

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Troncal 48"   |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 83.1673           | 0.0085                           | 5.4181               | 5.4266                   | 8.6730           |                                |                                 | 38.8471                                  | 48.4467                              |  |                                       |                     |
| 02/03/2015           | 82.1998           | 0.0063                           | 4.9190               | 4.9253                   | 9.3310           |                                |                                 | 39.4537                                  | 48.8750                              |  |                                       |                     |
| 03/03/2015           | 82.6996           | 0.0056                           | 6.0675               | 6.0731                   | 9.1520           |                                |                                 | 39.5727                                  | 49.0915                              |  |                                       |                     |
| 04/03/2015           | 82.3150           | 0.0083                           | 5.9797               | 5.9880                   | 9.4710           |                                |                                 | 39.6296                                  | 49.0943                              |  |                                       |                     |
| 05/03/2015           | 84.0520           | 0.0113                           | 6.1941               | 6.2054                   | 9.1550           |                                |                                 | 39.7811                                  | 49.6539                              |  |                                       |                     |
| 06/03/2015           | 84.3976           | 0.0064                           | 6.3170               | 6.3234                   | 9.0700           |                                |                                 | 40.1800                                  | 50.1312                              |  |                                       |                     |
| 07/03/2015           | 84.4400           | 0.0068                           | 6.2751               | 6.2819                   | 9.2300           |                                |                                 | 40.1845                                  | 50.1582                              |  |                                       |                     |
| 08/03/2015           | 84.4585           | 0.0080                           | 6.2655               | 6.2734                   | 9.3920           |                                |                                 | 40.1286                                  | 50.1306                              |  |                                       |                     |
| 09/03/2015           | 84.2504           | 0.0082                           | 6.3917               | 6.3998                   | 9.4470           |                                |                                 | 40.1770                                  | 50.1287                              |  |                                       |                     |
| 10/03/2015           | 83.9661           | 0.0160                           | 6.6354               | 6.6514                   | 9.0480           |                                |                                 | 39.6843                                  | 49.5155                              |  |                                       |                     |
| 11/03/2015           | 84.5228           | 0.0100                           | 6.6035               | 6.6134                   | 9.1120           |                                |                                 | 39.9485                                  | 49.9298                              |  |                                       |                     |
| 12/03/2015           | 84.9811           | 0.0044                           | 5.9182               | 5.9226                   | 8.8700           |                                |                                 | 39.8550                                  | 49.9297                              |  |                                       |                     |
| 13/03/2015           | 85.4373           | 0.0073                           | 6.2148               | 6.2221                   | 8.4510           |                                |                                 | 40.0236                                  | 50.1400                              |  |                                       |                     |
| 14/03/2015           | 85.2455           | 0.0118                           | 5.8187               | 5.8305                   | 8.6510           |                                |                                 | 39.8716                                  | 49.9731                              |  |                                       |                     |
| 15/03/2015           | 84.4890           | 0.0100                           | 6.0424               | 6.0524                   | 7.8790           |                                |                                 | 38.8760                                  | 48.6711                              |  |                                       |                     |
| 16/03/2015           | 84.2710           | 0.0070                           | 6.0850               | 6.0920                   | 7.9670           |                                |                                 | 38.9503                                  | 48.6879                              |  |                                       |                     |
| 17/03/2015           | 83.9170           | 0.0100                           | 6.3862               | 6.3962                   | 7.9330           |                                |                                 | 38.9133                                  | 48.5280                              |  |                                       |                     |
| 18/03/2015           | 83.8730           | 0.0120                           | 6.3039               | 6.3159                   | 8.1120           |                                |                                 | 38.9500                                  | 48.6116                              |  |                                       |                     |
| 19/03/2015           | 85.4721           | 0.0129                           | 6.0675               | 6.0803                   | 8.4840           |                                |                                 | 39.7925                                  | 49.9232                              |  |                                       |                     |
| 20/03/2015           | 86.0850           | 0.0182                           | 6.3261               | 6.3443                   | 7.7920           |                                |                                 | 39.5978                                  | 49.7773                              |  |                                       |                     |
| 21/03/2015           | 86.3112           | 0.0140                           | 6.5383               | 6.5523                   | 7.5320           |                                |                                 | 39.4034                                  | 49.6089                              |  |                                       |                     |
| 22/03/2015           | 86.0183           | 0.0152                           | 6.2771               | 6.2923                   | 7.9070           |                                |                                 | 39.7043                                  | 49.8835                              |  |                                       |                     |
| 23/03/2015           | 85.9700           | 0.0074                           | 6.5418               | 6.5492                   | 7.8410           |                                |                                 | 39.5131                                  | 49.6766                              |  |                                       |                     |
| 24/03/2015           | 87.4238           | 0.0123                           | 6.8899               | 6.9022                   | 6.3080           |                                |                                 | 38.7875                                  | 49.1189                              |  |                                       |                     |
| 25/03/2015           | 88.3067           | 0.0065                           | 7.2310               | 7.2375                   | 5.7520           |                                |                                 | 38.2372                                  | 48.7383                              |  |                                       |                     |
| 26/03/2015           | 88.2351           | 0.0035                           | 6.6376               | 6.6411                   | 6.1670           |                                |                                 | 38.5811                                  | 49.1362                              |  |                                       |                     |
| 27/03/2015           | 89.3241           | 0.0015                           | 6.5606               | 6.5621                   | 5.4690           |                                |                                 | 38.0556                                  | 48.8107                              |  |                                       |                     |
| 28/03/2015           | 90.6768           | 0.0030                           | 6.5223               | 6.5254                   | 4.4710           |                                |                                 | 37.6271                                  | 48.5884                              |  |                                       |                     |
| 29/03/2015           | 91.1725           | 0.0020                           | 6.5719               | 6.5738                   | 3.9950           |                                |                                 | 37.4305                                  | 48.4502                              |  |                                       |                     |
| 30/03/2015           | 90.4082           | 0.0017                           | 6.6997               | 6.7014                   | 4.4620           |                                |                                 | 37.6089                                  | 48.4947                              |  |                                       |                     |
| 31/03/2015           | 88.1389           | 0.0019                           | 6.2219               | 6.2238                   | 5.4250           |                                |                                 | 37.2993                                  | 47.7306                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |         |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|---------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 82.1998 | 0.0015 | 0.0000  | 4.9253 | 3.9950 |  |  | 37.2993 | 47.7306 |  |  |  |
| <b>Promedio</b>   | 85.6847 | 0.0083 | 6.2878  | 6.2961 | 7.7596 |  |  | 39.1827 | 49.2785 |  |  |  |
| <b>Máximo</b>     | 91.1725 | 0.0182 | 0.0000  | 7.2375 | 9.4710 |  |  | 40.1845 | 50.1582 |  |  |  |
| <b>Desv. Est.</b> | 2.4282  | 0.0044 | #DIV/0! | 0.4251 | 1.6488 |  |  | 0.8698  | 0.6806  |  |  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |
|---------------------------|---------------------------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |
| <b>PUNTO DE MEDICIÓN:</b> | Cd. Pemex                       |
| <b>ZONA DE MEDICIÓN:</b>  | <b>SUR</b>                      |

**PROMEDIO/DIA**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 88.7141           | 0.0035                           | 5.2852               | 5.2887                   | 5.7400           |                                |                                 | 37.5869                                  | 48.2156                              |  |                                       |                     |
| 02/03/2015           | 88.2089           | 0.0055                           | 4.8575               | 4.8630                   | 6.4750           |                                |                                 | 38.0487                                  | 48.6715                              |  |                                       |                     |
| 03/03/2015           | 88.4123           | 0.0026                           | 4.6580               | 4.6606                   | 6.5100           |                                |                                 | 38.2526                                  | 48.8797                              |  |                                       |                     |
| 04/03/2015           | 88.0035           | 0.0087                           | 4.4974               | 4.5061                   | 6.9250           |                                |                                 | 38.3918                                  | 49.0268                              |  |                                       |                     |
| 05/03/2015           | 87.9565           | 0.0085                           | 4.8302               | 4.8388                   | 6.5430           |                                |                                 | 38.2720                                  | 48.8147                              |  |                                       |                     |
| 06/03/2015           | 88.2399           | 0.0105                           | 5.4778               | 5.4884                   | 5.8900           |                                |                                 | 37.6836                                  | 48.1881                              |  |                                       |                     |
| 07/03/2015           | 88.1348           | 0.0061                           | 5.3397               | 5.3458                   | 6.1530           |                                |                                 | 37.6847                                  | 48.2499                              |  |                                       |                     |
| 08/03/2015           | 87.9881           | 0.0073                           | 5.2583               | 5.2656                   | 6.3500           |                                |                                 | 37.9117                                  | 48.4267                              |  |                                       |                     |
| 09/03/2015           | 86.8912           | 0.0053                           | 5.6235               | 5.6289                   | 6.8910           |                                |                                 | 37.9186                                  | 48.2730                              |  |                                       |                     |
| 10/03/2015           | 87.6720           | 0.0028                           | 5.8083               | 5.8111                   | 6.0140           |                                |                                 | 37.6780                                  | 48.0524                              |  |                                       |                     |
| 11/03/2015           | 88.1293           | 0.0026                           | 5.7711               | 5.7736                   | 5.6690           |                                |                                 | 37.5338                                  | 47.9792                              |  |                                       |                     |
| 12/03/2015           | 88.3062           | 0.0010                           | 5.6476               | 5.6485                   | 5.5680           |                                |                                 | 37.5473                                  | 48.0410                              |  |                                       |                     |
| 13/03/2015           | 88.5451           | 0.0012                           | 5.3880               | 5.3892                   | 5.8040           |                                |                                 | 37.7022                                  | 48.2432                              |  |                                       |                     |
| 14/03/2015           | 88.9915           | 0.0007                           | 4.8718               | 4.8725                   | 5.6540           |                                |                                 | 37.9446                                  | 48.6062                              |  |                                       |                     |
| 15/03/2015           | 89.0751           | 0.0003                           | 5.0241               | 5.0244                   | 5.4740           |                                |                                 | 37.7217                                  | 48.4085                              |  |                                       |                     |
| 16/03/2015           | 88.2066           | 0.0001                           | 4.9631               | 4.9633                   | 6.1580           |                                |                                 | 38.0247                                  | 48.6160                              |  |                                       |                     |
| 17/03/2015           | 87.6962           | 0.0000                           | 5.1658               | 5.1658                   | 6.4750           |                                |                                 | 38.0666                                  | 48.5563                              |  |                                       |                     |
| 18/03/2015           | 87.6519           | 0.0026                           | 5.4227               | 5.4253                   | 6.7600           |                                |                                 | 37.9292                                  | 48.3651                              |  |                                       |                     |
| 19/03/2015           | 87.9860           | 0.0015                           | 5.1273               | 5.1288                   | 6.3570           |                                |                                 | 37.9285                                  | 48.4884                              |  |                                       |                     |
| 20/03/2015           | 88.2065           | 0.0010                           | 5.7008               | 5.7018                   | 5.7670           |                                |                                 | 37.4429                                  | 47.9556                              |  |                                       |                     |
| 21/03/2015           | 88.1550           | 0.0025                           | 6.0223               | 6.0248                   | 5.4220           |                                |                                 | 37.3038                                  | 47.7367                              |  |                                       |                     |
| 22/03/2015           | 87.8611           | 0.0072                           | 5.4776               | 5.4848                   | 6.1470           |                                |                                 | 37.8263                                  | 48.2772                              |  |                                       |                     |
| 23/03/2015           | 87.6997           | 0.0024                           | 5.9399               | 5.9424                   | 5.8550           |                                |                                 | 37.5278                                  | 47.9064                              |  |                                       |                     |
| 24/03/2015           | 87.8894           | 0.0010                           | 5.9835               | 5.9845                   | 5.6790           |                                |                                 | 37.4243                                  | 47.8268                              |  |                                       |                     |
| 25/03/2015           | 88.1246           | 0.0000                           | 6.2318               | 6.2318                   | 5.3060           |                                |                                 | 37.1610                                  | 47.5637                              |  |                                       |                     |
| 26/03/2015           | 88.2520           | 0.0000                           | 5.9165               | 5.9165                   | 5.6430           |                                |                                 | 37.3597                                  | 47.8162                              |  |                                       |                     |
| 27/03/2015           | 88.8706           | 0.0006                           | 5.7484               | 5.7490                   | 5.0520           |                                |                                 | 37.2721                                  | 47.8323                              |  |                                       |                     |
| 28/03/2015           | 87.5563           | 0.0001                           | 5.7447               | 5.7448                   | 6.2450           |                                |                                 | 37.6916                                  | 48.0891                              |  |                                       |                     |
| 29/03/2015           | 88.9516           | 0.0000                           | 5.8225               | 5.8225                   | 4.9360           |                                |                                 | 37.2397                                  | 47.7818                              |  |                                       |                     |
| 30/03/2015           | 86.3453           | 0.0000                           | 5.8335               | 5.8335                   | 6.9430           |                                |                                 | 38.0832                                  | 48.2894                              |  |                                       |                     |
| 31/03/2015           | 87.9053           | 0.0121                           | 5.4314               | 5.4436                   | 6.3580           |                                |                                 | 38.0063                                  | 48.4027                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 86.3453 | 0.0000 | 4.4974 | 4.5061 | 4.9360 |  |  | 37.1610 | 47.5637 |  |  |  |
| <b>Promedio</b>   | 88.0847 | 0.0032 | 5.4474 | 5.4506 | 6.0246 |  |  | 37.7473 | 48.2445 |  |  |  |
| <b>Máximo</b>     | 89.0751 | 0.0121 | 6.2318 | 6.2318 | 6.9430 |  |  | 38.3918 | 49.0268 |  |  |  |
| <b>Desv. Est.</b> | 0.5655  | 0.0035 | 0.4395 | 0.4384 | 0.5346 |  |  | 0.3221  | 0.3601  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Cactus  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     |                                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 90.1519           | 0.0040                           | 5.4178               | 5.4218                   | 4.1830           |                                |                                 | 37.0690                                  | 47.8474                              |  |                                       |                     |
| 02/03/2015           | 88.7641           | 0.0053                           | 4.9217               | 4.9270                   | 5.8790           |                                |                                 | 37.7597                                  | 48.4732                              |  |                                       |                     |
| 03/03/2015           | 82.8303           | 0.0052                           | 5.7199               | 5.7252                   | 9.2380           |                                |                                 | 39.0659                                  | 48.9218                              |  |                                       |                     |
| 04/03/2015           | 78.5323           | 0.0075                           | 6.8555               | 6.8630                   | 11.5970          |                                |                                 | 40.7137                                  | 49.4416                              |  |                                       |                     |
| 05/03/2015           | 78.7972           | 0.0119                           | 7.1626               | 7.1745                   | 11.5220          |                                |                                 | 40.3354                                  | 49.0980                              |  |                                       |                     |
| 06/03/2015           | 79.2720           | 0.0024                           | 6.8068               | 6.8091                   | 11.1230          |                                |                                 | 40.3236                                  | 49.2340                              |  |                                       |                     |
| 07/03/2015           | 79.0943           | 0.0070                           | 6.7915               | 6.7985                   | 11.3960          |                                |                                 | 40.4220                                  | 49.2966                              |  |                                       |                     |
| 08/03/2015           | 78.7341           | 0.0065                           | 6.9953               | 7.0018                   | 11.7120          |                                |                                 | 40.4409                                  | 49.2285                              |  |                                       |                     |
| 09/03/2015           | 78.7950           | 0.0086                           | 6.8898               | 6.8984                   | 11.5120          |                                |                                 | 40.4608                                  | 49.2800                              |  |                                       |                     |
| 10/03/2015           | 77.2625           | 0.0232                           | 7.1302               | 7.1534                   | 11.3010          |                                |                                 | 40.2760                                  | 49.0645                              |  |                                       |                     |
| 11/03/2015           | 78.6324           | 0.0186                           | 7.0370               | 7.0556                   | 11.8690          |                                |                                 | 40.3411                                  | 49.1472                              |  |                                       |                     |
| 12/03/2015           | 81.2480           | 0.0067                           | 6.4731               | 6.4797                   | 10.1740          |                                |                                 | 39.7448                                  | 49.0202                              |  |                                       |                     |
| 13/03/2015           | 79.5821           | 0.0144                           | 6.8359               | 6.8503                   | 10.4120          |                                |                                 | 40.1855                                  | 49.1480                              |  |                                       |                     |
| 14/03/2015           | 81.7136           | 0.0115                           | 6.4142               | 6.4258                   | 9.4590           |                                |                                 | 39.9753                                  | 49.1760                              |  |                                       |                     |
| 15/03/2015           | 81.6358           | 0.0160                           | 6.6475               | 6.6635                   | 9.3990           |                                |                                 | 39.6799                                  | 48.9060                              |  |                                       |                     |
| 16/03/2015           | 81.5669           | 0.0105                           | 6.8072               | 6.8177                   | 9.3100           |                                |                                 | 39.5962                                  | 48.7960                              |  |                                       |                     |
| 17/03/2015           | 81.6873           | 0.0160                           | 7.1070               | 7.1229                   | 8.7660           |                                |                                 | 39.4694                                  | 48.5993                              |  |                                       |                     |
| 18/03/2015           | 81.5475           | 0.0178                           | 6.9004               | 6.9182                   | 9.0360           |                                |                                 | 39.6673                                  | 48.7979                              |  |                                       |                     |
| 19/03/2015           | 81.8433           | 0.0208                           | 6.7208               | 6.7415                   | 9.0430           |                                |                                 | 39.7080                                  | 48.8907                              |  |                                       |                     |
| 20/03/2015           | 81.4698           | 0.0260                           | 6.8490               | 6.8750                   | 9.1400           |                                |                                 | 39.7450                                  | 48.8588                              |  |                                       |                     |
| 21/03/2015           | 81.6149           | 0.0198                           | 7.0172               | 7.0370                   | 8.9460           |                                |                                 | 39.4666                                  | 48.6301                              |  |                                       |                     |
| 22/03/2015           | 81.6499           | 0.0188                           | 6.9771               | 6.9959                   | 9.0230           |                                |                                 | 39.5372                                  | 48.6897                              |  |                                       |                     |
| 23/03/2015           | 81.7617           | 0.0089                           | 7.0404               | 7.0493                   | 8.9420           |                                |                                 | 39.5203                                  | 48.6596                              |  |                                       |                     |
| 24/03/2015           | 84.0642           | 0.0159                           | 7.4940               | 7.5099                   | 6.4370           |                                |                                 | 38.3155                                  | 47.7484                              |  |                                       |                     |
| 25/03/2015           | 84.9243           | 0.0112                           | 8.1212               | 8.1324                   | 5.6870           |                                |                                 | 37.4354                                  | 46.9654                              |  |                                       |                     |
| 26/03/2015           | 85.1598           | 0.0067                           | 7.3139               | 7.3205                   | 6.2410           |                                |                                 | 37.7048                                  | 47.4542                              |  |                                       |                     |
| 27/03/2015           | 86.6976           | 0.0014                           | 6.8819               | 6.8833                   | 5.6640           |                                |                                 | 37.4640                                  | 47.4826                              |  |                                       |                     |
| 28/03/2015           | 89.1903           | 0.0021                           | 6.7763               | 6.7783                   | 3.8080           |                                |                                 | 36.5354                                  | 46.9534                              |  |                                       |                     |
| 29/03/2015           | 89.3540           | 0.0015                           | 6.7843               | 6.7858                   | 3.5690           |                                |                                 | 36.4189                                  | 46.8780                              |  |                                       |                     |
| 30/03/2015           | 88.9254           | 0.0006                           | 6.9061               | 6.9067                   | 3.8220           |                                |                                 | 36.4335                                  | 46.8374                              |  |                                       |                     |
| 31/03/2015           | 89.6166           | 0.0147                           | 6.5962               | 6.6109                   | 3.6490           |                                |                                 | 36.5150                                  | 47.0073                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |         |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|---------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 77.2625 | 0.0006 | 4.9217 | 4.9270 | 3.5690  |  |  | 36.4189 | 46.8374 |  |  |  |
| <b>Promedio</b>   | 82.7780 | 0.0110 | 6.7868 | 6.7978 | 8.4471  |  |  | 39.0428 | 48.4688 |  |  |  |
| <b>Máximo</b>     | 90.1519 | 0.0260 | 8.1212 | 8.1324 | 11.8690 |  |  | 40.7137 | 49.4416 |  |  |  |
| <b>Desv. Est.</b> | 3.8790  | 0.0070 | 0.5781 | 0.5803 | 2.7457  |  |  | 1.4145  | 0.8523  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquimica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Km-100  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 88.6992           | 0.0034                           | 5.2448               | 5.2482                   | 5.7540           |                                |                                 | 37.6290                                  | 48.2579                              |  |                                       |                     |
| 02/03/2015           | 88.2597           | 0.0056                           | 4.8533               | 4.8589                   | 6.4460           |                                |                                 | 38.0775                                  | 48.6906                              |  |                                       |                     |
| 03/03/2015           | 88.3936           | 0.0027                           | 4.5505               | 4.5531                   | 6.5210           |                                |                                 | 38.3164                                  | 48.9628                              |  |                                       |                     |
| 04/03/2015           | 87.9933           | 0.0086                           | 4.5431               | 4.5517                   | 6.9240           |                                |                                 | 38.4045                                  | 49.0148                              |  |                                       |                     |
| 05/03/2015           | 87.9426           | 0.0089                           | 4.9676               | 4.9766                   | 6.5450           |                                |                                 | 38.1593                                  | 48.6894                              |  |                                       |                     |
| 06/03/2015           | 88.2543           | 0.0103                           | 5.4791               | 5.4893                   | 5.8870           |                                |                                 | 37.6379                                  | 48.1613                              |  |                                       |                     |
| 07/03/2015           | 88.1157           | 0.0062                           | 5.3554               | 5.3616                   | 6.1690           |                                |                                 | 37.7474                                  | 48.2810                              |  |                                       |                     |
| 08/03/2015           | 88.0098           | 0.0075                           | 5.2274               | 5.2349                   | 6.3400           |                                |                                 | 37.9053                                  | 48.4341                              |  |                                       |                     |
| 09/03/2015           | 86.8623           | 0.0054                           | 5.7303               | 5.7357                   | 6.8940           |                                |                                 | 37.9186                                  | 48.2298                              |  |                                       |                     |
| 10/03/2015           | 87.7080           | 0.0028                           | 5.8111               | 5.8138                   | 6.0020           |                                |                                 | 37.6257                                  | 48.0192                              |  |                                       |                     |
| 11/03/2015           | 88.1407           | 0.0025                           | 5.7401               | 5.7426                   | 5.6710           |                                |                                 | 37.5416                                  | 47.9983                              |  |                                       |                     |
| 12/03/2015           | 88.2952           | 0.0010                           | 5.7082               | 5.7093                   | 5.5700           |                                |                                 | 37.5089                                  | 47.9927                              |  |                                       |                     |
| 13/03/2015           | 88.5462           | 0.0013                           | 5.1395               | 5.1408                   | 5.8140           |                                |                                 | 37.8573                                  | 48.4410                              |  |                                       |                     |
| 14/03/2015           | 89.0256           | 0.0007                           | 4.8836               | 4.8843                   | 5.6310           |                                |                                 | 37.8729                                  | 48.5584                              |  |                                       |                     |
| 15/03/2015           | 89.0726           | 0.0003                           | 5.0836               | 5.0839                   | 5.4630           |                                |                                 | 37.6756                                  | 48.3558                              |  |                                       |                     |
| 16/03/2015           | 88.1849           | 0.0002                           | 5.0062               | 5.0063                   | 6.1690           |                                |                                 | 38.1160                                  | 48.6526                              |  |                                       |                     |
| 17/03/2015           | 87.7396           | 0.0000                           | 5.2493               | 5.2493                   | 6.4420           |                                |                                 | 38.0208                                  | 48.4940                              |  |                                       |                     |
| 18/03/2015           | 87.6782           | 0.0026                           | 5.2501               | 5.2528                   | 6.7420           |                                |                                 | 37.9049                                  | 48.4229                              |  |                                       |                     |
| 19/03/2015           | 87.9770           | 0.0016                           | 5.2536               | 5.2552                   | 6.3550           |                                |                                 | 37.8620                                  | 48.3953                              |  |                                       |                     |
| 20/03/2015           | 88.2073           | 0.0010                           | 5.7411               | 5.7421                   | 5.7640           |                                |                                 | 37.4273                                  | 47.9295                              |  |                                       |                     |
| 21/03/2015           | 88.1449           | 0.0025                           | 5.8198               | 5.8223                   | 5.4240           |                                |                                 | 37.2795                                  | 47.7024                              |  |                                       |                     |
| 22/03/2015           | 87.8609           | 0.0072                           | 5.1798               | 5.1869                   | 6.1500           |                                |                                 | 37.8861                                  | 48.3372                              |  |                                       |                     |
| 23/03/2015           | 87.6906           | 0.0024                           | 5.7121               | 5.7145                   | 5.8570           |                                |                                 | 37.5154                                  | 47.8797                              |  |                                       |                     |
| 24/03/2015           | 87.9029           | 0.0009                           | 5.7759               | 5.7768                   | 5.6660           |                                |                                 | 37.4116                                  | 47.8050                              |  |                                       |                     |
| 25/03/2015           | 88.1212           | 0.0000                           | 5.9662               | 5.9662                   | 5.2980           |                                |                                 | 37.1245                                  | 47.5250                              |  |                                       |                     |
| 26/03/2015           | 88.2544           | 0.0000                           | 5.7530               | 5.7530                   | 5.6670           |                                |                                 | 37.4393                                  | 47.9328                              |  |                                       |                     |
| 27/03/2015           | 88.8686           | 0.0008                           | 5.8258               | 5.8266                   | 5.0460           |                                |                                 | 37.2005                                  | 47.7560                              |  |                                       |                     |
| 28/03/2015           | 87.5549           | 0.0002                           | 5.6999               | 5.7001                   | 6.2500           |                                |                                 | 37.7760                                  | 48.1573                              |  |                                       |                     |
| 29/03/2015           | 88.9497           | 0.0000                           | 5.8605               | 5.8605                   | 4.9370           |                                |                                 | 37.1520                                  | 47.7123                              |  |                                       |                     |
| 30/03/2015           | 86.3146           | 0.0000                           | 5.8338               | 5.8338                   | 6.9650           |                                |                                 | 38.2428                                  | 48.3852                              |  |                                       |                     |
| 31/03/2015           | 87.9501           | 0.0121                           | 5.2077               | 5.2198                   | 6.3470           |                                |                                 | 37.9641                                  | 48.4713                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 86.3146 | 0.0000 | 4.5431 | 4.5517 | 4.9370 |  |  | 37.1245 | 47.5250 |  |  |  |
| <b>Promedio</b>   | 88.0877 | 0.0032 | 5.4017 | 5.4049 | 6.0229 |  |  | 37.7484 | 48.2466 |  |  |  |
| <b>Máximo</b>     | 89.0726 | 0.0121 | 5.9662 | 5.9662 | 6.9650 |  |  | 38.4045 | 49.0148 |  |  |  |
| <b>Desv. Est.</b> | 0.5690  | 0.0035 | 0.4034 | 0.4021 | 0.5346 |  |  | 0.3390  | 0.3698  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Nvo. Pemex  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 90.1715           | 0.0040                           | 5.3667               | 5.3707                   | 4.1640           |                                |                                 | 37.1154                                  | 47.8971                              |  |                                       |                     |
| 02/03/2015           | 88.7919           | 0.0055                           | 4.9073               | 4.9128                   | 5.8570           |                                |                                 | 37.8688                                  | 48.5450                              |  |                                       |                     |
| 03/03/2015           | 85.9230           | 0.0010                           | 4.5505               | 4.5514                   | 6.3390           |                                |                                 | 38.2445                                  | 48.3859                              |  |                                       |                     |
| 04/03/2015           | 88.0009           | 0.0016                           | 4.5810               | 4.5826                   | 6.8810           |                                |                                 | 38.3480                                  | 48.9718                              |  |                                       |                     |
| 05/03/2015           | 87.9348           | 0.0008                           | 5.0918               | 5.0926                   | 6.4500           |                                |                                 | 38.0408                                  | 48.5733                              |  |                                       |                     |
| 06/03/2015           | 88.2660           | 0.0003                           | 5.5200               | 5.5203                   | 5.8610           |                                |                                 | 37.5862                                  | 48.1215                              |  |                                       |                     |
| 07/03/2015           | 88.1231           | 0.0000                           | 5.4128               | 5.4128                   | 6.1210           |                                |                                 | 37.6921                                  | 48.2303                              |  |                                       |                     |
| 08/03/2015           | 88.0716           | 0.0000                           | 5.2487               | 5.2487                   | 6.2640           |                                |                                 | 37.8418                                  | 48.3890                              |  |                                       |                     |
| 09/03/2015           | 86.7667           | 0.0004                           | 5.7924               | 5.7928                   | 6.9180           |                                |                                 | 37.8861                                  | 48.1894                              |  |                                       |                     |
| 10/03/2015           | 87.5794           | 0.0006                           | 5.8187               | 5.8193                   | 6.0630           |                                |                                 | 37.6497                                  | 48.0328                              |  |                                       |                     |
| 11/03/2015           | 87.0468           | 0.0085                           | 5.8773               | 5.8858                   | 6.5220           |                                |                                 | 37.7858                                  | 48.0873                              |  |                                       |                     |
| 12/03/2015           | 87.9371           | 0.0013                           | 5.1395               | 5.1408                   | 6.3830           |                                |                                 | 38.0148                                  | 48.5377                              |  |                                       |                     |
| 13/03/2015           | 88.4079           | 0.0006                           | 5.1076               | 5.1083                   | 5.9220           |                                |                                 | 37.9063                                  | 48.4863                              |  |                                       |                     |
| 14/03/2015           | 89.0420           | 0.0000                           | 4.9269               | 4.9269                   | 5.5650           |                                |                                 | 37.8052                                  | 48.5020                              |  |                                       |                     |
| 15/03/2015           | 89.0833           | 0.0000                           | 5.1089               | 5.1089                   | 5.4180           |                                |                                 | 37.6345                                  | 48.3228                              |  |                                       |                     |
| 16/03/2015           | 88.0147           | 0.0000                           | 5.0725               | 5.0725                   | 6.2190           |                                |                                 | 38.0908                                  | 48.6111                              |  |                                       |                     |
| 17/03/2015           | 87.7103           | 0.0000                           | 5.3105               | 5.3105                   | 6.4270           |                                |                                 | 37.9462                                  | 48.4255                              |  |                                       |                     |
| 18/03/2015           | 87.8313           | 0.0000                           | 5.2481               | 5.2482                   | 6.6060           |                                |                                 | 37.8563                                  | 48.3988                              |  |                                       |                     |
| 19/03/2015           | 88.0120           | 0.0000                           | 5.1013               | 5.1013                   | 6.4460           |                                |                                 | 37.9489                                  | 48.5145                              |  |                                       |                     |
| 20/03/2015           | 88.4114           | 0.0000                           | 5.5067               | 5.5067                   | 5.7680           |                                |                                 | 37.5243                                  | 48.0894                              |  |                                       |                     |
| 21/03/2015           | 88.3306           | 0.0000                           | 5.8198               | 5.8198                   | 5.4500           |                                |                                 | 37.3805                                  | 47.8708                              |  |                                       |                     |
| 22/03/2015           | 87.9137           | 0.0009                           | 5.1798               | 5.1806                   | 6.2500           |                                |                                 | 38.0213                                  | 48.5236                              |  |                                       |                     |
| 23/03/2015           | 87.8175           | 0.0000                           | 5.7121               | 5.7121                   | 5.9240           |                                |                                 | 37.6582                                  | 48.0839                              |  |                                       |                     |
| 24/03/2015           | 88.0514           | 0.0000                           | 5.7759               | 5.7759                   | 5.7190           |                                |                                 | 37.5126                                  | 47.9691                              |  |                                       |                     |
| 25/03/2015           | 88.1635           | 0.0000                           | 5.9662               | 5.9662                   | 5.5030           |                                |                                 | 37.3162                                  | 47.7707                              |  |                                       |                     |
| 26/03/2015           | 88.5532           | 0.0000                           | 5.4148               | 5.4148                   | 5.6670           |                                |                                 | 37.5716                                  | 48.1566                              |  |                                       |                     |
| 27/03/2015           | 88.9967           | 0.0000                           | 5.6120               | 5.6120                   | 5.0810           |                                |                                 | 37.3042                                  | 47.9112                              |  |                                       |                     |
| 28/03/2015           | 87.6484           | 0.0000                           | 5.4329               | 5.4329                   | 6.3370           |                                |                                 | 37.9112                                  | 48.3514                              |  |                                       |                     |
| 29/03/2015           | 89.0025           | 0.0000                           | 5.5981               | 5.5981                   | 5.0450           |                                |                                 | 37.3295                                  | 47.9319                              |  |                                       |                     |
| 30/03/2015           | 86.2677           | 0.0000                           | 5.5442               | 5.5442                   | 7.1150           |                                |                                 | 38.4262                                  | 48.6144                              |  |                                       |                     |
| 31/03/2015           | 88.1066           | 0.0088                           | 4.8102               | 4.8189                   | 6.5500           |                                |                                 | 38.1575                                  | 48.7578                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 85.9230 | 0.0000 | 4.5505 | 4.5514 | 4.1640 |  |  | 37.1154 | 47.7707 |  |  |  |
| <b>Promedio</b>   | 88.0638 | 0.0011 | 5.3405 | 5.3416 | 6.0269 |  |  | 37.7863 | 48.2985 |  |  |  |
| <b>Máximo</b>     | 90.1715 | 0.0088 | 5.9662 | 5.9662 | 7.1150 |  |  | 38.4262 | 48.9718 |  |  |  |
| <b>Desv. Est.</b> | 0.8279  | 0.0023 | 0.3722 | 0.3718 | 0.6175 |  |  | 0.3172  | 0.2923  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquimica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | La Venta  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 92.4632           | 0.1262                           | 4.7278               | 4.8540                   | 2.5490           |                                |                                 | 37.9998                                  | 47.8476                              |  |                                       |                     |
| 02/03/2015           | 92.5028           | 0.1333                           | 4.7160               | 4.8493                   | 2.5160           |                                |                                 | 37.9035                                  | 47.8431                              |  |                                       |                     |
| 03/03/2015           | 92.3820           | 0.1585                           | 4.7367               | 4.8952                   | 2.5920           |                                |                                 | 36.8412                                  | 47.8199                              |  |                                       |                     |
| 04/03/2015           | 92.3667           | 0.1292                           | 4.7745               | 4.9037                   | 2.6060           |                                |                                 | 36.8088                                  | 47.8207                              |  |                                       |                     |
| 05/03/2015           | 91.9813           | 0.1435                           | 5.0140               | 5.1575                   | 2.7270           |                                |                                 | 36.8810                                  | 47.6742                              |  |                                       |                     |
| 06/03/2015           | 91.3372           | 0.1307                           | 5.2002               | 5.3308                   | 3.1350           |                                |                                 | 36.8220                                  | 47.6556                              |  |                                       |                     |
| 07/03/2015           | 89.8927           | 0.1042                           | 4.5012               | 4.6053                   | 5.0580           |                                |                                 | 37.7255                                  | 48.5554                              |  |                                       |                     |
| 08/03/2015           | 91.2293           | 0.1062                           | 4.7328               | 4.8390                   | 3.5920           |                                |                                 | 37.1525                                  | 48.1132                              |  |                                       |                     |
| 09/03/2015           | 90.0767           | 0.1113                           | 4.6920               | 4.8033                   | 4.5960           |                                |                                 | 37.5583                                  | 48.3704                              |  |                                       |                     |
| 10/03/2015           | 89.6490           | 0.1067                           | 4.3617               | 4.4683                   | 5.2350           |                                |                                 | 37.9460                                  | 48.7449                              |  |                                       |                     |
| 11/03/2015           | 89.8690           | 0.1000                           | 4.4600               | 4.5600                   | 5.0020           |                                |                                 | 37.8010                                  | 48.6213                              |  |                                       |                     |
| 12/03/2015           | 89.7975           | 0.0958                           | 4.4577               | 4.5535                   | 5.0660           |                                |                                 | 37.8303                                  | 48.6424                              |  |                                       |                     |
| 13/03/2015           | 89.4152           | 0.0762                           | 4.4247               | 4.5008                   | 5.4240           |                                |                                 | 37.9998                                  | 48.7698                              |  |                                       |                     |
| 14/03/2015           | 89.8080           | 0.0837                           | 4.3687               | 4.4523                   | 5.1230           |                                |                                 | 37.9035                                  | 48.7307                              |  |                                       |                     |
| 15/03/2015           | 92.3050           | 0.0998                           | 4.6663               | 4.7662                   | 2.7780           |                                |                                 | 36.8412                                  | 47.9593                              |  |                                       |                     |
| 16/03/2015           | 92.0063           | 0.1227                           | 4.8163               | 4.9390                   | 2.9060           |                                |                                 | 36.8088                                  | 47.8604                              |  |                                       |                     |
| 17/03/2015           | 92.6708           | 0.0440                           | 4.4935               | 4.5375                   | 2.6520           |                                |                                 | 36.8810                                  | 48.0945                              |  |                                       |                     |
| 18/03/2015           | 92.3948           | 0.0570                           | 4.7037               | 4.7607                   | 2.6730           |                                |                                 | 36.8220                                  | 47.9596                              |  |                                       |                     |
| 19/03/2015           | 92.1167           | 0.0432                           | 4.8377               | 4.8808                   | 2.8020           |                                |                                 | 36.8332                                  | 47.9177                              |  |                                       |                     |
| 20/03/2015           | 92.3845           | 0.0263                           | 4.6770               | 4.7033                   | 2.7410           |                                |                                 | 36.8617                                  | 48.0151                              |  |                                       |                     |
| 21/03/2015           | 92.5043           | 0.0430                           | 4.6225               | 4.6655                   | 2.6840           |                                |                                 | 36.8463                                  | 48.0182                              |  |                                       |                     |
| 22/03/2015           | 92.3912           | 0.0758                           | 4.6857               | 4.7615                   | 2.6900           |                                |                                 | 36.8220                                  | 47.9549                              |  |                                       |                     |
| 23/03/2015           | 92.5257           | 0.1037                           | 4.6030               | 4.7067                   | 2.6470           |                                |                                 | 36.8055                                  | 47.9626                              |  |                                       |                     |
| 24/03/2015           | 92.5850           | 0.0465                           | 4.5588               | 4.6053                   | 2.6690           |                                |                                 | 36.8608                                  | 48.0523                              |  |                                       |                     |
| 25/03/2015           | 92.6150           | 0.0468                           | 4.6528               | 4.6997                   | 2.5570           |                                |                                 | 36.8332                                  | 47.9666                              |  |                                       |                     |
| 26/03/2015           | 92.5382           | 0.0545                           | 4.7298               | 4.7843                   | 2.5470           |                                |                                 | 36.8617                                  | 47.9089                              |  |                                       |                     |
| 27/03/2015           | 93.3827           | 0.0342                           | 4.1265               | 4.1607                   | 2.3450           |                                |                                 | 36.9228                                  | 48.2866                              |  |                                       |                     |
| 28/03/2015           | 93.2037           | 0.0852                           | 4.1917               | 4.2768                   | 2.3990           |                                |                                 | 36.9008                                  | 48.2106                              |  |                                       |                     |
| 29/03/2015           | 92.9168           | 0.0365                           | 4.3148               | 4.3513                   | 2.5250           |                                |                                 | 36.9733                                  | 48.2330                              |  |                                       |                     |
| 30/03/2015           | 93.2548           | 0.0368                           | 4.2600               | 4.2968                   | 2.3460           |                                |                                 | 36.8648                                  | 48.1916                              |  |                                       |                     |
| 31/03/2015           | 93.1910           | 0.0285                           | 4.2478               | 4.2763                   | 2.4020           |                                |                                 | 36.9065                                  | 48.2274                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 89.4152 | 0.0263 | 4.1265 | 4.1607 | 2.3450 |  |  | 36.8055 | 47.6556 |  |  |  |
| <b>Promedio</b>   | 91.8631 | 0.0835 | 4.5921 | 4.6757 | 3.2124 |  |  | 37.1555 | 48.1300 |  |  |  |
| <b>Máximo</b>     | 93.3827 | 0.1585 | 5.2002 | 5.3308 | 5.4240 |  |  | 37.9998 | 48.7698 |  |  |  |
| <b>Desv. Est.</b> | 1.2315  | 0.0387 | 0.2382 | 0.2600 | 1.0530 |  |  | 0.4632  | 0.3202  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Chihuahua                       |              |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 91.1475           | 0.1957                           | 2.5318               | 2.7275                   | 5.6210           |                                |                                 | 38.6584                                  | 49.9116                              |  |                                       |                     |
| 02/03/2015           | 91.4550           | 0.2294                           | 2.5345               | 2.7640                   | 5.3110           |                                |                                 | 38.5375                                  | 49.8174                              |  |                                       |                     |
| 03/03/2015           | 91.7154           | 0.2028                           | 2.5585               | 2.7613                   | 5.0860           |                                |                                 | 38.4531                                  | 49.7758                              |  |                                       |                     |
| 04/03/2015           | 91.2204           | 0.1813                           | 2.4948               | 2.6761                   | 5.5890           |                                |                                 | 38.6779                                  | 49.9487                              |  |                                       |                     |
| 05/03/2015           | 90.7984           | 0.1778                           | 2.5243               | 2.7022                   | 5.8890           |                                |                                 | 38.8057                                  | 50.0117                              |  |                                       |                     |
| 06/03/2015           | 91.1927           | 0.2456                           | 2.4343               | 2.6799                   | 5.5470           |                                |                                 | 38.6990                                  | 49.9444                              |  |                                       |                     |
| 07/03/2015           | 91.2838           | 0.2220                           | 2.4896               | 2.7116                   | 5.4970           |                                |                                 | 38.6242                                  | 49.8925                              |  |                                       |                     |
| 08/03/2015           | 91.5604           | 0.2979                           | 2.2732               | 2.5711                   | 5.3720           |                                |                                 | 38.6397                                  | 49.9462                              |  |                                       |                     |
| 09/03/2015           | 91.4841           | 0.2564                           | 2.3699               | 2.6263                   | 5.4520           |                                |                                 | 38.6053                                  | 49.9117                              |  |                                       |                     |
| 10/03/2015           | 91.2575           | 0.2140                           | 2.4247               | 2.6386                   | 5.6100           |                                |                                 | 38.6831                                  | 49.9607                              |  |                                       |                     |
| 11/03/2015           | 91.2289           | 0.1747                           | 2.5020               | 2.6767                   | 5.6020           |                                |                                 | 38.6697                                  | 49.9452                              |  |                                       |                     |
| 12/03/2015           | 91.4788           | 0.1713                           | 2.5328               | 2.7040                   | 5.3550           |                                |                                 | 38.5667                                  | 49.8743                              |  |                                       |                     |
| 13/03/2015           | 91.8528           | 0.1860                           | 2.5286               | 2.7145                   | 4.9930           |                                |                                 | 38.4449                                  | 49.7957                              |  |                                       |                     |
| 14/03/2015           | 91.7405           | 0.2431                           | 2.4272               | 2.6703                   | 5.1380           |                                |                                 | 38.5077                                  | 49.8384                              |  |                                       |                     |
| 15/03/2015           | 91.6258           | 0.2258                           | 2.4549               | 2.6807                   | 5.2680           |                                |                                 | 38.5259                                  | 49.8486                              |  |                                       |                     |
| 16/03/2015           | 91.7315           | 0.1929                           | 2.5326               | 2.7255                   | 5.1260           |                                |                                 | 38.4598                                  | 49.7981                              |  |                                       |                     |
| 17/03/2015           | 91.5810           | 0.1124                           | 2.7419               | 2.8543                   | 5.1610           |                                |                                 | 38.4115                                  | 49.7315                              |  |                                       |                     |
| 18/03/2015           | 91.3618           | 0.1271                           | 2.7668               | 2.8939                   | 5.3250           |                                |                                 | 38.4498                                  | 49.7329                              |  |                                       |                     |
| 19/03/2015           | 91.4948           | 0.1953                           | 2.6461               | 2.8414                   | 5.1780           |                                |                                 | 38.4723                                  | 49.7533                              |  |                                       |                     |
| 20/03/2015           | 90.8062           | 0.1334                           | 2.6645               | 2.7979                   | 5.7300           |                                |                                 | 38.7613                                  | 49.9539                              |  |                                       |                     |
| 21/03/2015           | 90.8621           | 0.1303                           | 2.7211               | 2.8515                   | 5.6820           |                                |                                 | 38.6811                                  | 49.8849                              |  |                                       |                     |
| 22/03/2015           | 91.6589           | 0.2177                           | 2.6287               | 2.8464                   | 5.1000           |                                |                                 | 38.3915                                  | 49.6991                              |  |                                       |                     |
| 23/03/2015           | 92.1460           | 0.2980                           | 2.4630               | 2.7610                   | 4.7190           |                                |                                 | 38.3048                                  | 49.6677                              |  |                                       |                     |
| 24/03/2015           | 93.0592           | 0.5872                           | 1.6130               | 2.2002                   | 4.3980           |                                |                                 | 38.4174                                  | 49.9154                              |  |                                       |                     |
| 25/03/2015           | 92.9083           | 0.6132                           | 1.4614               | 2.0746                   | 4.6670           |                                |                                 | 38.5438                                  | 50.0385                              |  |                                       |                     |
| 26/03/2015           | 92.2025           | 0.4539                           | 1.7842               | 2.2380                   | 5.0900           |                                |                                 | 38.6772                                  | 50.0796                              |  |                                       |                     |
| 27/03/2015           | 91.2622           | 0.1639                           | 2.6908               | 2.8547                   | 5.3270           |                                |                                 | 38.5581                                  | 49.8043                              |  |                                       |                     |
| 28/03/2015           | 91.8275           | 0.1518                           | 2.8012               | 2.9529                   | 4.7540           |                                |                                 | 38.2993                                  | 49.6133                              |  |                                       |                     |
| 29/03/2015           | 91.4135           | 0.1758                           | 2.7744               | 2.9503                   | 5.1230           |                                |                                 | 38.4345                                  | 49.6876                              |  |                                       |                     |
| 30/03/2015           | 91.4856           | 0.1910                           | 2.8196               | 3.0106                   | 5.0000           |                                |                                 | 38.3733                                  | 49.6220                              |  |                                       |                     |
| 31/03/2015           | 91.5146           | 0.1924                           | 2.7247               | 2.9171                   | 5.0410           |                                |                                 | 38.4353                                  | 49.6989                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 90.7984 | 0.1124 | 1.4614 | 2.0746 | 4.3980 |  |  | 38.2993 | 49.6133 |  |  |  |
| <b>Promedio</b>   | 91.5599 | 0.2310 | 2.4811 | 2.7121 | 5.2500 |  |  | 38.5410 | 49.8421 |  |  |  |
| <b>Máximo</b>     | 93.0592 | 0.6132 | 2.8196 | 3.0106 | 5.8890 |  |  | 38.8057 | 50.0796 |  |  |  |
| <b>Desv. Est.</b> | 0.5032  | 0.1174 | 0.3195 | 0.2099 | 0.3397 |  |  | 0.1329  | 0.1228  |  |  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Guadalajara   |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 90.0994           | 0.0000                           | 0.2616               | 0.2616                   | 9.5210           |                                |                                 | 40.4638                                  | 52.0875                              |  |                                       |                     |
| 02/03/2015           | 90.0817           | 0.0000                           | 0.2438               | 0.2438                   | 9.5560           |                                |                                 | 40.4807                                  | 52.1047                              |  |                                       |                     |
| 03/03/2015           | 92.7830           | 0.0000                           | 0.1678               | 0.1678                   | 6.7660           |                                |                                 | 39.8257                                  | 51.7851                              |  |                                       |                     |
| 04/03/2015           | 93.9799           | 0.0000                           | 0.1441               | 0.1441                   | 5.5220           |                                |                                 | 39.5341                                  | 51.6429                              |  |                                       |                     |
| 05/03/2015           | 92.3525           | 0.0000                           | 0.2824               | 0.2824                   | 7.1290           |                                |                                 | 39.8576                                  | 51.7511                              |  |                                       |                     |
| 06/03/2015           | 90.3647           | 0.0000                           | 0.3848               | 0.3848                   | 9.1530           |                                |                                 | 40.2993                                  | 51.9406                              |  |                                       |                     |
| 07/03/2015           | 90.3631           | 0.0000                           | 0.3715               | 0.3715                   | 9.1670           |                                |                                 | 40.3085                                  | 51.9515                              |  |                                       |                     |
| 08/03/2015           | 90.3719           | 0.0000                           | 0.3698               | 0.3698                   | 9.1600           |                                |                                 | 40.3075                                  | 51.9518                              |  |                                       |                     |
| 09/03/2015           | 90.3914           | 0.0000                           | 0.3675               | 0.3675                   | 9.1410           |                                |                                 | 40.3039                                  | 51.9509                              |  |                                       |                     |
| 10/03/2015           | 90.5708           | 0.0000                           | 0.3538               | 0.3538                   | 8.9620           |                                |                                 | 40.2659                                  | 51.9360                              |  |                                       |                     |
| 11/03/2015           | 91.8584           | 0.0000                           | 0.2634               | 0.2634                   | 7.6700           |                                |                                 | 39.9904                                  | 51.8248                              |  |                                       |                     |
| 12/03/2015           | 92.9055           | 0.0000                           | 0.1972               | 0.1972                   | 6.6130           |                                |                                 | 39.7618                                  | 51.7286                              |  |                                       |                     |
| 13/03/2015           | 93.2381           | 0.0000                           | 0.1634               | 0.1634                   | 6.2840           |                                |                                 | 39.7056                                  | 51.7171                              |  |                                       |                     |
| 14/03/2015           | 93.4679           | 0.0000                           | 0.1457               | 0.1457                   | 6.0570           |                                |                                 | 39.6507                                  | 51.6907                              |  |                                       |                     |
| 15/03/2015           | 92.6651           | 0.0000                           | 0.1992               | 0.1992                   | 6.8620           |                                |                                 | 39.8254                                  | 51.7629                              |  |                                       |                     |
| 16/03/2015           | 90.2855           | 0.0000                           | 0.3761               | 0.3761                   | 9.2350           |                                |                                 | 40.3292                                  | 51.9608                              |  |                                       |                     |
| 17/03/2015           | 90.2824           | 0.0000                           | 0.3607               | 0.3607                   | 9.2540           |                                |                                 | 40.3404                                  | 51.9742                              |  |                                       |                     |
| 18/03/2015           | 90.4292           | 0.0000                           | 0.3563               | 0.3563                   | 9.1030           |                                |                                 | 40.3040                                  | 51.9559                              |  |                                       |                     |
| 19/03/2015           | 91.2459           | 0.0000                           | 0.2841               | 0.2841                   | 8.2980           |                                |                                 | 40.1392                                  | 51.8978                              |  |                                       |                     |
| 20/03/2015           | 91.9323           | 0.0000                           | 0.2189               | 0.2189                   | 7.6260           |                                |                                 | 40.0040                                  | 51.8528                              |  |                                       |                     |
| 21/03/2015           | 92.0614           | 0.0000                           | 0.2020               | 0.2020                   | 7.5030           |                                |                                 | 39.9818                                  | 51.8483                              |  |                                       |                     |
| 22/03/2015           | 92.0887           | 0.0000                           | 0.1952               | 0.1952                   | 7.4800           |                                |                                 | 39.9795                                  | 51.8503                              |  |                                       |                     |
| 23/03/2015           | 92.0864           | 0.0000                           | 0.1877               | 0.1877                   | 7.4890           |                                |                                 | 39.9854                                  | 51.8568                              |  |                                       |                     |
| 24/03/2015           | 92.0864           | 0.0000                           | 0.1825               | 0.1825                   | 7.4940           |                                |                                 | 39.9893                                  | 51.8615                              |  |                                       |                     |
| 25/03/2015           | 91.9177           | 0.0000                           | 0.2167               | 0.2167                   | 7.6430           |                                |                                 | 40.0098                                  | 51.8571                              |  |                                       |                     |
| 26/03/2015           | 90.5968           | 0.0000                           | 0.4209               | 0.4209                   | 8.8640           |                                |                                 | 40.2156                                  | 51.8780                              |  |                                       |                     |
| 27/03/2015           | 90.9568           | 0.0000                           | 0.3226               | 0.3226                   | 8.5710           |                                |                                 | 40.1889                                  | 51.9081                              |  |                                       |                     |
| 28/03/2015           | 91.1221           | 0.0000                           | 0.2789               | 0.2789                   | 8.4380           |                                |                                 | 40.1748                                  | 51.9199                              |  |                                       |                     |
| 29/03/2015           | 91.1143           | 0.0000                           | 0.2652               | 0.2652                   | 8.4580           |                                |                                 | 40.1864                                  | 51.9326                              |  |                                       |                     |
| 30/03/2015           | 91.1120           | 0.0000                           | 0.2537               | 0.2537                   | 8.4710           |                                |                                 | 40.1950                                  | 51.9427                              |  |                                       |                     |
| 31/03/2015           | 91.1089           | 0.0000                           | 0.2429               | 0.2429                   | 8.4850           |                                |                                 | 40.2032                                  | 51.9520                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 90.0817 | 0.0000 | 0.1441 | 0.1441 | 5.5220 |  |  | 39.5341 | 51.6429 |  |  |  |
| <b>Promedio</b>   | 91.4813 | 0.0000 | 0.2671 | 0.2671 | 8.0637 |  |  | 40.0906 | 51.8799 |  |  |  |
| <b>Máximo</b>     | 93.9799 | 0.0000 | 0.4209 | 0.4209 | 9.5560 |  |  | 40.4807 | 52.1047 |  |  |  |
| <b>Desv. Est.</b> | 1.1011  | 0.0000 | 0.0812 | 0.0812 | 1.1102 |  |  | 0.2424  | 0.1063  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)



|                           |                                 |
|---------------------------|---------------------------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |
| <b>PUNTO DE MEDICIÓN:</b> | Madero I                        |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  |

**PROMEDIO/DIA**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                   | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )             | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                               | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.8150           | 0.9829                        | 0.2339               | 1.2168                   | 4.6920           |                             |                                 | 38.8298                                  | 50.5020                              |   |                                       |                     |
| 02/03/2015           | 93.6690           | 0.9375                        | 0.2341               | 1.1715                   | 4.8360           |                             |                                 | 38.9225                                  | 50.5859                              |   |                                       |                     |
| 03/03/2015           | 93.6059           | 0.9400                        | 0.2366               | 1.1766                   | 4.8900           |                             |                                 | 38.9388                                  | 50.5923                              |   |                                       |                     |
| 04/03/2015           | 93.7276           | 0.9917                        | 0.2410               | 1.2328                   | 4.6780           |                             |                                 | 38.8839                                  | 50.5231                              |   |                                       |                     |
| 05/03/2015           | 93.5533           | 1.0005                        | 0.2412               | 1.2417                   | 4.8730           |                             |                                 | 38.9143                                  | 50.5345                              |   |                                       |                     |
| 06/03/2015           | 93.5652           | 0.9944                        | 0.2402               | 1.2345                   | 4.8700           |                             |                                 | 38.9110                                  | 50.5374                              |   |                                       |                     |
| 07/03/2015           | 93.5233           | 1.0008                        | 0.2425               | 1.2433                   | 4.9310           |                             |                                 | 38.9053                                  | 50.5289                              |   |                                       |                     |
| 08/03/2015           | 93.5463           | 0.9889                        | 0.2328               | 1.2217                   | 4.9610           |                             |                                 | 38.9022                                  | 50.5398                              |   |                                       |                     |
| 09/03/2015           | 93.5280           | 0.9850                        | 0.2307               | 1.2157                   | 4.9760           |                             |                                 | 38.9170                                  | 50.5517                              |   |                                       |                     |
| 10/03/2015           | 93.5225           | 0.9724                        | 0.2354               | 1.2078                   | 4.9720           |                             |                                 | 38.9298                                  | 50.5656                              |   |                                       |                     |
| 11/03/2015           | 93.4708           | 1.0013                        | 0.2363               | 1.2376                   | 5.0220           |                             |                                 | 38.9135                                  | 50.5361                              |   |                                       |                     |
| 12/03/2015           | 93.5368           | 1.0248                        | 0.2392               | 1.2640                   | 4.8940           |                             |                                 | 38.8944                                  | 50.5075                              |   |                                       |                     |
| 13/03/2015           | 93.6420           | 1.0195                        | 0.2353               | 1.2549                   | 4.8100           |                             |                                 | 38.8648                                  | 50.4959                              |   |                                       |                     |
| 14/03/2015           | 93.7094           | 0.9749                        | 0.2380               | 1.2129                   | 4.7480           |                             |                                 | 38.8896                                  | 50.5395                              |   |                                       |                     |
| 15/03/2015           | 93.3980           | 1.0073                        | 0.2759               | 1.2833                   | 4.9760           |                             |                                 | 38.9293                                  | 50.5227                              |   |                                       |                     |
| 16/03/2015           | 93.6404           | 1.0147                        | 0.2595               | 1.2742                   | 4.7480           |                             |                                 | 38.8665                                  | 50.4892                              |   |                                       |                     |
| 17/03/2015           | 93.7819           | 1.0150                        | 0.2430               | 1.2580                   | 4.6320           |                             |                                 | 38.8355                                  | 50.4787                              |   |                                       |                     |
| 18/03/2015           | 93.7979           | 1.0175                        | 0.2298               | 1.2473                   | 4.6480           |                             |                                 | 38.8314                                  | 50.4807                              |   |                                       |                     |
| 19/03/2015           | 93.7798           | 1.0118                        | 0.2223               | 1.2341                   | 4.6840           |                             |                                 | 38.8456                                  | 50.4962                              |   |                                       |                     |
| 20/03/2015           | 93.8146           | 1.0019                        | 0.2228               | 1.2247                   | 4.6540           |                             |                                 | 38.8416                                  | 50.5005                              |   |                                       |                     |
| 21/03/2015           | 93.8071           | 0.9873                        | 0.2303               | 1.2175                   | 4.6620           |                             |                                 | 38.8483                                  | 50.5111                              |   |                                       |                     |
| 22/03/2015           | 93.7340           | 0.9916                        | 0.2360               | 1.2276                   | 4.6710           |                             |                                 | 38.8840                                  | 50.5256                              |   |                                       |                     |
| 23/03/2015           | 93.7890           | 0.9807                        | 0.2218               | 1.2025                   | 4.6790           |                             |                                 | 38.8728                                  | 50.5332                              |   |                                       |                     |
| 24/03/2015           | 93.8413           | 0.9658                        | 0.2245               | 1.1903                   | 4.6520           |                             |                                 | 38.8620                                  | 50.5361                              |   |                                       |                     |
| 25/03/2015           | 93.7286           | 0.9830                        | 0.2219               | 1.2048                   | 4.7810           |                             |                                 | 38.8710                                  | 50.5310                              |   |                                       |                     |
| 26/03/2015           | 93.6506           | 0.9796                        | 0.2219               | 1.2015                   | 4.8770           |                             |                                 | 38.8916                                  | 50.5449                              |   |                                       |                     |
| 27/03/2015           | 93.7498           | 0.9918                        | 0.2236               | 1.2153                   | 4.7580           |                             |                                 | 38.8530                                  | 50.5140                              |   |                                       |                     |
| 28/03/2015           | 93.7520           | 0.9823                        | 0.2210               | 1.2033                   | 4.7400           |                             |                                 | 38.8655                                  | 50.5284                              |   |                                       |                     |
| 29/03/2015           | 93.8003           | 0.9783                        | 0.2182               | 1.1965                   | 4.7330           |                             |                                 | 38.8491                                  | 50.5232                              |   |                                       |                     |
| 30/03/2015           | 93.8008           | 0.9878                        | 0.2279               | 1.2157                   | 4.7070           |                             |                                 | 38.8397                                  | 50.5068                              |   |                                       |                     |
| 31/03/2015           | 93.7728           | 1.0113                        | 0.2293               | 1.2406                   | 4.7040           |                             |                                 | 38.8325                                  | 50.4860                              |   |                                       |                     |

\* / Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.3980 | 0.9375 | 0.2182 | 1.1715 | 4.6320 |  |  | 38.8298 | 50.4787 |  |  |  |
| <b>Promedio</b>   | 93.6792 | 0.9910 | 0.2338 | 1.2248 | 4.7890 |  |  | 38.8786 | 50.5241 |  |  |  |
| <b>Máximo</b>     | 93.8413 | 1.0248 | 0.2759 | 1.2833 | 5.0220 |  |  | 38.9388 | 50.5923 |  |  |  |
| <b>Desv. Est.</b> | 0.1230  | 0.0206 | 0.0118 | 0.0265 | 0.1201 |  |  | 0.0334  | 0.0275  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquimica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Madero II  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.5454           | 0.8153                           | 0.2284               | 1.0437                   | 4.9120           |                                |                                 | 39.0979                                  | 50.7717                              |  |                                       |                     |
| 02/03/2015           | 93.4601           | 0.7668                           | 0.2285               | 0.9953                   | 4.9940           |                                |                                 | 39.1773                                  | 50.8498                              |  |                                       |                     |
| 03/03/2015           | 93.3008           | 0.7263                           | 0.2278               | 0.9540                   | 5.1410           |                                |                                 | 39.2679                                  | 50.9292                              |  |                                       |                     |
| 04/03/2015           | 93.3335           | 0.7181                           | 0.2208               | 0.9389                   | 5.0020           |                                |                                 | 39.3148                                  | 50.9638                              |  |                                       |                     |
| 05/03/2015           | 93.1164           | 0.7947                           | 0.2234               | 1.0181                   | 5.1150           |                                |                                 | 39.3285                                  | 50.9177                              |  |                                       |                     |
| 06/03/2015           | 93.1752           | 0.8000                           | 0.2208               | 1.0208                   | 5.0790           |                                |                                 | 39.2971                                  | 50.8976                              |  |                                       |                     |
| 07/03/2015           | 93.1660           | 0.8380                           | 0.2282               | 1.0662                   | 5.1220           |                                |                                 | 39.2403                                  | 50.8362                              |  |                                       |                     |
| 08/03/2015           | 93.1981           | 0.8325                           | 0.2208               | 1.0534                   | 5.1430           |                                |                                 | 39.2260                                  | 50.8354                              |  |                                       |                     |
| 09/03/2015           | 93.1028           | 0.7894                           | 0.2111               | 1.0005                   | 5.1970           |                                |                                 | 39.3228                                  | 50.9240                              |  |                                       |                     |
| 10/03/2015           | 93.0858           | 0.7763                           | 0.2142               | 0.9905                   | 5.2010           |                                |                                 | 39.3416                                  | 50.9420                              |  |                                       |                     |
| 11/03/2015           | 93.1363           | 0.7855                           | 0.2275               | 1.0130                   | 5.2510           |                                |                                 | 39.2683                                  | 50.8888                              |  |                                       |                     |
| 12/03/2015           | 93.4268           | 0.8122                           | 0.2733               | 1.0855                   | 5.1540           |                                |                                 | 39.0511                                  | 50.7276                              |  |                                       |                     |
| 13/03/2015           | 93.5305           | 0.8084                           | 0.2650               | 1.0735                   | 5.0790           |                                |                                 | 39.0226                                  | 50.7179                              |  |                                       |                     |
| 14/03/2015           | 93.5548           | 0.7678                           | 0.2656               | 1.0334                   | 5.0690           |                                |                                 | 39.0589                                  | 50.7661                              |  |                                       |                     |
| 15/03/2015           | 93.5100           | 0.7960                           | 0.2680               | 1.0640                   | 5.1010           |                                |                                 | 39.0440                                  | 50.7308                              |  |                                       |                     |
| 16/03/2015           | 93.5100           | 0.7960                           | 0.2680               | 1.0640                   | 5.1010           |                                |                                 | 39.0440                                  | 50.7308                              |  |                                       |                     |
| 17/03/2015           | 93.5713           | 0.8405                           | 0.2728               | 1.1133                   | 4.8580           |                                |                                 | 39.0346                                  | 50.6984                              |  |                                       |                     |
| 18/03/2015           | 93.6408           | 0.8905                           | 0.2473               | 1.1378                   | 4.7890           |                                |                                 | 38.9913                                  | 50.6509                              |  |                                       |                     |
| 19/03/2015           | 93.6302           | 0.8805                           | 0.2357               | 1.1162                   | 4.8280           |                                |                                 | 39.0073                                  | 50.6721                              |  |                                       |                     |
| 20/03/2015           | 93.6793           | 0.9267                           | 0.2423               | 1.1690                   | 4.7640           |                                |                                 | 38.9464                                  | 50.6027                              |  |                                       |                     |
| 21/03/2015           | 93.6726           | 0.8845                           | 0.2422               | 1.1267                   | 4.7870           |                                |                                 | 38.9808                                  | 50.6515                              |  |                                       |                     |
| 22/03/2015           | 93.5369           | 0.8509                           | 0.2421               | 1.0930                   | 4.8640           |                                |                                 | 39.0764                                  | 50.7286                              |  |                                       |                     |
| 23/03/2015           | 93.5833           | 0.8495                           | 0.2266               | 1.0761                   | 4.8670           |                                |                                 | 39.0639                                  | 50.7295                              |  |                                       |                     |
| 24/03/2015           | 93.6292           | 0.8253                           | 0.2283               | 1.0536                   | 4.8440           |                                |                                 | 39.0664                                  | 50.7470                              |  |                                       |                     |
| 25/03/2015           | 93.5532           | 0.8529                           | 0.2301               | 1.0830                   | 4.9370           |                                |                                 | 39.0496                                  | 50.7179                              |  |                                       |                     |
| 26/03/2015           | 93.5010           | 0.8533                           | 0.2311               | 1.0844                   | 5.0060           |                                |                                 | 39.0584                                  | 50.7230                              |  |                                       |                     |
| 27/03/2015           | 93.5381           | 0.8431                           | 0.2283               | 1.0714                   | 4.9500           |                                |                                 | 39.0643                                  | 50.7337                              |  |                                       |                     |
| 28/03/2015           | 93.6089           | 0.8842                           | 0.2348               | 1.1189                   | 4.8470           |                                |                                 | 39.0039                                  | 50.6682                              |  |                                       |                     |
| 29/03/2015           | 93.6819           | 0.9096                           | 0.2303               | 1.1399                   | 4.7960           |                                |                                 | 38.9590                                  | 50.6273                              |  |                                       |                     |
| 30/03/2015           | 93.6148           | 0.8772                           | 0.2345               | 1.1117                   | 4.8220           |                                |                                 | 39.0212                                  | 50.6828                              |  |                                       |                     |
| 31/03/2015           | 93.5387           | 0.8596                           | 0.2307               | 1.0903                   | 4.8570           |                                |                                 | 39.0775                                  | 50.7285                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.0858 | 0.7181 | 0.2111 | 0.9389 | 4.7640 |  |  | 38.9464 | 50.6027 |  |  |  |
| <b>Promedio</b>   | 93.4559 | 0.8275 | 0.2370 | 1.0645 | 4.9831 |  |  | 39.1130 | 50.7675 |  |  |  |
| <b>Máximo</b>     | 93.6819 | 0.9267 | 0.2733 | 1.1690 | 5.2510 |  |  | 39.3416 | 50.9638 |  |  |  |
| <b>Desv. Est.</b> | 0.1941  | 0.0504 | 0.0176 | 0.0547 | 0.1473 |  |  | 0.1240  | 0.1020  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Iberdrola Altamira   |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.6773           | 0.8304                           | 0.2434               | 1.0738                   | 4.7570           |                                |                                 | 39.0386                                  | 50.7189                              |  |                                       |                     |
| 02/03/2015           | 93.5525           | 0.7780                           | 0.2434               | 1.0213                   | 4.8790           |                                |                                 | 39.1320                                  | 50.8078                              |  |                                       |                     |
| 03/03/2015           | 93.4432           | 0.7355                           | 0.2423               | 0.9778                   | 4.9690           |                                |                                 | 39.2135                                  | 50.8836                              |  |                                       |                     |
| 04/03/2015           | 93.4371           | 0.7336                           | 0.2338               | 0.9674                   | 4.8690           |                                |                                 | 39.2652                                  | 50.9175                              |  |                                       |                     |
| 05/03/2015           | 93.2746           | 0.8069                           | 0.2359               | 1.0428                   | 4.9470           |                                |                                 | 39.2599                                  | 50.8630                              |  |                                       |                     |
| 06/03/2015           | 93.2861           | 0.8197                           | 0.2351               | 1.0548                   | 4.9460           |                                |                                 | 39.2392                                  | 50.8430                              |  |                                       |                     |
| 07/03/2015           | 93.2998           | 0.8513                           | 0.2428               | 1.0941                   | 4.9720           |                                |                                 | 39.1803                                  | 50.7847                              |  |                                       |                     |
| 08/03/2015           | 93.3248           | 0.8459                           | 0.2349               | 1.0808                   | 4.9950           |                                |                                 | 39.1707                                  | 50.7867                              |  |                                       |                     |
| 09/03/2015           | 93.2209           | 0.7988                           | 0.2234               | 1.0222                   | 5.0540           |                                |                                 | 39.2756                                  | 50.8833                              |  |                                       |                     |
| 10/03/2015           | 93.2300           | 0.7873                           | 0.2298               | 1.0171                   | 5.0400           |                                |                                 | 39.2793                                  | 50.8904                              |  |                                       |                     |
| 11/03/2015           | 93.2853           | 0.7975                           | 0.2470               | 1.0444                   | 5.0990           |                                |                                 | 39.1963                                  | 50.8293                              |  |                                       |                     |
| 12/03/2015           | 93.5661           | 0.8268                           | 0.2893               | 1.1161                   | 4.9900           |                                |                                 | 38.9892                                  | 50.6732                              |  |                                       |                     |
| 13/03/2015           | 93.6465           | 0.8202                           | 0.2825               | 1.1027                   | 4.9360           |                                |                                 | 38.9697                                  | 50.6699                              |  |                                       |                     |
| 14/03/2015           | 93.7004           | 0.7718                           | 0.2837               | 1.0555                   | 4.9030           |                                |                                 | 38.9960                                  | 50.7176                              |  |                                       |                     |
| 15/03/2015           | 93.4263           | 0.8320                           | 0.3069               | 1.1389                   | 5.0170           |                                |                                 | 39.0417                                  | 50.6911                              |  |                                       |                     |
| 16/03/2015           | 93.5550           | 0.8409                           | 0.2821               | 1.1230                   | 4.8000           |                                |                                 | 39.0537                                  | 50.7027                              |  |                                       |                     |
| 17/03/2015           | 93.7146           | 0.8762                           | 0.2688               | 1.1450                   | 4.6680           |                                |                                 | 38.9775                                  | 50.6412                              |  |                                       |                     |
| 18/03/2015           | 93.7552           | 0.9025                           | 0.2570               | 1.1595                   | 4.6570           |                                |                                 | 38.9426                                  | 50.6086                              |  |                                       |                     |
| 19/03/2015           | 93.7320           | 0.8943                           | 0.2470               | 1.1413                   | 4.7000           |                                |                                 | 38.9619                                  | 50.6299                              |  |                                       |                     |
| 20/03/2015           | 93.8260           | 0.9418                           | 0.2522               | 1.1940                   | 4.6060           |                                |                                 | 38.8815                                  | 50.5492                              |  |                                       |                     |
| 21/03/2015           | 93.7769           | 0.8925                           | 0.2530               | 1.1455                   | 4.6600           |                                |                                 | 38.9396                                  | 50.6157                              |  |                                       |                     |
| 22/03/2015           | 93.6632           | 0.8668                           | 0.2510               | 1.1178                   | 4.7200           |                                |                                 | 39.0207                                  | 50.6802                              |  |                                       |                     |
| 23/03/2015           | 93.7145           | 0.8566                           | 0.2365               | 1.0931                   | 4.7230           |                                |                                 | 39.0130                                  | 50.6895                              |  |                                       |                     |
| 24/03/2015           | 93.7461           | 0.8390                           | 0.2382               | 1.0771                   | 4.7100           |                                |                                 | 39.0141                                  | 50.7015                              |  |                                       |                     |
| 25/03/2015           | 93.6809           | 0.8694                           | 0.2419               | 1.1113                   | 4.7890           |                                |                                 | 38.9908                                  | 50.6658                              |  |                                       |                     |
| 26/03/2015           | 93.6138           | 0.8638                           | 0.2415               | 1.1053                   | 4.8760           |                                |                                 | 39.0106                                  | 50.6813                              |  |                                       |                     |
| 27/03/2015           | 93.6605           | 0.8547                           | 0.2357               | 1.0903                   | 4.8090           |                                |                                 | 39.0163                                  | 50.6932                              |  |                                       |                     |
| 28/03/2015           | 93.7382           | 0.9010                           | 0.2434               | 1.1444                   | 4.6980           |                                |                                 | 38.9484                                  | 50.6194                              |  |                                       |                     |
| 29/03/2015           | 93.8126           | 0.9259                           | 0.2428               | 1.1686                   | 4.6500           |                                |                                 | 38.8976                                  | 50.5737                              |  |                                       |                     |
| 30/03/2015           | 93.7383           | 0.8865                           | 0.2452               | 1.1317                   | 4.6810           |                                |                                 | 38.9715                                  | 50.6413                              |  |                                       |                     |
| 31/03/2015           | 93.6743           | 0.8843                           | 0.2416               | 1.1259                   | 4.7070           |                                |                                 | 39.0079                                  | 50.6650                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.2209 | 0.7336 | 0.2234 | 0.9674 | 4.6060 |  |  | 38.8815 | 50.5492 |  |  |  |
| <b>Promedio</b>   | 93.5733 | 0.8429 | 0.2501 | 1.0930 | 4.8331 |  |  | 39.0611 | 50.7199 |  |  |  |
| <b>Máximo</b>     | 93.8260 | 0.9418 | 0.3069 | 1.1940 | 5.0990 |  |  | 39.2793 | 50.9175 |  |  |  |
| <b>Desv. Est.</b> | 0.1921  | 0.0511 | 0.0196 | 0.0553 | 0.1448 |  |  | 0.1214  | 0.1011  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Zacate Colorado  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 91.8019           | 0.0229                           | 0.5978               | 0.6208                   | 7.5580           |                                |                                 | 39.7098                                  | 51.4999                              |  |                                       |                     |
| 02/03/2015           | 91.6479           | 0.0041                           | 0.6008               | 0.6049                   | 7.7240           |                                |                                 | 39.7657                                  | 51.5430                              |  |                                       |                     |
| 03/03/2015           | 91.6518           | 0.0161                           | 0.6013               | 0.6174                   | 7.7080           |                                |                                 | 39.7560                                  | 51.5289                              |  |                                       |                     |
| 04/03/2015           | 91.5656           | 0.0160                           | 0.6009               | 0.6169                   | 7.7880           |                                |                                 | 39.7829                                  | 51.5442                              |  |                                       |                     |
| 05/03/2015           | 91.5116           | 0.0224                           | 0.6010               | 0.6234                   | 7.8330           |                                |                                 | 39.7951                                  | 51.5465                              |  |                                       |                     |
| 06/03/2015           | 91.5123           | 0.0310                           | 0.6031               | 0.6340                   | 7.8080           |                                |                                 | 39.7918                                  | 51.5376                              |  |                                       |                     |
| 07/03/2015           | 91.5063           | 0.0240                           | 0.6060               | 0.6300                   | 7.8440           |                                |                                 | 39.7883                                  | 51.5392                              |  |                                       |                     |
| 08/03/2015           | 91.4993           | 0.0165                           | 0.6068               | 0.6234                   | 7.8550           |                                |                                 | 39.7956                                  | 51.5482                              |  |                                       |                     |
| 09/03/2015           | 91.4798           | 0.0146                           | 0.6060               | 0.6205                   | 7.8790           |                                |                                 | 39.8027                                  | 51.5539                              |  |                                       |                     |
| 10/03/2015           | 91.4814           | 0.0189                           | 0.6072               | 0.6260                   | 7.8550           |                                |                                 | 39.8144                                  | 51.5568                              |  |                                       |                     |
| 11/03/2015           | 91.4524           | 0.0283                           | 0.5995               | 0.6278                   | 7.8890           |                                |                                 | 39.8150                                  | 51.5540                              |  |                                       |                     |
| 12/03/2015           | 91.4711           | 0.0228                           | 0.6095               | 0.6323                   | 7.8770           |                                |                                 | 39.7968                                  | 51.5432                              |  |                                       |                     |
| 13/03/2015           | 91.5151           | 0.0103                           | 0.6062               | 0.6165                   | 7.8490           |                                |                                 | 39.7949                                  | 51.5524                              |  |                                       |                     |
| 14/03/2015           | 91.5067           | 0.0131                           | 0.6060               | 0.6191                   | 7.8420           |                                |                                 | 39.8017                                  | 51.5540                              |  |                                       |                     |
| 15/03/2015           | 91.5108           | 0.0084                           | 0.6029               | 0.6113                   | 7.8580           |                                |                                 | 39.7999                                  | 51.5581                              |  |                                       |                     |
| 16/03/2015           | 91.4993           | 0.0135                           | 0.6000               | 0.6135                   | 7.8680           |                                |                                 | 39.8015                                  | 51.5567                              |  |                                       |                     |
| 17/03/2015           | 91.5085           | 0.0085                           | 0.6001               | 0.6085                   | 7.8630           |                                |                                 | 39.8020                                  | 51.5604                              |  |                                       |                     |
| 18/03/2015           | 91.5644           | 0.0114                           | 0.6000               | 0.6115                   | 7.8040           |                                |                                 | 39.7845                                  | 51.5487                              |  |                                       |                     |
| 19/03/2015           | 91.5801           | 0.0113                           | 0.6014               | 0.6127                   | 7.7830           |                                |                                 | 39.7801                                  | 51.5456                              |  |                                       |                     |
| 20/03/2015           | 91.5526           | 0.0147                           | 0.5974               | 0.6121                   | 7.8040           |                                |                                 | 39.7904                                  | 51.5509                              |  |                                       |                     |
| 21/03/2015           | 91.5401           | 0.0112                           | 0.6115               | 0.6228                   | 7.8070           |                                |                                 | 39.7869                                  | 51.5449                              |  |                                       |                     |
| 22/03/2015           | 91.5284           | 0.0150                           | 0.6044               | 0.6195                   | 7.8270           |                                |                                 | 39.7908                                  | 51.5476                              |  |                                       |                     |
| 23/03/2015           | 91.5594           | 0.0172                           | 0.6006               | 0.6178                   | 7.7990           |                                |                                 | 39.7823                                  | 51.5431                              |  |                                       |                     |
| 24/03/2015           | 91.5279           | 0.0185                           | 0.6039               | 0.6225                   | 7.8270           |                                |                                 | 39.7880                                  | 51.5439                              |  |                                       |                     |
| 25/03/2015           | 91.5423           | 0.0221                           | 0.6016               | 0.6237                   | 7.8120           |                                |                                 | 39.7829                                  | 51.5396                              |  |                                       |                     |
| 26/03/2015           | 91.7092           | 0.0240                           | 0.6031               | 0.6271                   | 7.6410           |                                |                                 | 39.7333                                  | 51.5101                              |  |                                       |                     |
| 27/03/2015           | 91.2873           | 0.0278                           | 0.6018               | 0.6296                   | 7.6180           |                                |                                 | 40.0128                                  | 51.6601                              |  |                                       |                     |
| 28/03/2015           | 91.4395           | 0.0120                           | 0.6058               | 0.6179                   | 7.9090           |                                |                                 | 39.8193                                  | 51.5649                              |  |                                       |                     |
| 29/03/2015           | 91.4503           | 0.0111                           | 0.6136               | 0.6247                   | 7.9070           |                                |                                 | 39.8075                                  | 51.5555                              |  |                                       |                     |
| 30/03/2015           | 91.4361           | 0.0149                           | 0.6170               | 0.6318                   | 7.9130           |                                |                                 | 39.8070                                  | 51.5510                              |  |                                       |                     |
| 31/03/2015           | 91.4480           | 0.0166                           | 0.6144               | 0.6310                   | 7.9010           |                                |                                 | 39.8048                                  | 51.5499                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 91.2873 | 0.0041 | 0.5974 | 0.6049 | 7.5580 |  |  | 39.7098 | 51.4999 |  |  |  |
| <b>Promedio</b>   | 91.5254 | 0.0168 | 0.6042 | 0.6210 | 7.8145 |  |  | 39.7963 | 51.5494 |  |  |  |
| <b>Máximo</b>     | 91.8019 | 0.0310 | 0.6170 | 0.6340 | 7.9130 |  |  | 40.0128 | 51.6601 |  |  |  |
| <b>Desv. Est.</b> | 0.0911  | 0.0064 | 0.0049 | 0.0075 | 0.0853 |  |  | 0.0461  | 0.0244  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | CPG Poza Rica  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.8030           | 0.7575                           | 0.2743               | 1.0318                   | 4.6150           |                                |                                 | 39.0488                                  | 50.7595                              |  |                                       |                     |
| 02/03/2015           | 93.9738           | 0.7703                           | 0.2740               | 1.0443                   | 4.4900           |                                |                                 | 38.9738                                  | 50.7085                              |  |                                       |                     |
| 03/03/2015           | 93.8180           | 0.7333                           | 0.2796               | 1.0129                   | 4.6390           |                                |                                 | 39.0549                                  | 50.7773                              |  |                                       |                     |
| 04/03/2015           | 93.7905           | 0.6936                           | 0.2740               | 0.9677                   | 4.6110           |                                |                                 | 39.1281                                  | 50.8483                              |  |                                       |                     |
| 05/03/2015           | 93.5847           | 0.7018                           | 0.2628               | 0.9645                   | 4.7130           |                                |                                 | 39.2258                                  | 50.9027                              |  |                                       |                     |
| 06/03/2015           | 93.6468           | 0.7679                           | 0.2664               | 1.0343                   | 4.6110           |                                |                                 | 39.1485                                  | 50.8118                              |  |                                       |                     |
| 07/03/2015           | 93.5722           | 0.7794                           | 0.2691               | 1.0485                   | 4.7020           |                                |                                 | 39.1474                                  | 50.8022                              |  |                                       |                     |
| 08/03/2015           | 93.6286           | 0.8071                           | 0.2703               | 1.0774                   | 4.6930           |                                |                                 | 39.0852                                  | 50.7475                              |  |                                       |                     |
| 09/03/2015           | 93.5971           | 0.7885                           | 0.2651               | 1.0536                   | 4.7300           |                                |                                 | 39.1178                                  | 50.7812                              |  |                                       |                     |
| 10/03/2015           | 93.5325           | 0.7347                           | 0.2567               | 0.9914                   | 4.7640           |                                |                                 | 39.2090                                  | 50.8735                              |  |                                       |                     |
| 11/03/2015           | 92.9840           | 0.5229                           | 0.2156               | 0.7385                   | 5.6250           |                                |                                 | 39.2918                                  | 51.0626                              |  |                                       |                     |
| 12/03/2015           | 93.4457           | 0.7808                           | 0.2747               | 1.0555                   | 5.0800           |                                |                                 | 39.0708                                  | 50.7543                              |  |                                       |                     |
| 13/03/2015           | 93.6880           | 0.8306                           | 0.2928               | 1.1234                   | 4.8630           |                                |                                 | 38.9468                                  | 50.6437                              |  |                                       |                     |
| 14/03/2015           | 93.6996           | 0.8194                           | 0.2853               | 1.1048                   | 4.8750           |                                |                                 | 38.9533                                  | 50.6587                              |  |                                       |                     |
| 15/03/2015           | 93.7604           | 0.7623                           | 0.2960               | 1.0583                   | 4.8300           |                                |                                 | 38.9786                                  | 50.7075                              |  |                                       |                     |
| 16/03/2015           | 93.4990           | 0.8333                           | 0.3065               | 1.1398                   | 4.9160           |                                |                                 | 39.0280                                  | 50.6815                              |  |                                       |                     |
| 17/03/2015           | 93.6274           | 0.8509                           | 0.2847               | 1.1356                   | 4.7110           |                                |                                 | 39.0235                                  | 50.6760                              |  |                                       |                     |
| 18/03/2015           | 93.8102           | 0.8879                           | 0.2706               | 1.1585                   | 4.5700           |                                |                                 | 38.9354                                  | 50.6071                              |  |                                       |                     |
| 19/03/2015           | 93.8596           | 0.8975                           | 0.2565               | 1.1541                   | 4.5800           |                                |                                 | 38.9064                                  | 50.5905                              |  |                                       |                     |
| 20/03/2015           | 93.7613           | 0.9097                           | 0.2548               | 1.1644                   | 4.6490           |                                |                                 | 38.9367                                  | 50.6001                              |  |                                       |                     |
| 21/03/2015           | 93.9293           | 0.9447                           | 0.2567               | 1.2013                   | 4.5010           |                                |                                 | 38.8406                                  | 50.5207                              |  |                                       |                     |
| 22/03/2015           | 93.7723           | 0.8731                           | 0.2582               | 1.1313                   | 4.6450           |                                |                                 | 38.9598                                  | 50.6368                              |  |                                       |                     |
| 23/03/2015           | 93.8049           | 0.8835                           | 0.2527               | 1.1362                   | 4.5790           |                                |                                 | 38.9599                                  | 50.6322                              |  |                                       |                     |
| 24/03/2015           | 93.7732           | 0.8408                           | 0.2430               | 1.0838                   | 4.6530           |                                |                                 | 39.0065                                  | 50.6925                              |  |                                       |                     |
| 25/03/2015           | 93.7622           | 0.8419                           | 0.2452               | 1.0871                   | 4.7100           |                                |                                 | 38.9896                                  | 50.6814                              |  |                                       |                     |
| 26/03/2015           | 93.7080           | 0.8755                           | 0.2493               | 1.1248                   | 4.7550           |                                |                                 | 38.8101                                  | 50.4375                              |  |                                       |                     |
| 27/03/2015           | 93.7217           | 0.8697                           | 0.2477               | 1.1173                   | 4.7490           |                                |                                 | 38.8913                                  | 50.5468                              |  |                                       |                     |
| 28/03/2015           | 93.7618           | 0.8599                           | 0.2457               | 1.1055                   | 4.7080           |                                |                                 | 38.9678                                  | 50.6564                              |  |                                       |                     |
| 29/03/2015           | 93.7947           | 0.9160                           | 0.2461               | 1.1621                   | 4.6250           |                                |                                 | 38.9195                                  | 50.5900                              |  |                                       |                     |
| 30/03/2015           | 93.8463           | 0.8999                           | 0.2515               | 1.1514                   | 4.5800           |                                |                                 | 38.9163                                  | 50.5967                              |  |                                       |                     |
| 31/03/2015           | 93.7745           | 0.8807                           | 0.2499               | 1.1305                   | 4.6180           |                                |                                 | 38.9692                                  | 50.6406                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 92.9840 | 0.5229 | 0.2156 | 0.7385 | 4.4900 |  |  | 38.8101 | 50.4375 |  |  |  |
| <b>Promedio</b>   | 93.7010 | 0.8166 | 0.2637 | 1.0803 | 4.7223 |  |  | 39.0142 | 50.6976 |  |  |  |
| <b>Máximo</b>     | 93.9738 | 0.9447 | 0.3065 | 1.2013 | 5.6250 |  |  | 39.2918 | 51.0626 |  |  |  |
| <b>Desv. Est.</b> | 0.1798  | 0.0855 | 0.0186 | 0.0876 | 0.2088 |  |  | 0.1128  | 0.1248  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Raudal                          |              |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| ZZZZZZZZ             | 98.6900           | 0.1400                           | 0.1200               | 0.2600                   | 0.6300           |                                |                                 | 38.1189                                  | 50.6902                              |  |                                       |                     |
| 02/03/2015           | 98.6600           | 0.1500                           | 0.1200               | 0.2700                   | 0.6300           |                                |                                 | 38.1404                                  | 50.6919                              |  |                                       |                     |
| 03/03/2015           | 98.6700           | 0.1500                           | 0.1200               | 0.2700                   | 0.6300           |                                |                                 | 38.1341                                  | 50.6881                              |  |                                       |                     |
| 04/03/2015           | 98.7000           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1326                                  | 50.6905                              |  |                                       |                     |
| 05/03/2015           | 98.7000           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1165                                  | 50.6826                              |  |                                       |                     |
| 06/03/2015           | 98.6900           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1204                                  | 50.6833                              |  |                                       |                     |
| 07/03/2015           | 98.7000           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1267                                  | 50.6871                              |  |                                       |                     |
| 08/03/2015           | 98.6900           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1326                                  | 50.6905                              |  |                                       |                     |
| 09/03/2015           | 98.6800           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1400                                  | 50.6959                              |  |                                       |                     |
| 10/03/2015           | 98.6700           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1482                                  | 50.6978                              |  |                                       |                     |
| 11/03/2015           | 98.6700           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1482                                  | 50.6978                              |  |                                       |                     |
| 12/03/2015           | 98.7100           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1079                                  | 50.6801                              |  |                                       |                     |
| 13/03/2015           | 98.7200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1087                                  | 50.6811                              |  |                                       |                     |
| 14/03/2015           | 98.7100           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1040                                  | 50.6793                              |  |                                       |                     |
| 15/03/2015           | 98.7200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1099                                  | 50.6827                              |  |                                       |                     |
| 16/03/2015           | 98.7200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1075                                  | 50.6796                              |  |                                       |                     |
| 17/03/2015           | 98.7100           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1091                                  | 50.6816                              |  |                                       |                     |
| 18/03/2015           | 98.7200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1067                                  | 50.6785                              |  |                                       |                     |
| 19/03/2015           | 98.7300           | 0.1500                           | 0.1100               | 0.2600                   | 0.6100           |                                |                                 | 38.1044                                  | 50.6799                              |  |                                       |                     |
| 20/03/2015           | 98.7200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1075                                  | 50.6796                              |  |                                       |                     |
| 21/03/2015           | 98.7200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1075                                  | 50.6796                              |  |                                       |                     |
| 22/03/2015           | 98.7300           | 0.1500                           | 0.1100               | 0.2600                   | 0.6100           |                                |                                 | 38.1052                                  | 50.6764                              |  |                                       |                     |
| 23/03/2015           | 98.7000           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1318                                  | 50.6939                              |  |                                       |                     |
| 24/03/2015           | 98.7000           | 0.1500                           | 0.1100               | 0.2600                   | 0.6200           |                                |                                 | 38.1318                                  | 50.6939                              |  |                                       |                     |
| 25/03/2015           | 98.6200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1513                                  | 50.6706                              |  |                                       |                     |
| 26/03/2015           | 98.7300           | 0.1500                           | 0.1100               | 0.2600                   | 0.6100           |                                |                                 | 38.1052                                  | 50.6764                              |  |                                       |                     |
| 27/03/2015           | 98.6700           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1474                                  | 50.6968                              |  |                                       |                     |
| 28/03/2015           | 98.6700           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1474                                  | 50.6968                              |  |                                       |                     |
| 29/03/2015           | 98.6200           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.2093                                  | 50.7342                              |  |                                       |                     |
| 30/03/2015           | 98.6700           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1102                                  | 50.7011                              |  |                                       |                     |
| 31/03/2015           | 98.6700           | 0.1500                           | 0.1100               | 0.2600                   | 0.6300           |                                |                                 | 38.1102                                  | 50.7011                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 98.6200 | 0.1400 | 0.1100 | 0.2600 | 0.6100 |  |  | 38.1040 | 50.6706 |  |  |  |
| <b>Promedio</b>   | 98.6929 | 0.1497 | 0.1110 | 0.2606 | 0.6248 |  |  | 38.1252 | 50.6883 |  |  |  |
| <b>Máximo</b>     | 98.7300 | 0.1500 | 0.1200 | 0.2700 | 0.6300 |  |  | 38.2093 | 50.7342 |  |  |  |
| <b>Desv. Est.</b> | 0.0290  | 0.0018 | 0.0030 | 0.0025 | 0.0068 |  |  | 0.0225  | 0.0119  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |                                 |
|---------------------------|---------------------------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |
| <b>PUNTO DE MEDICIÓN:</b> | Cd. Mendoza                     |
| <b>ZONA DE MEDICIÓN:</b>  | <b>SUR</b>                      |

**PROMEDIO/DIA**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 96.9671           | 0.1028                           | 0.9088               | 1.0116                   | 1.5050           |                                |                                 | 38.1870                                  | 50.4327                              |  |                                       |                     |
| 02/03/2015           | 97.4898           | 0.1063                           | 0.7211               | 0.8274                   | 1.2440           |                                |                                 | 38.1308                                  | 50.4883                              |  |                                       |                     |
| 03/03/2015           | 96.9018           | 0.1033                           | 0.9539               | 1.0571                   | 1.5310           |                                |                                 | 38.1733                                  | 50.4057                              |  |                                       |                     |
| 04/03/2015           | 97.5078           | 0.1091                           | 0.6914               | 0.8005                   | 1.2480           |                                |                                 | 38.1458                                  | 50.5097                              |  |                                       |                     |
| 05/03/2015           | 98.5631           | 0.1162                           | 0.2552               | 0.3714                   | 0.7120           |                                |                                 | 38.0939                                  | 50.6804                              |  |                                       |                     |
| 06/03/2015           | 98.3978           | 0.1152                           | 0.3268               | 0.4420                   | 0.7930           |                                |                                 | 38.0979                                  | 50.6497                              |  |                                       |                     |
| 07/03/2015           | 96.6671           | 0.1023                           | 1.0243               | 1.1266                   | 1.6620           |                                |                                 | 38.2096                                  | 50.3947                              |  |                                       |                     |
| 08/03/2015           | 97.0960           | 0.1048                           | 0.8455               | 0.9503                   | 1.4650           |                                |                                 | 38.1820                                  | 50.4600                              |  |                                       |                     |
| 09/03/2015           | 96.1373           | 0.0984                           | 1.2364               | 1.3348                   | 1.8990           |                                |                                 | 38.2560                                  | 50.3252                              |  |                                       |                     |
| 10/03/2015           | 95.4726           | 0.0933                           | 1.5020               | 1.5952                   | 2.2910           |                                |                                 | 38.2816                                  | 50.2209                              |  |                                       |                     |
| 11/03/2015           | 95.0304           | 0.0997                           | 1.6701               | 1.7698                   | 2.4900           |                                |                                 | 38.3266                                  | 50.1704                              |  |                                       |                     |
| 12/03/2015           | 95.3491           | 0.0963                           | 1.5913               | 1.6875                   | 2.3020           |                                |                                 | 38.2622                                  | 50.1676                              |  |                                       |                     |
| 13/03/2015           | 94.8321           | 0.0905                           | 1.8332               | 1.9237                   | 2.5630           |                                |                                 | 38.2606                                  | 50.0594                              |  |                                       |                     |
| 14/03/2015           | 95.2764           | 0.0918                           | 1.6480               | 1.7398                   | 2.3360           |                                |                                 | 38.2409                                  | 50.1318                              |  |                                       |                     |
| 15/03/2015           | 96.3670           | 0.0985                           | 1.1749               | 1.2734                   | 1.7640           |                                |                                 | 38.2207                                  | 50.3328                              |  |                                       |                     |
| 16/03/2015           | 96.6057           | 0.0990                           | 1.0680               | 1.1670                   | 1.6630           |                                |                                 | 38.2154                                  | 50.3790                              |  |                                       |                     |
| 17/03/2015           | 96.9589           | 0.1014                           | 0.9471               | 1.0485                   | 1.4860           |                                |                                 | 38.1704                                  | 50.4085                              |  |                                       |                     |
| 18/03/2015           | 96.1101           | 0.0960                           | 1.3490               | 1.4450                   | 1.8670           |                                |                                 | 38.1816                                  | 50.2319                              |  |                                       |                     |
| 19/03/2015           | 95.5512           | 0.0942                           | 1.6038               | 1.6980                   | 2.1020           |                                |                                 | 38.2066                                  | 50.1302                              |  |                                       |                     |
| 20/03/2015           | 95.7453           | 0.0961                           | 1.4921               | 1.5882                   | 2.0450           |                                |                                 | 38.2148                                  | 50.1849                              |  |                                       |                     |
| 21/03/2015           | 95.8957           | 0.0974                           | 1.4031               | 1.5005                   | 1.9940           |                                |                                 | 38.2227                                  | 50.2293                              |  |                                       |                     |
| 22/03/2015           | 95.9812           | 0.1004                           | 1.4019               | 1.5023                   | 1.9110           |                                |                                 | 38.1970                                  | 50.2131                              |  |                                       |                     |
| 23/03/2015           | 96.2092           | 0.1003                           | 1.3555               | 1.4558                   | 1.7680           |                                |                                 | 38.1447                                  | 50.2048                              |  |                                       |                     |
| 24/03/2015           | 95.6248           | 0.0951                           | 1.5670               | 1.6621                   | 2.0720           |                                |                                 | 38.2068                                  | 50.1466                              |  |                                       |                     |
| 25/03/2015           | 96.5028           | 0.1016                           | 1.1678               | 1.2694                   | 1.6540           |                                |                                 | 38.1869                                  | 50.3147                              |  |                                       |                     |
| 26/03/2015           | 96.6868           | 0.1035                           | 1.1390               | 1.2425                   | 1.5520           |                                |                                 | 38.1249                                  | 50.3081                              |  |                                       |                     |
| 27/03/2015           | 97.3295           | 0.1098                           | 0.8593               | 0.9691                   | 1.2170           |                                |                                 | 38.1074                                  | 50.4074                              |  |                                       |                     |
| 28/03/2015           | 97.6052           | 0.1091                           | 0.8032               | 0.9123                   | 1.0510           |                                |                                 | 38.0423                                  | 50.3973                              |  |                                       |                     |
| 29/03/2015           | 97.4525           | 0.1056                           | 0.9018               | 1.0074                   | 1.1310           |                                |                                 | 38.0114                                  | 50.3362                              |  |                                       |                     |
| 30/03/2015           | 96.8127           | 0.0965                           | 1.3157               | 1.4122                   | 1.3720           |                                |                                 | 37.9168                                  | 50.0962                              |  |                                       |                     |
| 31/03/2015           | 96.7218           | 0.0922                           | 1.5292               | 1.6214                   | 1.3070           |                                |                                 | 37.7844                                  | 49.9246                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.8321 | 0.0905 | 0.2552 | 0.3714 | 0.7120 |  |  | 37.7844 | 49.9246 |  |  |  |
| <b>Promedio</b>   | 96.5113 | 0.1009 | 1.1705 | 1.2714 | 1.6773 |  |  | 38.1614 | 50.3014 |  |  |  |
| <b>Máximo</b>     | 98.5631 | 0.1162 | 1.8332 | 1.9237 | 2.5630 |  |  | 38.3266 | 50.6804 |  |  |  |
| <b>Desv. Est.</b> | 0.9293  | 0.0065 | 0.3902 | 0.3842 | 0.4740 |  |  | 0.1085  | 0.1686  |  |  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquimica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | El Veinte   |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 98.4620           | 0.2281                           | 0.2985               | 0.5267                   | 0.5410           |                                |                                 | 38.0567                                  | 50.5603                              |  |                                       |                     |
| 02/03/2015           | 98.4565           | 0.2306                           | 0.2985               | 0.5291                   | 0.5420           |                                |                                 | 38.0578                                  | 50.5592                              |  |                                       |                     |
| 03/03/2015           | 98.4557           | 0.2307                           | 0.2985               | 0.5292                   | 0.5420           |                                |                                 | 38.0583                                  | 50.5594                              |  |                                       |                     |
| 04/03/2015           | 98.4573           | 0.2295                           | 0.2985               | 0.5281                   | 0.5420           |                                |                                 | 38.0578                                  | 50.5598                              |  |                                       |                     |
| 05/03/2015           | 98.4592           | 0.2286                           | 0.2988               | 0.5274                   | 0.5420           |                                |                                 | 38.0575                                  | 50.5603                              |  |                                       |                     |
| 06/03/2015           | 98.4664           | 0.2245                           | 0.2988               | 0.5233                   | 0.5420           |                                |                                 | 38.0563                                  | 50.5626                              |  |                                       |                     |
| 07/03/2015           | 98.4790           | 0.2229                           | 0.2958               | 0.5187                   | 0.5360           |                                |                                 | 38.0546                                  | 50.5643                              |  |                                       |                     |
| 08/03/2015           | 98.4916           | 0.2212                           | 0.2921               | 0.5133                   | 0.5310           |                                |                                 | 38.0536                                  | 50.5666                              |  |                                       |                     |
| 09/03/2015           | 98.4657           | 0.2241                           | 0.2972               | 0.5213                   | 0.5410           |                                |                                 | 38.0593                                  | 50.5653                              |  |                                       |                     |
| 10/03/2015           | 98.4823           | 0.2222                           | 0.2942               | 0.5164                   | 0.5350           |                                |                                 | 38.0550                                  | 50.5657                              |  |                                       |                     |
| 11/03/2015           | 98.4778           | 0.2241                           | 0.2946               | 0.5187                   | 0.5360           |                                |                                 | 38.0560                                  | 50.5647                              |  |                                       |                     |
| 12/03/2015           | 98.4764           | 0.2245                           | 0.2938               | 0.5183                   | 0.5350           |                                |                                 | 38.0583                                  | 50.5662                              |  |                                       |                     |
| 13/03/2015           | 98.4838           | 0.2204                           | 0.2938               | 0.5142                   | 0.5350           |                                |                                 | 38.0567                                  | 50.5683                              |  |                                       |                     |
| 14/03/2015           | 98.4851           | 0.2194                           | 0.2948               | 0.5142                   | 0.5350           |                                |                                 | 38.0554                                  | 50.5676                              |  |                                       |                     |
| 15/03/2015           | 98.4871           | 0.2188                           | 0.2949               | 0.5137                   | 0.5340           |                                |                                 | 38.0550                                  | 50.5678                              |  |                                       |                     |
| 16/03/2015           | 98.4832           | 0.2199                           | 0.2940               | 0.5138                   | 0.5360           |                                |                                 | 38.0570                                  | 50.5686                              |  |                                       |                     |
| 17/03/2015           | 98.4741           | 0.2211                           | 0.2952               | 0.5163                   | 0.5390           |                                |                                 | 38.0593                                  | 50.5685                              |  |                                       |                     |
| 18/03/2015           | 98.4664           | 0.2256                           | 0.2947               | 0.5203                   | 0.5390           |                                |                                 | 38.0610                                  | 50.5663                              |  |                                       |                     |
| 19/03/2015           | 98.4684           | 0.2255                           | 0.2943               | 0.5198                   | 0.5380           |                                |                                 | 38.0604                                  | 50.5662                              |  |                                       |                     |
| 20/03/2015           | 98.4728           | 0.2244                           | 0.2939               | 0.5183                   | 0.5370           |                                |                                 | 38.0594                                  | 50.5668                              |  |                                       |                     |
| 21/03/2015           | 98.4705           | 0.2245                           | 0.2945               | 0.5190                   | 0.5390           |                                |                                 | 38.0595                                  | 50.5665                              |  |                                       |                     |
| 22/03/2015           | 98.4684           | 0.2248                           | 0.2949               | 0.5196                   | 0.5400           |                                |                                 | 38.0599                                  | 50.5664                              |  |                                       |                     |
| 23/03/2015           | 98.4673           | 0.2252                           | 0.2948               | 0.5200                   | 0.5400           |                                |                                 | 38.0601                                  | 50.5661                              |  |                                       |                     |
| 24/03/2015           | 98.4605           | 0.2284                           | 0.2947               | 0.5231                   | 0.5400           |                                |                                 | 38.0619                                  | 50.5648                              |  |                                       |                     |
| 25/03/2015           | 98.4546           | 0.2268                           | 0.2969               | 0.5237                   | 0.5440           |                                |                                 | 38.0634                                  | 50.5657                              |  |                                       |                     |
| 26/03/2015           | 98.4624           | 0.2268                           | 0.2948               | 0.5215                   | 0.5400           |                                |                                 | 38.0618                                  | 50.5656                              |  |                                       |                     |
| 27/03/2015           | 98.4943           | 0.2237                           | 0.2867               | 0.5103                   | 0.5270           |                                |                                 | 38.0569                                  | 50.5690                              |  |                                       |                     |
| 28/03/2015           | 98.4813           | 0.2224                           | 0.2915               | 0.5140                   | 0.5350           |                                |                                 | 38.0584                                  | 50.5688                              |  |                                       |                     |
| 29/03/2015           | 98.4668           | 0.2253                           | 0.2945               | 0.5198                   | 0.5400           |                                |                                 | 38.0604                                  | 50.5665                              |  |                                       |                     |
| 30/03/2015           | 98.4716           | 0.2262                           | 0.2919               | 0.5181                   | 0.5370           |                                |                                 | 38.0603                                  | 50.5667                              |  |                                       |                     |
| 31/03/2015           | 98.5310           | 0.2212                           | 0.2721               | 0.4933                   | 0.5090           |                                |                                 | 38.0578                                  | 50.5783                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 98.4546 | 0.2188 | 0.2721 | 0.4933 | 0.5090 |  |  | 38.0536 | 50.5592 |  |  |  |
| <b>Promedio</b>   | 98.4735 | 0.2246 | 0.2943 | 0.5188 | 0.5371 |  |  | 38.0583 | 50.5658 |  |  |  |
| <b>Máximo</b>     | 98.5310 | 0.2307 | 0.2988 | 0.5292 | 0.5440 |  |  | 38.0634 | 50.5783 |  |  |  |
| <b>Desv. Est.</b> | 0.0152  | 0.0032 | 0.0048 | 0.0068 | 0.0064 |  |  | 0.0024  | 0.0037  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Rincon Pacheco                                      |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 99.4460           | 0.0990                           | 0.0880               | 0.1870                   | 0.1180           |                                |                                 | 37.9053                                  | 50.6621                              |  |                                       |                     |
| 02/03/2015           | 98.5714           | 0.0991                           | 0.9518               | 1.0509                   | 0.1249           |                                |                                 | 37.9098                                  | 50.6636                              |  |                                       |                     |
| 03/03/2015           | 99.4070           | 0.1070                           | 0.0980               | 0.2050                   | 0.1300           |                                |                                 | 37.9146                                  | 50.6564                              |  |                                       |                     |
| 04/03/2015           | 99.4520           | 0.0940                           | 0.0880               | 0.1820                   | 0.1150           |                                |                                 | 37.9172                                  | 50.6735                              |  |                                       |                     |
| 05/03/2015           | 99.3990           | 0.1110                           | 0.1000               | 0.2110                   | 0.1320           |                                |                                 | 37.9093                                  | 50.6519                              |  |                                       |                     |
| 06/03/2015           | 99.3790           | 0.1040                           | 0.1060               | 0.2100                   | 0.1420           |                                |                                 | 37.9224                                  | 50.6615                              |  |                                       |                     |
| 07/03/2015           | 99.4290           | 0.1050                           | 0.0920               | 0.1970                   | 0.1230           |                                |                                 | 37.9052                                  | 50.6579                              |  |                                       |                     |
| 08/03/2015           | 99.4340           | 0.1050                           | 0.0890               | 0.1940                   | 0.1190           |                                |                                 | 37.9115                                  | 50.6628                              |  |                                       |                     |
| 09/03/2015           | 99.4450           | 0.1030                           | 0.0870               | 0.1900                   | 0.1160           |                                |                                 | 37.9036                                  | 50.6609                              |  |                                       |                     |
| 10/03/2015           | 99.4400           | 0.1000                           | 0.0890               | 0.1890                   | 0.1190           |                                |                                 | 37.9114                                  | 50.6664                              |  |                                       |                     |
| 11/03/2015           | 99.3870           | 0.0960                           | 0.1070               | 0.2030                   | 0.1420           |                                |                                 | 37.9214                                  | 50.6663                              |  |                                       |                     |
| 12/03/2015           | 99.4150           | 0.1080                           | 0.0960               | 0.2040                   | 0.1270           |                                |                                 | 37.9077                                  | 50.6552                              |  |                                       |                     |
| 13/03/2015           | 99.4270           | 0.1040                           | 0.0930               | 0.1970                   | 0.1240           |                                |                                 | 37.9075                                  | 50.6594                              |  |                                       |                     |
| 14/03/2015           | 99.3920           | 0.1010                           | 0.1030               | 0.2040                   | 0.1390           |                                |                                 | 37.9179                                  | 50.6626                              |  |                                       |                     |
| 15/03/2015           | 99.4330           | 0.1020                           | 0.0910               | 0.1930                   | 0.1210           |                                |                                 | 37.9127                                  | 50.6630                              |  |                                       |                     |
| 16/03/2015           | 99.4430           | 0.1030                           | 0.0890               | 0.1920                   | 0.1180           |                                |                                 | 37.9023                                  | 50.6581                              |  |                                       |                     |
| 17/03/2015           | 99.4260           | 0.1050                           | 0.0930               | 0.1980                   | 0.1230           |                                |                                 | 37.9075                                  | 50.6606                              |  |                                       |                     |
| 18/03/2015           | 99.4300           | 0.1050                           | 0.0920               | 0.1970                   | 0.1210           |                                |                                 | 37.9071                                  | 50.6601                              |  |                                       |                     |
| 19/03/2015           | 99.4020           | 0.0980                           | 0.1010               | 0.1990                   | 0.1340           |                                |                                 | 37.9209                                  | 50.6694                              |  |                                       |                     |
| 20/03/2015           | 99.3960           | 0.0950                           | 0.1050               | 0.2000                   | 0.1380           |                                |                                 | 37.9190                                  | 50.6669                              |  |                                       |                     |
| 21/03/2015           | 99.4510           | 0.0950                           | 0.0880               | 0.1830                   | 0.1160           |                                |                                 | 37.9083                                  | 50.6706                              |  |                                       |                     |
| 22/03/2015           | 99.4490           | 0.0920                           | 0.0890               | 0.1810                   | 0.1190           |                                |                                 | 37.9097                                  | 50.6726                              |  |                                       |                     |
| 23/03/2015           | 99.4280           | 0.0990                           | 0.0940               | 0.1930                   | 0.1230           |                                |                                 | 37.9150                                  | 50.6660                              |  |                                       |                     |
| 24/03/2015           | 99.4460           | 0.0990                           | 0.0880               | 0.1870                   | 0.1160           |                                |                                 | 37.9064                                  | 50.6636                              |  |                                       |                     |
| 25/03/2015           | 99.4370           | 0.0970                           | 0.0920               | 0.1890                   | 0.1210           |                                |                                 | 37.9101                                  | 50.6686                              |  |                                       |                     |
| 26/03/2015           | 99.3340           | 0.1720                           | 0.1010               | 0.2730                   | 0.1390           |                                |                                 | 37.8870                                  | 50.5925                              |  |                                       |                     |
| 27/03/2015           | 99.4312           | 0.1140                           | 0.0890               | 0.2030                   | 0.1170           |                                |                                 | 37.9001                                  | 50.6506                              |  |                                       |                     |
| 28/03/2015           | 99.4260           | 0.1110                           | 0.0910               | 0.2020                   | 0.1200           |                                |                                 | 37.9068                                  | 50.6550                              |  |                                       |                     |
| 29/03/2015           | 99.4383           | 0.1090                           | 0.0890               | 0.1980                   | 0.1170           |                                |                                 | 37.8993                                  | 50.6541                              |  |                                       |                     |
| 30/03/2015           | 99.4167           | 0.1090                           | 0.0970               | 0.2060                   | 0.1270           |                                |                                 | 37.9053                                  | 50.6531                              |  |                                       |                     |
| 31/03/2015           | 99.4318           | 0.1050                           | 0.0940               | 0.1990                   | 0.1240           |                                |                                 | 37.9071                                  | 50.6555                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 98.5714 | 0.0920 | 0.0870 | 0.1810 | 0.1150 |  |  | 37.8870 | 50.5925 |  |  |  |
| <b>Promedio</b>   | 99.3949 | 0.1047 | 0.1216 | 0.2264 | 0.1247 |  |  | 37.9093 | 50.6594 |  |  |  |
| <b>Máximo</b>     | 99.4520 | 0.1720 | 0.9518 | 1.0509 | 0.1420 |  |  | 37.9224 | 50.6735 |  |  |  |
| <b>Desv. Est.</b> | 0.1550  | 0.0136 | 0.1542 | 0.1538 | 0.0083 |  |  | 0.0073  | 0.0138  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Cauchy  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 98.9196           | 0.1108                           | 0.2126               | 0.3234                   | 0.4200           |                                |                                 | 38.0374                                  | 50.6715                              |  |                                       |                     |
| 02/03/2015           | 98.9204           | 0.1109                           | 0.2124               | 0.3233                   | 0.4197           |                                |                                 | 38.0370                                  | 50.6710                              |  |                                       |                     |
| 03/03/2015           | 98.8970           | 0.1115                           | 0.2175               | 0.3290                   | 0.4295           |                                |                                 | 38.0471                                  | 50.6709                              |  |                                       |                     |
| 04/03/2015           | 98.9217           | 0.1103                           | 0.2131               | 0.3234                   | 0.4190           |                                |                                 | 38.0366                                  | 50.6705                              |  |                                       |                     |
| 05/03/2015           | 98.9214           | 0.1103                           | 0.2117               | 0.3220                   | 0.4195           |                                |                                 | 38.0381                                  | 50.6725                              |  |                                       |                     |
| 06/03/2015           | 98.9368           | 0.1102                           | 0.2107               | 0.3209                   | 0.4114           |                                |                                 | 38.0314                                  | 50.6681                              |  |                                       |                     |
| 07/03/2015           | 98.9285           | 0.1100                           | 0.2110               | 0.3210                   | 0.4168           |                                |                                 | 38.0348                                  | 50.6680                              |  |                                       |                     |
| 08/03/2015           | 98.9349           | 0.1100                           | 0.2120               | 0.3220                   | 0.4124           |                                |                                 | 38.0307                                  | 50.6671                              |  |                                       |                     |
| 09/03/2015           | 98.9284           | 0.1102                           | 0.2118               | 0.3220                   | 0.4150           |                                |                                 | 38.0344                                  | 50.6675                              |  |                                       |                     |
| 10/03/2015           | 98.9183           | 0.1106                           | 0.2150               | 0.3256                   | 0.4201           |                                |                                 | 38.0363                                  | 50.6700                              |  |                                       |                     |
| 11/03/2015           | 98.9208           | 0.1104                           | 0.2124               | 0.3228                   | 0.4197           |                                |                                 | 38.0374                                  | 50.6490                              |  |                                       |                     |
| 12/03/2015           | 98.9116           | 0.1106                           | 0.2134               | 0.3240                   | 0.4228           |                                |                                 | 38.0449                                  | 50.6735                              |  |                                       |                     |
| 13/03/2015           | 98.9162           | 0.1105                           | 0.2137               | 0.3242                   | 0.4223           |                                |                                 | 38.0383                                  | 50.6698                              |  |                                       |                     |
| 14/03/2015           | 98.9170           | 0.1108                           | 0.2139               | 0.3247                   | 0.4216           |                                |                                 | 38.0374                                  | 50.6690                              |  |                                       |                     |
| 15/03/2015           | 98.9198           | 0.1105                           | 0.2129               | 0.3234                   | 0.4205           |                                |                                 | 38.0370                                  | 50.7115                              |  |                                       |                     |
| 16/03/2015           | 98.9198           | 0.1105                           | 0.2129               | 0.3234                   | 0.4205           |                                |                                 | 38.0381                                  | 50.7130                              |  |                                       |                     |
| 17/03/2015           | 98.9164           | 0.1108                           | 0.2146               | 0.3254                   | 0.4221           |                                |                                 | 38.0366                                  | 50.6660                              |  |                                       |                     |
| 18/03/2015           | 98.9188           | 0.1106                           | 0.2140               | 0.3246                   | 0.4204           |                                |                                 | 38.0366                                  | 50.6705                              |  |                                       |                     |
| 19/03/2015           | 98.9186           | 0.1107                           | 0.2145               | 0.3252                   | 0.4192           |                                |                                 | 38.0370                                  | 50.6665                              |  |                                       |                     |
| 20/03/2015           | 98.9165           | 0.1108                           | 0.2148               | 0.3256                   | 0.4208           |                                |                                 | 38.0374                                  | 50.6670                              |  |                                       |                     |
| 21/03/2015           | 98.9078           | 0.1116                           | 0.2175               | 0.3291                   | 0.4250           |                                |                                 | 38.0381                                  | 50.6680                              |  |                                       |                     |
| 22/03/2015           | 98.9113           | 0.1112                           | 0.2166               | 0.3278                   | 0.4240           |                                |                                 | 38.0370                                  | 50.6665                              |  |                                       |                     |
| 23/03/2015           | 98.9115           | 0.1111                           | 0.2161               | 0.3272                   | 0.4243           |                                |                                 | 38.0374                                  | 50.6670                              |  |                                       |                     |
| 24/03/2015           | 98.9153           | 0.1108                           | 0.2152               | 0.3260                   | 0.4221           |                                |                                 | 38.0370                                  | 50.6665                              |  |                                       |                     |
| 25/03/2015           | 98.9036           | 0.1115                           | 0.2152               | 0.3267                   | 0.4279           |                                |                                 | 38.0422                                  | 50.6690                              |  |                                       |                     |
| 26/03/2015           | 99.0539           | 0.1031                           | 0.1895               | 0.2926                   | 0.3590           |                                |                                 | 38.0035                                  | 50.6669                              |  |                                       |                     |
| 27/03/2015           | 98.8729           | 0.1123                           | 0.2191               | 0.3314                   | 0.4451           |                                |                                 | 38.0523                                  | 50.6733                              |  |                                       |                     |
| 28/03/2015           | 98.9783           | 0.1070                           | 0.2020               | 0.3090                   | 0.3951           |                                |                                 | 38.0236                                  | 50.6712                              |  |                                       |                     |
| 29/03/2015           | 99.0539           | 0.1031                           | 0.1895               | 0.2926                   | 0.3590           |                                |                                 | 38.0035                                  | 50.6669                              |  |                                       |                     |
| 30/03/2015           | 99.0539           | 0.1031                           | 0.1895               | 0.2926                   | 0.3590           |                                |                                 | 38.0035                                  | 50.6669                              |  |                                       |                     |
| 31/03/2015           | 99.0539           | 0.1031                           | 0.1895               | 0.2926                   | 0.3590           |                                |                                 | 38.0035                                  | 50.6669                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 98.8729 | 0.1031 | 0.1895 | 0.2926 | 0.3590 |  |  | 38.0035 | 50.6490 |  |  |  |
| <b>Promedio</b>   | 98.9361 | 0.1096 | 0.2105 | 0.3201 | 0.4127 |  |  | 38.0331 | 50.6710 |  |  |  |
| <b>Máximo</b>     | 99.0539 | 0.1123 | 0.2191 | 0.3314 | 0.4451 |  |  | 38.0523 | 50.7130 |  |  |  |
| <b>Desv. Est.</b> | 0.0487  | 0.0027 | 0.0087 | 0.0114 | 0.0223 |  |  | 0.0125  | 0.0118  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | J. D. Covarrubias                                   |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 84.0600           | 0.0050                           | 5.4020               | 5.4070                   | 7.9350           |                                |                                 | 38.6470                                  | 48.3807                              |  |                                       |                     |
| 02/03/2015           | 83.8050           | 0.0050                           | 5.4650               | 5.4700                   | 8.0650           |                                |                                 | 38.7010                                  | 48.3863                              |  |                                       |                     |
| 03/03/2015           | 83.0750           | 0.0100                           | 6.7700               | 6.7800                   | 8.4250           |                                |                                 | 38.7390                                  | 48.2843                              |  |                                       |                     |
| 04/03/2015           | 82.4700           | 0.0100                           | 5.7430               | 5.7530                   | 8.9700           |                                |                                 | 39.3100                                  | 48.7604                              |  |                                       |                     |
| 05/03/2015           | 83.8800           | 0.0100                           | 6.2550               | 6.2650                   | 8.3000           |                                |                                 | 39.1190                                  | 48.8384                              |  |                                       |                     |
| 06/03/2015           | 83.0400           | 0.0100                           | 6.1100               | 6.1200                   | 8.8950           |                                |                                 | 39.2870                                  | 48.8753                              |  |                                       |                     |
| 07/03/2015           | 82.8600           | 0.0050                           | 6.8650               | 6.8700                   | 8.5350           |                                |                                 | 38.7500                                  | 48.2559                              |  |                                       |                     |
| 08/03/2015           | 83.1050           | 0.0050                           | 6.5650               | 6.5700                   | 8.3450           |                                |                                 | 38.9500                                  | 48.4955                              |  |                                       |                     |
| 09/03/2015           | 83.3400           | 0.0100                           | 6.4600               | 6.4700                   | 8.5650           |                                |                                 | 38.8390                                  | 48.4682                              |  |                                       |                     |
| 10/03/2015           | 84.1550           | 0.0100                           | 6.2900               | 6.3000                   | 8.2800           |                                |                                 | 38.5640                                  | 48.3717                              |  |                                       |                     |
| 11/03/2015           | 82.1600           | 0.0050                           | 6.9050               | 6.9100                   | 9.0050           |                                |                                 | 39.0100                                  | 48.3961                              |  |                                       |                     |
| 12/03/2015           | 82.9750           | 0.0100                           | 5.6230               | 5.6330                   | 8.4350           |                                |                                 | 38.5610                                  | 48.0854                              |  |                                       |                     |
| 13/03/2015           | 83.6800           | 0.0100                           | 6.6950               | 6.7050                   | 8.2000           |                                |                                 | 38.4940                                  | 48.1671                              |  |                                       |                     |
| 14/03/2015           | 83.7400           | 0.0050                           | 5.4700               | 5.4750                   | 8.0650           |                                |                                 | 38.7410                                  | 48.4088                              |  |                                       |                     |
| 15/03/2015           | 84.6150           | 0.0100                           | 6.0100               | 6.0200                   | 7.7000           |                                |                                 | 38.8120                                  | 48.6337                              |  |                                       |                     |
| 16/03/2015           | 85.1750           | 0.0100                           | 6.1300               | 6.1400                   | 7.2500           |                                |                                 | 38.4920                                  | 48.3941                              |  |                                       |                     |
| 17/03/2015           | 83.6782           | 0.0170                           | 6.6435               | 6.6605                   | 8.6030           |                                |                                 | 38.4213                                  | 48.1505                              |  |                                       |                     |
| 18/03/2015           | 83.4177           | 0.0163                           | 6.7949               | 6.8111                   | 8.7250           |                                |                                 | 38.3887                                  | 48.0711                              |  |                                       |                     |
| 19/03/2015           | 84.0950           | 0.0100                           | 6.7200               | 6.7300                   | 7.6600           |                                |                                 | 38.4390                                  | 48.1239                              |  |                                       |                     |
| 20/03/2015           | 82.6502           | 0.0212                           | 7.2651               | 7.2863                   | 9.2610           |                                |                                 | 38.1923                                  | 47.7649                              |  |                                       |                     |
| 21/03/2015           | 82.9533           | 0.0213                           | 7.0313               | 7.0527                   | 9.1450           |                                |                                 | 38.2825                                  | 47.9127                              |  |                                       |                     |
| 22/03/2015           | 84.6268           | 0.0128                           | 6.6237               | 6.6365                   | 7.4820           |                                |                                 | 38.2483                                  | 48.0497                              |  |                                       |                     |
| 23/03/2015           | 83.9759           | 0.0141                           | 6.5124               | 6.5265                   | 8.3520           |                                |                                 | 38.4566                                  | 48.2241                              |  |                                       |                     |
| 24/03/2015           | 84.5140           | 0.0100                           | 6.4880               | 6.4980                   | 7.1860           |                                |                                 | 38.4810                                  | 48.2426                              |  |                                       |                     |
| 25/03/2015           | 84.4170           | 0.0150                           | 6.8910               | 6.9060                   | 7.2510           |                                |                                 | 38.1660                                  | 47.8878                              |  |                                       |                     |
| 26/03/2015           | 85.6800           | 0.0100                           | 6.7500               | 6.7600                   | 5.5250           |                                |                                 | 37.1060                                  | 47.8992                              |  |                                       |                     |
| 27/03/2015           | 86.3650           | 0.0050                           | 6.6290               | 6.6340                   | 5.4100           |                                |                                 | 37.1790                                  | 47.3101                              |  |                                       |                     |
| 28/03/2015           | 87.0850           | 0.0100                           | 6.5350               | 6.5450                   | 5.5450           |                                |                                 | 37.3750                                  | 47.5547                              |  |                                       |                     |
| 29/03/2015           | 88.4000           | 0.0000                           | 6.9650               | 6.9650                   | 4.3200           |                                |                                 | 37.5610                                  | 47.8853                              |  |                                       |                     |
| 30/03/2015           | 88.8770           | 0.0000                           | 6.6740               | 6.6740                   | 4.0790           |                                |                                 | 37.6490                                  | 47.3591                              |  |                                       |                     |
| 31/03/2015           | 89.1900           | 0.0100                           | 6.9600               | 6.9700                   | 3.5650           |                                |                                 | 37.3240                                  | 47.7343                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 82.1600 | 0.0000 | 5.4020 | 5.4070 | 3.5650 |  |  | 37.1060 | 47.3101 |  |  |  |
| <b>Promedio</b>   | 84.3890 | 0.0098 | 6.4594 | 6.4691 | 7.5832 |  |  | 38.3963 | 48.1733 |  |  |  |
| <b>Máximo</b>     | 89.1900 | 0.0213 | 7.2651 | 7.2863 | 9.2610 |  |  | 39.3100 | 48.8753 |  |  |  |
| <b>Desv. Est.</b> | 1.8314  | 0.0050 | 0.4969 | 0.4985 | 1.5524 |  |  | 0.5925  | 0.3866  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Pecosa Alta Presión                                 |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 84.0600           | 0.0050                           | 5.4000               | 5.4050                   | 7.9350           |                                |                                 | 38.6470                                  | 48.3807                              |  |                                       |                     |
| 02/03/2015           | 83.8050           | 0.0050                           | 5.4165               | 5.4215                   | 8.0650           |                                |                                 | 38.7010                                  | 48.3863                              |  |                                       |                     |
| 03/03/2015           | 83.0750           | 0.0100                           | 6.7700               | 6.7800                   | 8.4250           |                                |                                 | 38.7390                                  | 48.2843                              |  |                                       |                     |
| 04/03/2015           | 82.4700           | 0.0100                           | 5.7430               | 5.7530                   | 8.9700           |                                |                                 | 39.3100                                  | 48.7604                              |  |                                       |                     |
| 05/03/2015           | 83.8800           | 0.0100                           | 6.2550               | 6.2650                   | 8.3000           |                                |                                 | 39.1190                                  | 48.8384                              |  |                                       |                     |
| 06/03/2015           | 83.0400           | 0.0100                           | 6.1100               | 6.1200                   | 8.8950           |                                |                                 | 39.2870                                  | 48.8753                              |  |                                       |                     |
| 07/03/2015           | 82.8600           | 0.0050                           | 6.8650               | 6.8700                   | 8.5350           |                                |                                 | 38.7500                                  | 48.2559                              |  |                                       |                     |
| 08/03/2015           | 83.1050           | 0.0050                           | 6.5650               | 6.5700                   | 8.3450           |                                |                                 | 38.9500                                  | 48.4955                              |  |                                       |                     |
| 09/03/2015           | 83.3400           | 0.0100                           | 6.4600               | 6.4700                   | 8.5650           |                                |                                 | 38.8390                                  | 48.4682                              |  |                                       |                     |
| 10/03/2015           | 84.1550           | 0.0100                           | 6.2900               | 6.3000                   | 8.2800           |                                |                                 | 38.5640                                  | 48.3717                              |  |                                       |                     |
| 11/03/2015           | 82.1600           | 0.0050                           | 6.9050               | 6.9100                   | 9.0050           |                                |                                 | 39.0100                                  | 48.3961                              |  |                                       |                     |
| 12/03/2015           | 82.9750           | 0.0100                           | 5.6230               | 5.6330                   | 8.4350           |                                |                                 | 38.5610                                  | 48.0854                              |  |                                       |                     |
| 13/03/2015           | 83.6800           | 0.0100                           | 6.6950               | 6.7050                   | 8.2000           |                                |                                 | 38.4940                                  | 48.1671                              |  |                                       |                     |
| 14/03/2015           | 83.7400           | 0.0050                           | 5.4700               | 5.4750                   | 8.0650           |                                |                                 | 38.7410                                  | 48.4088                              |  |                                       |                     |
| 15/03/2015           | 84.6150           | 0.0100                           | 6.0100               | 6.0200                   | 7.7000           |                                |                                 | 38.8120                                  | 48.6337                              |  |                                       |                     |
| 16/03/2015           | 85.1750           | 0.0100                           | 6.1300               | 6.1400                   | 7.2500           |                                |                                 | 38.4920                                  | 48.3941                              |  |                                       |                     |
| 17/03/2015           | 83.6782           | 0.0170                           | 6.6435               | 6.6605                   | 8.6030           |                                |                                 | 38.4213                                  | 48.1505                              |  |                                       |                     |
| 18/03/2015           | 83.4177           | 0.0163                           | 6.7949               | 6.8111                   | 8.7250           |                                |                                 | 38.3887                                  | 48.0711                              |  |                                       |                     |
| 19/03/2015           | 84.0950           | 0.0100                           | 6.7200               | 6.7300                   | 7.6600           |                                |                                 | 38.4390                                  | 48.1239                              |  |                                       |                     |
| 20/03/2015           | 82.6502           | 0.0212                           | 6.2651               | 6.2863                   | 9.2610           |                                |                                 | 38.1923                                  | 47.7649                              |  |                                       |                     |
| 21/03/2015           | 82.9533           | 0.0213                           | 6.9133               | 6.9347                   | 9.1450           |                                |                                 | 38.2825                                  | 47.9127                              |  |                                       |                     |
| 22/03/2015           | 84.6268           | 0.0128                           | 6.6237               | 6.6365                   | 7.4820           |                                |                                 | 38.2483                                  | 48.0497                              |  |                                       |                     |
| 23/03/2015           | 83.9759           | 0.0141                           | 6.5124               | 6.5265                   | 8.3520           |                                |                                 | 38.4566                                  | 48.2241                              |  |                                       |                     |
| 24/03/2015           | 84.5140           | 0.0100                           | 6.4880               | 6.4980                   | 7.1860           |                                |                                 | 38.4810                                  | 48.2426                              |  |                                       |                     |
| 25/03/2015           | 84.4170           | 0.0150                           | 6.8910               | 6.9060                   | 7.2510           |                                |                                 | 38.1660                                  | 47.8878                              |  |                                       |                     |
| 26/03/2015           | 85.6800           | 0.0100                           | 6.7500               | 6.7600                   | 5.5250           |                                |                                 | 37.1060                                  | 47.8992                              |  |                                       |                     |
| 27/03/2015           | 86.3650           | 0.0050                           | 7.2900               | 7.2950                   | 5.4100           |                                |                                 | 37.1790                                  | 47.3101                              |  |                                       |                     |
| 28/03/2015           | 87.0850           | 0.0100                           | 6.5350               | 6.5450                   | 5.5450           |                                |                                 | 37.3750                                  | 47.5547                              |  |                                       |                     |
| 29/03/2015           | 88.4000           | 0.0000                           | 6.9650               | 6.9650                   | 4.3200           |                                |                                 | 37.5610                                  | 47.8853                              |  |                                       |                     |
| 30/03/2015           | 88.8770           | 0.0000                           | 6.6740               | 6.6740                   | 4.0790           |                                |                                 | 37.6490                                  | 47.3591                              |  |                                       |                     |
| 31/03/2015           | 89.1900           | 0.0100                           | 6.9600               | 6.9700                   | 3.5650           |                                |                                 | 37.3240                                  | 47.7343                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 82.1600 | 0.0000 | 5.4000 | 5.4050 | 3.5650 |  |  | 37.1060 | 47.3101 |  |  |  |
| <b>Promedio</b>   | 84.3890 | 0.0098 | 6.4430 | 6.4528 | 7.5832 |  |  | 38.3963 | 48.1733 |  |  |  |
| <b>Máximo</b>     | 89.1900 | 0.0213 | 7.2900 | 7.2950 | 9.2610 |  |  | 39.3100 | 48.8753 |  |  |  |
| <b>Desv. Est.</b> | 1.8314  | 0.0050 | 0.4977 | 0.4982 | 1.5524 |  |  | 0.5925  | 0.3866  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Pecosca Baja Presión                                |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 84.0600           | 0.0050                           | 5.4123               | 5.4173                   | 7.9350           |                                |                                 | 38.6470                                  | 48.3807                              |  |                                       |                     |
| 02/03/2015           | 83.8050           | 0.0050                           | 5.4514               | 5.4564                   | 8.0650           |                                |                                 | 38.7010                                  | 48.3863                              |  |                                       |                     |
| 03/03/2015           | 83.0750           | 0.0100                           | 6.7123               | 6.7223                   | 8.4250           |                                |                                 | 38.7390                                  | 48.2843                              |  |                                       |                     |
| 04/03/2015           | 82.4700           | 0.0100                           | 5.6542               | 5.6642                   | 8.9700           |                                |                                 | 39.3100                                  | 48.7604                              |  |                                       |                     |
| 05/03/2015           | 83.8800           | 0.0100                           | 6.2460               | 6.2560                   | 8.3000           |                                |                                 | 39.1190                                  | 48.8384                              |  |                                       |                     |
| 06/03/2015           | 83.0400           | 0.0100                           | 6.1254               | 6.1354                   | 8.8950           |                                |                                 | 39.2870                                  | 48.8753                              |  |                                       |                     |
| 07/03/2015           | 82.8600           | 0.0050                           | 6.7564               | 6.7614                   | 8.5350           |                                |                                 | 38.7500                                  | 48.2559                              |  |                                       |                     |
| 08/03/2015           | 83.1050           | 0.0050                           | 6.6872               | 6.6922                   | 8.3450           |                                |                                 | 38.9500                                  | 48.4955                              |  |                                       |                     |
| 09/03/2015           | 83.3400           | 0.0100                           | 6.2530               | 6.2630                   | 8.5650           |                                |                                 | 38.8390                                  | 48.4682                              |  |                                       |                     |
| 10/03/2015           | 84.1550           | 0.0100                           | 6.2987               | 6.3087                   | 8.2800           |                                |                                 | 38.5640                                  | 48.3717                              |  |                                       |                     |
| 11/03/2015           | 82.1600           | 0.0050                           | 6.9050               | 6.9100                   | 9.0050           |                                |                                 | 39.0100                                  | 48.3961                              |  |                                       |                     |
| 12/03/2015           | 82.9750           | 0.0100                           | 5.7230               | 5.7330                   | 8.4350           |                                |                                 | 38.5610                                  | 48.0854                              |  |                                       |                     |
| 13/03/2015           | 83.6800           | 0.0100                           | 6.7010               | 6.7110                   | 8.2000           |                                |                                 | 38.4940                                  | 48.1671                              |  |                                       |                     |
| 14/03/2015           | 83.7400           | 0.0050                           | 5.4700               | 5.4750                   | 8.0650           |                                |                                 | 38.7410                                  | 48.4088                              |  |                                       |                     |
| 15/03/2015           | 84.6150           | 0.0100                           | 6.0100               | 6.0200                   | 7.7000           |                                |                                 | 38.8120                                  | 48.6337                              |  |                                       |                     |
| 16/03/2015           | 85.1750           | 0.0100                           | 6.1300               | 6.1400                   | 7.2500           |                                |                                 | 38.4920                                  | 48.3941                              |  |                                       |                     |
| 17/03/2015           | 83.6782           | 0.0170                           | 6.7841               | 6.8011                   | 8.6030           |                                |                                 | 38.4213                                  | 48.1505                              |  |                                       |                     |
| 18/03/2015           | 83.4177           | 0.0163                           | 6.8421               | 6.8584                   | 8.7250           |                                |                                 | 38.3887                                  | 48.0711                              |  |                                       |                     |
| 19/03/2015           | 84.0950           | 0.0100                           | 6.7031               | 6.7131                   | 7.6600           |                                |                                 | 38.4390                                  | 48.1239                              |  |                                       |                     |
| 20/03/2015           | 82.6502           | 0.0212                           | 6.8950               | 6.9162                   | 9.2610           |                                |                                 | 38.1923                                  | 47.7649                              |  |                                       |                     |
| 21/03/2015           | 82.9533           | 0.0213                           | 6.9561               | 6.9774                   | 9.1450           |                                |                                 | 38.2825                                  | 47.9127                              |  |                                       |                     |
| 22/03/2015           | 84.6268           | 0.0128                           | 6.6237               | 6.6365                   | 7.4820           |                                |                                 | 38.2483                                  | 48.0497                              |  |                                       |                     |
| 23/03/2015           | 83.9759           | 0.0141                           | 6.5124               | 6.5265                   | 8.3520           |                                |                                 | 38.4566                                  | 48.2241                              |  |                                       |                     |
| 24/03/2015           | 84.5140           | 0.0100                           | 6.4880               | 6.4980                   | 7.1860           |                                |                                 | 38.4810                                  | 48.2426                              |  |                                       |                     |
| 25/03/2015           | 84.4170           | 0.0150                           | 6.8910               | 6.9060                   | 7.2510           |                                |                                 | 38.1660                                  | 47.8878                              |  |                                       |                     |
| 26/03/2015           | 85.6800           | 0.0100                           | 6.3470               | 6.3570                   | 5.5250           |                                |                                 | 37.1060                                  | 47.8992                              |  |                                       |                     |
| 27/03/2015           | 86.3650           | 0.0050                           | 6.8974               | 6.9024                   | 5.4100           |                                |                                 | 37.1790                                  | 47.3101                              |  |                                       |                     |
| 28/03/2015           | 87.0850           | 0.0100                           | 6.6640               | 6.6740                   | 5.5450           |                                |                                 | 37.3750                                  | 47.5547                              |  |                                       |                     |
| 29/03/2015           | 88.4000           | 0.0000                           | 6.8970               | 6.8970                   | 4.3200           |                                |                                 | 37.5610                                  | 47.8853                              |  |                                       |                     |
| 30/03/2015           | 88.8770           | 0.0000                           | 6.8740               | 6.8740                   | 4.0790           |                                |                                 | 37.6490                                  | 47.5909                              |  |                                       |                     |
| 31/03/2015           | 89.1900           | 0.0100                           | 6.8940               | 6.9040                   | 3.5650           |                                |                                 | 37.3240                                  | 47.7343                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 82.1600 | 0.0000 | 5.4123 | 5.4173 | 3.5650 |  |  | 37.1060 | 47.3101 |  |  |  |
| <b>Promedio</b>   | 84.3890 | 0.0098 | 6.4453 | 6.4551 | 7.5832 |  |  | 38.3963 | 48.1808 |  |  |  |
| <b>Máximo</b>     | 89.1900 | 0.0213 | 6.9561 | 6.9774 | 9.2610 |  |  | 39.3100 | 48.8753 |  |  |  |
| <b>Desv. Est.</b> | 1.8314  | 0.0050 | 0.4843 | 0.4855 | 1.5524 |  |  | 0.5925  | 0.3724  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Caseta Gral. Pajaritos                              |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 91.0360           | 0.0690                           | 4.5660               | 4.6350                   | 3.9530           |                                |                                 | 37.3670                                  | 48.3379                              |  |                                       |                     |
| 02/03/2015           | 91.6850           | 0.0730                           | 4.6410               | 4.7140                   | 3.4260           |                                |                                 | 37.0630                                  | 48.1210                              |  |                                       |                     |
| 03/03/2015           | 90.7390           | 0.0810                           | 4.6390               | 4.7200                   | 4.0070           |                                |                                 | 37.4490                                  | 48.3480                              |  |                                       |                     |
| 04/03/2015           | 89.5190           | 0.0640                           | 5.0370               | 5.1010                   | 4.4070           |                                |                                 | 37.7140                                  | 48.3476                              |  |                                       |                     |
| 05/03/2015           | 90.7490           | 0.0550                           | 4.3600               | 4.4150                   | 4.2440           |                                |                                 | 37.6700                                  | 48.6157                              |  |                                       |                     |
| 06/03/2015           | 90.0490           | 0.0830                           | 4.8110               | 4.8940                   | 4.3790           |                                |                                 | 37.6020                                  | 48.3642                              |  |                                       |                     |
| 07/03/2015           | 89.2700           | 0.0870                           | 4.4250               | 4.5120                   | 5.6260           |                                |                                 | 38.0120                                  | 48.7699                              |  |                                       |                     |
| 08/03/2015           | 87.9200           | 0.0950                           | 5.2190               | 5.3140                   | 5.9860           |                                |                                 | 37.9210                                  | 48.3748                              |  |                                       |                     |
| 09/03/2015           | 90.2140           | 0.1070                           | 4.5350               | 4.6420                   | 4.6580           |                                |                                 | 37.6290                                  | 48.4825                              |  |                                       |                     |
| 10/03/2015           | 88.6840           | 0.1300                           | 4.2210               | 4.3510                   | 6.2860           |                                |                                 | 38.3110                                  | 49.0056                              |  |                                       |                     |
| 11/03/2015           | 89.1450           | 0.1190                           | 4.4760               | 4.5950                   | 5.6900           |                                |                                 | 37.9810                                  | 48.7092                              |  |                                       |                     |
| 12/03/2015           | 89.4880           | 0.1150                           | 4.2050               | 4.3200                   | 5.5520           |                                |                                 | 38.0980                                  | 48.8964                              |  |                                       |                     |
| 13/03/2015           | 88.0730           | 0.0910                           | 4.7130               | 4.8040                   | 6.4200           |                                |                                 | 38.1960                                  | 48.7537                              |  |                                       |                     |
| 14/03/2015           | 87.3400           | 0.1070                           | 4.5640               | 4.6710                   | 7.1140           |                                |                                 | 38.5460                                  | 49.0131                              |  |                                       |                     |
| 15/03/2015           | 90.1270           | 0.0980                           | 4.2770               | 4.3750                   | 4.9410           |                                |                                 | 37.8550                                  | 48.7326                              |  |                                       |                     |
| 16/03/2015           | 90.7670           | 0.0740                           | 4.6140               | 4.6880                   | 4.1080           |                                |                                 | 37.4290                                  | 48.3510                              |  |                                       |                     |
| 17/03/2015           | 91.0290           | 0.0720                           | 4.5080               | 4.5800                   | 3.9180           |                                |                                 | 37.4410                                  | 48.4048                              |  |                                       |                     |
| 18/03/2015           | 90.3570           | 0.0750                           | 4.7470               | 4.8220                   | 4.2690           |                                |                                 | 37.5040                                  | 48.3388                              |  |                                       |                     |
| 19/03/2015           | 90.3620           | 0.0700                           | 4.9060               | 4.9760                   | 4.1430           |                                |                                 | 37.3890                                  | 48.2049                              |  |                                       |                     |
| 20/03/2015           | 90.8410           | 0.0920                           | 4.6540               | 4.7460                   | 3.9360           |                                |                                 | 37.3890                                  | 48.2983                              |  |                                       |                     |
| 21/03/2015           | 90.5900           | 0.0840                           | 4.8060               | 4.8900                   | 3.9450           |                                |                                 | 37.3970                                  | 48.2432                              |  |                                       |                     |
| 22/03/2015           | 91.6300           | 0.0730                           | 4.3430               | 4.4160                   | 3.6210           |                                |                                 | 37.3270                                  | 48.4074                              |  |                                       |                     |
| 23/03/2015           | 90.9210           | 0.0700                           | 4.6820               | 4.7520                   | 3.8410           |                                |                                 | 37.3640                                  | 48.2860                              |  |                                       |                     |
| 24/03/2015           | 91.9570           | 0.0720                           | 4.6550               | 4.7270                   | 3.0690           |                                |                                 | 37.0000                                  | 48.0781                              |  |                                       |                     |
| 25/03/2015           | 91.1130           | 0.0720                           | 4.6930               | 4.7650                   | 3.7240           |                                |                                 | 37.2680                                  | 48.2218                              |  |                                       |                     |
| 26/03/2015           | 90.7140           | 0.0750                           | 4.8460               | 4.9210                   | 4.0140           |                                |                                 | 37.2610                                  | 48.1503                              |  |                                       |                     |
| 27/03/2015           | 89.8410           | 0.0570                           | 4.9580               | 5.0150                   | 4.6730           |                                |                                 | 37.4900                                  | 48.2515                              |  |                                       |                     |
| 28/03/2015           | 90.3320           | 0.0630                           | 5.1070               | 5.1700                   | 4.1140           |                                |                                 | 37.2100                                  | 48.0165                              |  |                                       |                     |
| 29/03/2015           | 91.4380           | 0.0720                           | 4.5950               | 4.6670                   | 3.5650           |                                |                                 | 37.2140                                  | 48.2313                              |  |                                       |                     |
| 30/03/2015           | 91.6290           | 0.0680                           | 4.3990               | 4.4670                   | 3.6930           |                                |                                 | 37.2500                                  | 48.3406                              |  |                                       |                     |
| 31/03/2015           | 91.7600           | 0.0600                           | 4.9120               | 4.9720                   | 3.0850           |                                |                                 | 36.8730                                  | 47.8988                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 87.3400 | 0.0550 | 4.2050 | 4.3200 | 3.0690 |  |  | 36.8730 | 47.8988 |  |  |  |
| <b>Promedio</b>   | 90.3006 | 0.0814 | 4.6488 | 4.7302 | 4.4647 |  |  | 37.5555 | 48.4063 |  |  |  |
| <b>Máximo</b>     | 91.9570 | 0.1300 | 5.2190 | 5.3140 | 7.1140 |  |  | 38.5460 | 49.0131 |  |  |  |
| <b>Desv. Est.</b> | 1.1674  | 0.0187 | 0.2525 | 0.2447 | 1.0128 |  |  | 0.3951  | 0.2793  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Pajaritos   |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 92.9610           | 0.0560                           | 4.6320               | 4.6880                   | 2.3100           |                                |                                 | 37.3670                                  | 48.3379                              |  |                                       |                     |
| 02/03/2015           | 93.3110           | 0.0600                           | 4.4600               | 4.5200                   | 2.1420           |                                |                                 | 37.0630                                  | 48.1210                              |  |                                       |                     |
| 03/03/2015           | 92.9570           | 0.0680                           | 4.4970               | 4.5650                   | 2.3880           |                                |                                 | 37.4490                                  | 48.3480                              |  |                                       |                     |
| 04/03/2015           | 91.5050           | 0.0590                           | 4.6450               | 4.7040                   | 3.6820           |                                |                                 | 37.0930                                  | 48.3476                              |  |                                       |                     |
| 05/03/2015           | 91.3310           | 0.0610                           | 4.6320               | 4.6930                   | 3.8800           |                                |                                 | 37.1460                                  | 48.1826                              |  |                                       |                     |
| 06/03/2015           | 92.5970           | 0.0750                           | 4.8520               | 4.9270                   | 2.4140           |                                |                                 | 37.6020                                  | 47.7647                              |  |                                       |                     |
| 07/03/2015           | 92.1240           | 0.0770                           | 4.5570               | 4.6340                   | 3.1930           |                                |                                 | 36.9470                                  | 48.0849                              |  |                                       |                     |
| 08/03/2015           | 90.8990           | 0.0830                           | 4.5250               | 4.6080                   | 4.4180           |                                |                                 | 37.3170                                  | 48.3159                              |  |                                       |                     |
| 09/03/2015           | 91.8250           | 0.0910                           | 4.4660               | 4.5570                   | 3.5540           |                                |                                 | 37.0860                                  | 48.1981                              |  |                                       |                     |
| 10/03/2015           | 91.9240           | 0.1100                           | 4.3180               | 4.4280                   | 3.5880           |                                |                                 | 37.1430                                  | 48.2843                              |  |                                       |                     |
| 11/03/2015           | 91.5200           | 0.1020                           | 4.2980               | 4.4000                   | 3.9940           |                                |                                 | 37.2820                                  | 48.3805                              |  |                                       |                     |
| 12/03/2015           | 90.3350           | 0.1080                           | 4.4680               | 4.5760                   | 4.9810           |                                |                                 | 37.5140                                  | 48.4426                              |  |                                       |                     |
| 13/03/2015           | 91.6870           | 0.0860                           | 4.5880               | 4.6740                   | 3.5640           |                                |                                 | 37.0520                                  | 48.1291                              |  |                                       |                     |
| 14/03/2015           | 91.8080           | 0.0920                           | 4.3760               | 4.4680                   | 3.6430           |                                |                                 | 37.1580                                  | 49.0131                              |  |                                       |                     |
| 15/03/2015           | 92.5500           | 0.0900                           | 4.2790               | 4.3690                   | 3.0170           |                                |                                 | 37.0050                                  | 48.7326                              |  |                                       |                     |
| 16/03/2015           | 93.9340           | 0.0560                           | 4.2000               | 4.2560                   | 1.7790           |                                |                                 | 37.4290                                  | 48.3510                              |  |                                       |                     |
| 17/03/2015           | 93.4460           | 0.0590                           | 4.5620               | 4.6210                   | 1.9110           |                                |                                 | 37.4410                                  | 48.4048                              |  |                                       |                     |
| 18/03/2015           | 92.8540           | 0.0630                           | 4.8350               | 4.8980                   | 2.2170           |                                |                                 | 37.5040                                  | 48.3388                              |  |                                       |                     |
| 19/03/2015           | 92.4580           | 0.0590                           | 4.8770               | 4.9360                   | 2.5550           |                                |                                 | 37.3890                                  | 48.2049                              |  |                                       |                     |
| 20/03/2015           | 92.7560           | 0.0630                           | 4.6290               | 4.6920                   | 2.4980           |                                |                                 | 37.3890                                  | 48.2983                              |  |                                       |                     |
| 21/03/2015           | 92.9820           | 0.0780                           | 4.7020               | 4.7800                   | 2.1990           |                                |                                 | 37.3970                                  | 48.2432                              |  |                                       |                     |
| 22/03/2015           | 93.4260           | 0.0720                           | 4.5020               | 4.5740                   | 1.9780           |                                |                                 | 37.3270                                  | 48.4074                              |  |                                       |                     |
| 23/03/2015           | 93.2200           | 0.0600                           | 4.6020               | 4.6620                   | 2.0810           |                                |                                 | 37.3640                                  | 48.2860                              |  |                                       |                     |
| 24/03/2015           | 93.1860           | 0.0620                           | 4.6880               | 4.7500                   | 2.0320           |                                |                                 | 37.0000                                  | 48.0781                              |  |                                       |                     |
| 25/03/2015           | 93.1830           | 0.0600                           | 4.7950               | 4.8550                   | 1.9320           |                                |                                 | 37.2680                                  | 48.2218                              |  |                                       |                     |
| 26/03/2015           | 92.5180           | 0.0650                           | 4.7830               | 4.8480                   | 2.5420           |                                |                                 | 37.2610                                  | 48.1503                              |  |                                       |                     |
| 27/03/2015           | 92.4480           | 0.0520                           | 4.7850               | 4.8370                   | 2.6750           |                                |                                 | 37.4900                                  | 48.2515                              |  |                                       |                     |
| 28/03/2015           | 92.3410           | 0.0380                           | 4.7050               | 4.7430                   | 2.8580           |                                |                                 | 37.2100                                  | 48.0165                              |  |                                       |                     |
| 29/03/2015           | 93.0320           | 0.0510                           | 4.8250               | 4.8760                   | 2.0560           |                                |                                 | 37.2140                                  | 48.2313                              |  |                                       |                     |
| 30/03/2015           | 94.1530           | 0.0510                           | 4.1870               | 4.2380                   | 1.5910           |                                |                                 | 37.2500                                  | 48.3406                              |  |                                       |                     |
| 31/03/2015           | 93.3160           | 0.0570                           | 4.7250               | 4.7820                   | 1.8850           |                                |                                 | 36.8730                                  | 47.8988                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 90.3350 | 0.0380 | 4.1870 | 4.2380 | 1.5910 |  |  | 36.8730 | 47.7647 |  |  |  |
| <b>Promedio</b>   | 92.5351 | 0.0698 | 4.5805 | 4.6503 | 2.7599 |  |  | 37.2590 | 48.2712 |  |  |  |
| <b>Máximo</b>     | 94.1530 | 0.1100 | 4.8770 | 4.9360 | 4.9810 |  |  | 37.6020 | 49.0131 |  |  |  |
| <b>Desv. Est.</b> | 0.8773  | 0.0178 | 0.1940 | 0.1866 | 0.8666 |  |  | 0.1858  | 0.2227  |  |  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Ramones  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 94.8671           | 0.9028                           | 0.1374               | 1.0403                   | 3.8860           |                                |                                 | 38.6421                                  | 50.4940                              |  |                                       |                     |
| 02/03/2015           | 94.5981           | 0.8969                           | 0.1218               | 1.0186                   | 4.1440           |                                |                                 | 38.7521                                  | 50.5678                              |  |                                       |                     |
| 03/03/2015           | 95.2190           | 1.0579                           | 0.1254               | 1.1833                   | 3.3390           |                                |                                 | 38.4738                                  | 50.2953                              |  |                                       |                     |
| 04/03/2015           | 94.8048           | 1.0677                           | 0.1291               | 1.1968                   | 3.7380           |                                |                                 | 38.5819                                  | 50.3488                              |  |                                       |                     |
| 05/03/2015           | 94.8751           | 1.0162                           | 0.1279               | 1.1441                   | 3.7370           |                                |                                 | 38.5855                                  | 50.3872                              |  |                                       |                     |
| 06/03/2015           | 94.7397           | 1.0376                           | 0.1258               | 1.1634                   | 3.8590           |                                |                                 | 38.6077                                  | 50.3860                              |  |                                       |                     |
| 07/03/2015           | 94.8511           | 1.1053                           | 0.1225               | 1.2278                   | 3.6640           |                                |                                 | 38.5437                                  | 50.3040                              |  |                                       |                     |
| 08/03/2015           | 94.7774           | 1.1017                           | 0.1317               | 1.2333                   | 3.7190           |                                |                                 | 38.5690                                  | 50.3168                              |  |                                       |                     |
| 09/03/2015           | 94.2912           | 0.9375                           | 0.1356               | 1.0731                   | 4.4070           |                                |                                 | 38.7873                                  | 50.5537                              |  |                                       |                     |
| 10/03/2015           | 94.2328           | 0.9385                           | 0.1348               | 1.0733                   | 4.4580           |                                |                                 | 38.8105                                  | 50.5664                              |  |                                       |                     |
| 11/03/2015           | 94.1725           | 0.8997                           | 0.1414               | 1.0411                   | 4.5700           |                                |                                 | 38.8347                                  | 50.6043                              |  |                                       |                     |
| 12/03/2015           | 94.3411           | 0.8562                           | 0.1375               | 0.9937                   | 4.4530           |                                |                                 | 38.8168                                  | 50.6260                              |  |                                       |                     |
| 13/03/2015           | 94.7099           | 0.8770                           | 0.1357               | 1.0128                   | 4.0440           |                                |                                 | 38.7138                                  | 50.5536                              |  |                                       |                     |
| 14/03/2015           | 94.7786           | 0.9152                           | 0.1556               | 1.0708                   | 3.8720           |                                |                                 | 38.6785                                  | 50.4974                              |  |                                       |                     |
| 15/03/2015           | 94.7738           | 0.9815                           | 0.1431               | 1.1246                   | 3.8420           |                                |                                 | 38.6369                                  | 50.4337                              |  |                                       |                     |
| 16/03/2015           | 95.1744           | 1.0658                           | 0.1301               | 1.1959                   | 3.3660           |                                |                                 | 38.4820                                  | 50.2924                              |  |                                       |                     |
| 17/03/2015           | 95.2566           | 1.0824                           | 0.1264               | 1.2088                   | 3.2780           |                                |                                 | 38.4495                                  | 50.2639                              |  |                                       |                     |
| 18/03/2015           | 95.1837           | 1.0381                           | 0.1292               | 1.1673                   | 3.4020           |                                |                                 | 38.4885                                  | 50.3157                              |  |                                       |                     |
| 19/03/2015           | 95.0798           | 1.0494                           | 0.1224               | 1.1718                   | 3.4260           |                                |                                 | 38.5479                                  | 50.3448                              |  |                                       |                     |
| 20/03/2015           | 95.2615           | 1.0408                           | 0.1201               | 1.1608                   | 3.3080           |                                |                                 | 38.4775                                  | 50.3118                              |  |                                       |                     |
| 21/03/2015           | 95.1193           | 1.0800                           | 0.1331               | 1.2132                   | 3.4000           |                                |                                 | 38.4823                                  | 50.2814                              |  |                                       |                     |
| 22/03/2015           | 95.1141           | 1.0766                           | 0.1271               | 1.2037                   | 3.4080           |                                |                                 | 38.4929                                  | 50.2924                              |  |                                       |                     |
| 23/03/2015           | 95.0821           | 1.0285                           | 0.1305               | 1.1589                   | 3.4850           |                                |                                 | 38.5358                                  | 50.3487                              |  |                                       |                     |
| 24/03/2015           | 95.0408           | 1.0041                           | 0.1248               | 1.1289                   | 3.5660           |                                |                                 | 38.5625                                  | 50.3836                              |  |                                       |                     |
| 25/03/2015           | 94.4736           | 0.9644                           | 0.1214               | 1.0858                   | 4.1860           |                                |                                 | 38.7483                                  | 50.5189                              |  |                                       |                     |
| 26/03/2015           | 94.5737           | 0.8614                           | 0.1248               | 0.9861                   | 4.2080           |                                |                                 | 38.7701                                  | 50.6015                              |  |                                       |                     |
| 27/03/2015           | 94.8496           | 0.9356                           | 0.1307               | 1.0663                   | 3.8640           |                                |                                 | 38.6306                                  | 50.4678                              |  |                                       |                     |
| 28/03/2015           | 94.7736           | 0.9082                           | 0.1181               | 1.0263                   | 3.9600           |                                |                                 | 38.6885                                  | 50.5257                              |  |                                       |                     |
| 29/03/2015           | 94.7187           | 0.8423                           | 0.1548               | 0.9972                   | 4.0110           |                                |                                 | 38.7345                                  | 50.5806                              |  |                                       |                     |
| 30/03/2015           | 94.6740           | 0.9628                           | 0.1518               | 1.1146                   | 3.9380           |                                |                                 | 38.6734                                  | 50.4636                              |  |                                       |                     |
| 31/03/2015           | 94.8775           | 1.0441                           | 0.1464               | 1.1905                   | 3.6310           |                                |                                 | 38.5803                                  | 50.3562                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.1725 | 0.8423 | 0.1181 | 0.9861 | 3.2780 |  |  | 38.4495 | 50.2639 |  |  |  |
| <b>Promedio</b>   | 94.8156 | 0.9863 | 0.1322 | 1.1185 | 3.8119 |  |  | 38.6251 | 50.4285 |  |  |  |
| <b>Máximo</b>     | 95.2615 | 1.1053 | 0.1556 | 1.2333 | 4.5700 |  |  | 38.8347 | 50.6260 |  |  |  |
| <b>Desv. Est.</b> | 0.3019  | 0.0811 | 0.0100 | 0.0779 | 0.3725 |  |  | 0.1168  | 0.1170  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | CFE CCC Huinala  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 96.8360           | 1.5010                           | 0.1050               | 1.6060                   | 1.2205           |                                |                                 | 37.7821                                  | 49.5975                              |  |                                       |                     |
| 02/03/2015           | 96.7610           | 1.5087                           | 0.1069               | 1.6156                   | 1.2672           |                                |                                 | 37.7964                                  | 49.5996                              |  |                                       |                     |
| 03/03/2015           | 96.8449           | 1.4650                           | 0.1052               | 1.5702                   | 1.2362           |                                |                                 | 37.8051                                  | 49.6356                              |  |                                       |                     |
| 04/03/2015           | 96.7143           | 1.5554                           | 0.1024               | 1.6578                   | 1.2503           |                                |                                 | 37.8111                                  | 49.5792                              |  |                                       |                     |
| 05/03/2015           | 96.7357           | 1.5877                           | 0.1009               | 1.6886                   | 1.2347           |                                |                                 | 37.7414                                  | 49.5114                              |  |                                       |                     |
| 06/03/2015           | 96.6647           | 1.6163                           | 0.0960               | 1.7123                   | 1.2943           |                                |                                 | 37.7353                                  | 49.4973                              |  |                                       |                     |
| 07/03/2015           | 96.4890           | 1.6536                           | 0.1001               | 1.7537                   | 1.3601           |                                |                                 | 37.8107                                  | 49.5112                              |  |                                       |                     |
| 08/03/2015           | 96.5342           | 1.6520                           | 0.1015               | 1.7535                   | 1.3198           |                                |                                 | 37.7967                                  | 49.5035                              |  |                                       |                     |
| 09/03/2015           | 96.7454           | 1.6136                           | 0.0997               | 1.7133                   | 1.1958           |                                |                                 | 37.7436                                  | 49.4999                              |  |                                       |                     |
| 10/03/2015           | 96.6898           | 1.6296                           | 0.0991               | 1.7288                   | 1.2386           |                                |                                 | 37.7389                                  | 49.4865                              |  |                                       |                     |
| 11/03/2015           | 96.7262           | 1.6053                           | 0.1144               | 1.7196                   | 1.1959           |                                |                                 | 37.7546                                  | 49.5064                              |  |                                       |                     |
| 12/03/2015           | 96.6430           | 1.6010                           | 0.1162               | 1.7171                   | 1.2662           |                                |                                 | 37.7840                                  | 49.5246                              |  |                                       |                     |
| 13/03/2015           | 96.5793           | 1.5875                           | 0.1159               | 1.7034                   | 1.3505           |                                |                                 | 37.8108                                  | 49.5511                              |  |                                       |                     |
| 14/03/2015           | 96.5418           | 1.5879                           | 0.1198               | 1.7077                   | 1.3578           |                                |                                 | 37.8332                                  | 49.5622                              |  |                                       |                     |
| 15/03/2015           | 96.6690           | 1.5920                           | 0.1130               | 1.7050                   | 1.2780           |                                |                                 | 37.7720                                  | 49.5262                              |  |                                       |                     |
| 16/03/2015           | 96.6920           | 1.6080                           | 0.1120               | 1.7200                   | 1.2550           |                                |                                 | 37.7500                                  | 49.5038                              |  |                                       |                     |
| 17/03/2015           | 96.3990           | 1.5465                           | 0.1113               | 1.6577                   | 1.5110           |                                |                                 | 37.9240                                  | 49.6456                              |  |                                       |                     |
| 18/03/2015           | 96.2340           | 1.5545                           | 0.1141               | 1.6686                   | 1.6890           |                                |                                 | 37.9565                                  | 49.6579                              |  |                                       |                     |
| 19/03/2015           | 96.6550           | 1.5380                           | 0.1170               | 1.6550                   | 1.3320           |                                |                                 | 37.8139                                  | 49.5854                              |  |                                       |                     |
| 20/03/2015           | 96.6810           | 1.5810                           | 0.1130               | 1.6940                   | 1.2740           |                                |                                 | 37.7780                                  | 49.5367                              |  |                                       |                     |
| 21/03/2015           | 96.7375           | 1.5226                           | 0.1085               | 1.6312                   | 1.2760           |                                |                                 | 37.7995                                  | 49.5912                              |  |                                       |                     |
| 22/03/2015           | 96.8255           | 1.5256                           | 0.1068               | 1.6323                   | 1.1940           |                                |                                 | 37.7754                                  | 49.5759                              |  |                                       |                     |
| 23/03/2015           | 96.8281           | 1.5142                           | 0.1097               | 1.6239                   | 1.1950           |                                |                                 | 37.7787                                  | 49.5844                              |  |                                       |                     |
| 24/03/2015           | 96.6340           | 1.5768                           | 0.1103               | 1.6870                   | 1.3020           |                                |                                 | 37.8028                                  | 49.5550                              |  |                                       |                     |
| 25/03/2015           | 96.6441           | 1.5594                           | 0.1118               | 1.6712                   | 1.3220           |                                |                                 | 37.8059                                  | 49.5682                              |  |                                       |                     |
| 26/03/2015           | 96.8827           | 1.5160                           | 0.1123               | 1.6283                   | 1.1360           |                                |                                 | 37.7595                                  | 49.5707                              |  |                                       |                     |
| 27/03/2015           | 96.9012           | 1.5106                           | 0.1103               | 1.6209                   | 1.1400           |                                |                                 | 37.7505                                  | 49.5700                              |  |                                       |                     |
| 28/03/2015           | 96.8750           | 1.5275                           | 0.1100               | 1.6376                   | 1.1450           |                                |                                 | 37.7487                                  | 49.5576                              |  |                                       |                     |
| 29/03/2015           | 96.8748           | 1.5142                           | 0.1123               | 1.6265                   | 1.1540           |                                |                                 | 37.7579                                  | 49.5710                              |  |                                       |                     |
| 30/03/2015           | 96.7059           | 1.5779                           | 0.1040               | 1.6819                   | 1.2810           |                                |                                 | 37.7635                                  | 49.5343                              |  |                                       |                     |
| 31/03/2015           | 96.8511           | 1.5414                           | 0.1117               | 1.6530                   | 1.1480           |                                |                                 | 37.7499                                  | 49.5481                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 96.2340 | 1.4650 | 0.0960 | 1.5702 | 1.1360 |  |  | 37.7353 | 49.4865 |  |  |  |
| <b>Promedio</b>   | 96.6966 | 1.5636 | 0.1087 | 1.6723 | 1.2716 |  |  | 37.7881 | 49.5564 |  |  |  |
| <b>Máximo</b>     | 96.9012 | 1.6536 | 0.1198 | 1.7537 | 1.6890 |  |  | 37.9565 | 49.6579 |  |  |  |
| <b>Desv. Est.</b> | 0.1498  | 0.0471 | 0.0060 | 0.0459 | 0.1117 |  |  | 0.0488  | 0.0444  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Escobedo Alta                   |              |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 94.8671           | 0.9028                           | 0.1374               | 1.0403                   | 3.8860           |                                |                                 | 38.6421                                  | 50.4940                              |  |                                       |                     |
| 02/03/2015           | 94.5981           | 0.8969                           | 0.1218               | 1.0186                   | 4.1440           |                                |                                 | 38.7521                                  | 50.5678                              |  |                                       |                     |
| 03/03/2015           | 95.2190           | 1.0579                           | 0.1254               | 1.1833                   | 3.3390           |                                |                                 | 38.4738                                  | 50.2953                              |  |                                       |                     |
| 04/03/2015           | 94.8048           | 1.0677                           | 0.1291               | 1.1968                   | 3.7380           |                                |                                 | 38.5819                                  | 50.3488                              |  |                                       |                     |
| 05/03/2015           | 94.8751           | 1.0162                           | 0.1279               | 1.1441                   | 3.7370           |                                |                                 | 38.5855                                  | 50.3872                              |  |                                       |                     |
| 06/03/2015           | 94.7397           | 1.0376                           | 0.1258               | 1.1634                   | 3.8590           |                                |                                 | 38.6077                                  | 50.3860                              |  |                                       |                     |
| 07/03/2015           | 94.8511           | 1.1053                           | 0.1225               | 1.2278                   | 3.6640           |                                |                                 | 38.5437                                  | 50.3040                              |  |                                       |                     |
| 08/03/2015           | 94.7774           | 1.1017                           | 0.1317               | 1.2333                   | 3.7190           |                                |                                 | 38.5690                                  | 50.3168                              |  |                                       |                     |
| 09/03/2015           | 94.2912           | 0.9375                           | 0.1356               | 1.0731                   | 4.4070           |                                |                                 | 38.7873                                  | 50.5537                              |  |                                       |                     |
| 10/03/2015           | 94.2328           | 0.9385                           | 0.1348               | 1.0733                   | 4.4580           |                                |                                 | 38.8105                                  | 50.5664                              |  |                                       |                     |
| 11/03/2015           | 94.1725           | 0.8997                           | 0.1414               | 1.0411                   | 4.5700           |                                |                                 | 38.8347                                  | 50.6043                              |  |                                       |                     |
| 12/03/2015           | 94.3411           | 0.8562                           | 0.1375               | 0.9937                   | 4.4530           |                                |                                 | 38.8168                                  | 50.6260                              |  |                                       |                     |
| 13/03/2015           | 94.7099           | 0.8770                           | 0.1357               | 1.0128                   | 4.0440           |                                |                                 | 38.7138                                  | 50.5536                              |  |                                       |                     |
| 14/03/2015           | 94.7786           | 0.9152                           | 0.1556               | 1.0708                   | 3.8720           |                                |                                 | 38.6785                                  | 50.4974                              |  |                                       |                     |
| 15/03/2015           | 94.7738           | 0.9815                           | 0.1431               | 1.1246                   | 3.8420           |                                |                                 | 38.6369                                  | 50.4337                              |  |                                       |                     |
| 16/03/2015           | 95.1744           | 1.0658                           | 0.1301               | 1.1959                   | 3.3660           |                                |                                 | 38.4820                                  | 50.2924                              |  |                                       |                     |
| 17/03/2015           | 95.2566           | 1.0824                           | 0.1264               | 1.2088                   | 3.2780           |                                |                                 | 38.4495                                  | 50.2639                              |  |                                       |                     |
| 18/03/2015           | 95.1837           | 1.0381                           | 0.1292               | 1.1673                   | 3.4020           |                                |                                 | 38.4885                                  | 50.3157                              |  |                                       |                     |
| 19/03/2015           | 95.0798           | 1.0494                           | 0.1224               | 1.1718                   | 3.4260           |                                |                                 | 38.5479                                  | 50.3448                              |  |                                       |                     |
| 20/03/2015           | 95.2615           | 1.0408                           | 0.1201               | 1.1608                   | 3.3080           |                                |                                 | 38.4775                                  | 50.3118                              |  |                                       |                     |
| 21/03/2015           | 95.1193           | 1.0800                           | 0.1331               | 1.2132                   | 3.4000           |                                |                                 | 38.4823                                  | 50.2814                              |  |                                       |                     |
| 22/03/2015           | 95.1141           | 1.0766                           | 0.1271               | 1.2037                   | 3.4080           |                                |                                 | 38.4929                                  | 50.2924                              |  |                                       |                     |
| 23/03/2015           | 95.0821           | 1.0285                           | 0.1305               | 1.1589                   | 3.4850           |                                |                                 | 38.5358                                  | 50.3487                              |  |                                       |                     |
| 24/03/2015           | 95.0408           | 1.0041                           | 0.1248               | 1.1289                   | 3.5660           |                                |                                 | 38.5625                                  | 50.3836                              |  |                                       |                     |
| 25/03/2015           | 94.4736           | 0.9644                           | 0.1214               | 1.0858                   | 4.1860           |                                |                                 | 38.7483                                  | 50.5189                              |  |                                       |                     |
| 26/03/2015           | 94.5737           | 0.8614                           | 0.1248               | 0.9861                   | 4.2080           |                                |                                 | 38.7701                                  | 50.6015                              |  |                                       |                     |
| 27/03/2015           | 94.8496           | 0.9356                           | 0.1307               | 1.0663                   | 3.8640           |                                |                                 | 38.6306                                  | 50.4678                              |  |                                       |                     |
| 28/03/2015           | 94.7736           | 0.9082                           | 0.1181               | 1.0263                   | 3.9600           |                                |                                 | 38.6885                                  | 50.5257                              |  |                                       |                     |
| 29/03/2015           | 94.7187           | 0.8423                           | 0.1548               | 0.9972                   | 4.0110           |                                |                                 | 38.7345                                  | 50.5806                              |  |                                       |                     |
| 30/03/2015           | 94.6740           | 0.9628                           | 0.1518               | 1.1146                   | 3.9380           |                                |                                 | 38.6734                                  | 50.4636                              |  |                                       |                     |
| 31/03/2015           | 94.8775           | 1.0441                           | 0.1464               | 1.1905                   | 3.6310           |                                |                                 | 38.5803                                  | 50.3562                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.1725 | 0.8423 | 0.1181 | 0.9861 | 3.2780 |  |  | 38.4495 | 50.2639 |  |  |  |
| <b>Promedio</b>   | 94.8156 | 0.9863 | 0.1322 | 1.1185 | 3.8119 |  |  | 38.6251 | 50.4285 |  |  |  |
| <b>Máximo</b>     | 95.2615 | 1.1053 | 0.1556 | 1.2333 | 4.5700 |  |  | 38.8347 | 50.6260 |  |  |  |
| <b>Desv. Est.</b> | 0.3019  | 0.0811 | 0.0100 | 0.0779 | 0.3725 |  |  | 0.1168  | 0.1170  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Escobedo Baja  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 95.7463           | 1.1835                           | 0.1687               | 1.3523                   | 2.6240           |                                |                                 | 38.2249                                  | 50.0453                              |  |                                       |                     |
| 02/03/2015           | 95.2342           | 1.0661                           | 0.1784               | 1.2445                   | 3.2870           |                                |                                 | 38.4153                                  | 50.2321                              |  |                                       |                     |
| 03/03/2015           | 95.0594           | 1.1033                           | 0.1803               | 1.2837                   | 3.5100           |                                |                                 | 38.4005                                  | 50.1976                              |  |                                       |                     |
| 04/03/2015           | 95.2909           | 1.1052                           | 0.1705               | 1.2757                   | 3.2390           |                                |                                 | 38.3619                                  | 50.1782                              |  |                                       |                     |
| 05/03/2015           | 94.6674           | 1.0086                           | 0.1729               | 1.1815                   | 3.9730           |                                |                                 | 38.5889                                  | 50.3743                              |  |                                       |                     |
| 06/03/2015           | 94.9685           | 1.0549                           | 0.1618               | 1.2167                   | 3.6100           |                                |                                 | 38.4958                                  | 50.2939                              |  |                                       |                     |
| 07/03/2015           | 94.8290           | 0.9749                           | 0.1581               | 1.1330                   | 3.8260           |                                |                                 | 38.5923                                  | 50.4061                              |  |                                       |                     |
| 08/03/2015           | 95.2302           | 1.0546                           | 0.1498               | 1.2044                   | 3.2740           |                                |                                 | 38.4701                                  | 50.2841                              |  |                                       |                     |
| 09/03/2015           | 95.0580           | 1.0889                           | 0.1723               | 1.2612                   | 3.4620           |                                |                                 | 38.4466                                  | 50.2372                              |  |                                       |                     |
| 10/03/2015           | 95.0771           | 1.1153                           | 0.1599               | 1.2752                   | 3.3690           |                                |                                 | 38.4640                                  | 50.2342                              |  |                                       |                     |
| 11/03/2015           | 95.7157           | 1.2033                           | 0.1424               | 1.3458                   | 2.6220           |                                |                                 | 38.2532                                  | 50.0594                              |  |                                       |                     |
| 12/03/2015           | 95.8080           | 1.2098                           | 0.1410               | 1.3507                   | 2.5340           |                                |                                 | 38.2219                                  | 50.0378                              |  |                                       |                     |
| 13/03/2015           | 95.9024           | 1.1595                           | 0.1454               | 1.3050                   | 2.5110           |                                |                                 | 38.2125                                  | 50.0653                              |  |                                       |                     |
| 14/03/2015           | 95.3270           | 1.1233                           | 0.1637               | 1.2870                   | 3.1630           |                                |                                 | 38.3585                                  | 50.1665                              |  |                                       |                     |
| 15/03/2015           | 95.6239           | 1.2973                           | 0.1528               | 1.4501                   | 2.6820           |                                |                                 | 38.1818                                  | 49.9493                              |  |                                       |                     |
| 16/03/2015           | 95.4099           | 1.2634                           | 0.1630               | 1.4265                   | 2.9670           |                                |                                 | 38.2359                                  | 49.9996                              |  |                                       |                     |
| 17/03/2015           | 95.2911           | 1.2829                           | 0.1583               | 1.4412                   | 2.9930           |                                |                                 | 38.2945                                  | 50.0216                              |  |                                       |                     |
| 18/03/2015           | 94.9889           | 1.1438                           | 0.1610               | 1.3048                   | 3.4280           |                                |                                 | 38.4755                                  | 50.2206                              |  |                                       |                     |
| 19/03/2015           | 95.4368           | 1.1255                           | 0.1500               | 1.2756                   | 2.9950           |                                |                                 | 38.3764                                  | 50.1811                              |  |                                       |                     |
| 20/03/2015           | 95.0808           | 1.0813                           | 0.1550               | 1.2363                   | 3.4320           |                                |                                 | 38.4811                                  | 50.2698                              |  |                                       |                     |
| 21/03/2015           | 94.7350           | 1.1294                           | 0.1691               | 1.2985                   | 3.7820           |                                |                                 | 38.5017                                  | 50.2425                              |  |                                       |                     |
| 22/03/2015           | 95.2729           | 1.2597                           | 0.1616               | 1.4213                   | 3.0810           |                                |                                 | 38.2877                                  | 50.0324                              |  |                                       |                     |
| 23/03/2015           | 95.3143           | 1.1525                           | 0.1660               | 1.3185                   | 3.1750           |                                |                                 | 38.3311                                  | 50.1297                              |  |                                       |                     |
| 24/03/2015           | 95.3963           | 1.2153                           | 0.1526               | 1.3679                   | 2.9800           |                                |                                 | 38.3055                                  | 50.0772                              |  |                                       |                     |
| 25/03/2015           | 94.6490           | 1.2053                           | 0.1485               | 1.3538                   | 3.6690           |                                |                                 | 38.5656                                  | 50.2351                              |  |                                       |                     |
| 26/03/2015           | 94.8485           | 1.2262                           | 0.1533               | 1.3794                   | 3.4770           |                                |                                 | 38.4784                                  | 50.1686                              |  |                                       |                     |
| 27/03/2015           | 95.5102           | 1.2803                           | 0.1568               | 1.4371                   | 2.7510           |                                |                                 | 38.2566                                  | 50.0019                              |  |                                       |                     |
| 28/03/2015           | 95.3413           | 1.2099                           | 0.1632               | 1.3730                   | 2.9500           |                                |                                 | 38.3552                                  | 50.1042                              |  |                                       |                     |
| 29/03/2015           | 95.7740           | 1.2294                           | 0.1559               | 1.3853                   | 2.5390           |                                |                                 | 38.2163                                  | 50.0140                              |  |                                       |                     |
| 30/03/2015           | 95.4954           | 1.2008                           | 0.1606               | 1.3614                   | 2.7890           |                                |                                 | 38.3304                                  | 50.0972                              |  |                                       |                     |
| 31/03/2015           | 95.3228           | 1.1985                           | 0.1685               | 1.3669                   | 3.0000           |                                |                                 | 38.3595                                  | 50.1124                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.6490 | 0.9749 | 0.1410 | 1.1330 | 2.5110 |  |  | 38.1818 | 49.9493 |  |  |  |
| <b>Promedio</b>   | 95.2711 | 1.1598 | 0.1600 | 1.3198 | 3.1514 |  |  | 38.3722 | 50.1506 |  |  |  |
| <b>Máximo</b>     | 95.9024 | 1.2973 | 0.1803 | 1.4501 | 3.9730 |  |  | 38.5923 | 50.4061 |  |  |  |
| <b>Desv. Est.</b> | 0.3377  | 0.0827 | 0.0099 | 0.0798 | 0.4082 |  |  | 0.1188  | 0.1155  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Apodaca  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 95.7463           | 1.1835                           | 0.1687               | 1.3523                   | 2.6240           |                                |                                 | 38.2249                                  | 50.0453                              |  |                                       |                     |
| 02/03/2015           | 95.2342           | 1.0661                           | 0.1784               | 1.2445                   | 3.2870           |                                |                                 | 38.4153                                  | 50.2321                              |  |                                       |                     |
| 03/03/2015           | 95.0594           | 1.1033                           | 0.1803               | 1.2837                   | 3.5100           |                                |                                 | 38.4005                                  | 50.1976                              |  |                                       |                     |
| 04/03/2015           | 95.2909           | 1.1052                           | 0.1705               | 1.2757                   | 3.2390           |                                |                                 | 38.3619                                  | 50.1782                              |  |                                       |                     |
| 05/03/2015           | 94.6674           | 1.0086                           | 0.1729               | 1.1815                   | 3.9730           |                                |                                 | 38.5889                                  | 50.3743                              |  |                                       |                     |
| 06/03/2015           | 94.9685           | 1.0549                           | 0.1618               | 1.2167                   | 3.6100           |                                |                                 | 38.4958                                  | 50.2939                              |  |                                       |                     |
| 07/03/2015           | 94.8290           | 0.9749                           | 0.1581               | 1.1330                   | 3.8260           |                                |                                 | 38.5923                                  | 50.4061                              |  |                                       |                     |
| 08/03/2015           | 95.2302           | 1.0546                           | 0.1498               | 1.2044                   | 3.2740           |                                |                                 | 38.4701                                  | 50.2841                              |  |                                       |                     |
| 09/03/2015           | 95.0580           | 1.0889                           | 0.1723               | 1.2612                   | 3.4620           |                                |                                 | 38.4466                                  | 50.2372                              |  |                                       |                     |
| 10/03/2015           | 95.0771           | 1.1153                           | 0.1599               | 1.2752                   | 3.3690           |                                |                                 | 38.4640                                  | 50.2342                              |  |                                       |                     |
| 11/03/2015           | 95.7157           | 1.2033                           | 0.1424               | 1.3458                   | 2.6220           |                                |                                 | 38.2532                                  | 50.0594                              |  |                                       |                     |
| 12/03/2015           | 95.8080           | 1.2098                           | 0.1410               | 1.3507                   | 2.5340           |                                |                                 | 38.2219                                  | 50.0378                              |  |                                       |                     |
| 13/03/2015           | 95.9024           | 1.1595                           | 0.1454               | 1.3050                   | 2.5110           |                                |                                 | 38.2125                                  | 50.0653                              |  |                                       |                     |
| 14/03/2015           | 95.3270           | 1.1233                           | 0.1637               | 1.2870                   | 3.1630           |                                |                                 | 38.3585                                  | 50.1665                              |  |                                       |                     |
| 15/03/2015           | 95.6239           | 1.2973                           | 0.1528               | 1.4501                   | 2.6820           |                                |                                 | 38.1818                                  | 49.9493                              |  |                                       |                     |
| 16/03/2015           | 95.4099           | 1.2634                           | 0.1630               | 1.4265                   | 2.9670           |                                |                                 | 38.2359                                  | 49.9996                              |  |                                       |                     |
| 17/03/2015           | 95.2911           | 1.2829                           | 0.1583               | 1.4412                   | 2.9930           |                                |                                 | 38.2945                                  | 50.0216                              |  |                                       |                     |
| 18/03/2015           | 94.9889           | 1.1438                           | 0.1610               | 1.3048                   | 3.4280           |                                |                                 | 38.4755                                  | 50.2206                              |  |                                       |                     |
| 19/03/2015           | 95.4368           | 1.1255                           | 0.1500               | 1.2756                   | 2.9950           |                                |                                 | 38.3764                                  | 50.1811                              |  |                                       |                     |
| 20/03/2015           | 95.0808           | 1.0813                           | 0.1550               | 1.2363                   | 3.4320           |                                |                                 | 38.4811                                  | 50.2698                              |  |                                       |                     |
| 21/03/2015           | 94.7350           | 1.1294                           | 0.1691               | 1.2985                   | 3.7820           |                                |                                 | 38.5017                                  | 50.2425                              |  |                                       |                     |
| 22/03/2015           | 95.2729           | 1.2597                           | 0.1616               | 1.4213                   | 3.0810           |                                |                                 | 38.2877                                  | 50.0324                              |  |                                       |                     |
| 23/03/2015           | 95.3143           | 1.1525                           | 0.1660               | 1.3185                   | 3.1750           |                                |                                 | 38.3311                                  | 50.1297                              |  |                                       |                     |
| 24/03/2015           | 95.3963           | 1.2153                           | 0.1526               | 1.3679                   | 2.9800           |                                |                                 | 38.3055                                  | 50.0772                              |  |                                       |                     |
| 25/03/2015           | 94.6490           | 1.2053                           | 0.1485               | 1.3538                   | 3.6690           |                                |                                 | 38.5656                                  | 50.2351                              |  |                                       |                     |
| 26/03/2015           | 94.8485           | 1.2262                           | 0.1533               | 1.3794                   | 3.4770           |                                |                                 | 38.4784                                  | 50.1686                              |  |                                       |                     |
| 27/03/2015           | 95.5102           | 1.2803                           | 0.1568               | 1.4371                   | 2.7510           |                                |                                 | 38.2566                                  | 50.0019                              |  |                                       |                     |
| 28/03/2015           | 95.3413           | 1.2099                           | 0.1632               | 1.3730                   | 2.9500           |                                |                                 | 38.3552                                  | 50.1042                              |  |                                       |                     |
| 29/03/2015           | 95.7740           | 1.2294                           | 0.1559               | 1.3853                   | 2.5390           |                                |                                 | 38.2163                                  | 50.0140                              |  |                                       |                     |
| 30/03/2015           | 95.4954           | 1.2008                           | 0.1606               | 1.3614                   | 2.7890           |                                |                                 | 38.3304                                  | 50.0972                              |  |                                       |                     |
| 31/03/2015           | 95.3228           | 1.1985                           | 0.1685               | 1.3669                   | 3.0000           |                                |                                 | 38.3595                                  | 50.1124                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.6490 | 0.9749 | 0.1410 | 1.1330 | 2.5110 |  |  | 38.1818 | 49.9493 |  |  |  |
| <b>Promedio</b>   | 95.2711 | 1.1598 | 0.1600 | 1.3198 | 3.1514 |  |  | 38.3722 | 50.1506 |  |  |  |
| <b>Máximo</b>     | 95.9024 | 1.2973 | 0.1803 | 1.4501 | 3.9730 |  |  | 38.5923 | 50.4061 |  |  |  |
| <b>Desv. Est.</b> | 0.3377  | 0.0827 | 0.0099 | 0.0798 | 0.4082 |  |  | 0.1188  | 0.1155  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Red Monclova   |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 96.2685           | 0.7971                           | 0.4664               | 1.2635                   | 2.2730           |                                |                                 | 38.0873                                  | 50.0991                              |  |                                       |                     |
| 02/03/2015           | 96.5437           | 0.8162                           | 0.5100               | 1.3263                   | 1.9420           |                                |                                 | 37.9655                                  | 49.9956                              |  |                                       |                     |
| 03/03/2015           | 95.9368           | 0.7950                           | 0.4313               | 1.2263                   | 2.6710           |                                |                                 | 38.1943                                  | 50.1783                              |  |                                       |                     |
| 04/03/2015           | 96.1063           | 0.8116                           | 0.4452               | 1.2568                   | 2.4610           |                                |                                 | 38.1378                                  | 50.1278                              |  |                                       |                     |
| 05/03/2015           | 95.6476           | 0.8417                           | 0.4452               | 1.2868                   | 2.9210           |                                |                                 | 38.2270                                  | 50.1587                              |  |                                       |                     |
| 06/03/2015           | 95.7232           | 0.8190                           | 0.4153               | 1.2344                   | 2.8760           |                                |                                 | 38.2483                                  | 50.2000                              |  |                                       |                     |
| 07/03/2015           | 95.5934           | 0.8110                           | 0.4162               | 1.2271                   | 3.0170           |                                |                                 | 38.2897                                  | 50.2290                              |  |                                       |                     |
| 08/03/2015           | 95.6599           | 0.8492                           | 0.3992               | 1.2484                   | 2.9210           |                                |                                 | 38.2628                                  | 50.1948                              |  |                                       |                     |
| 09/03/2015           | 95.9203           | 0.7841                           | 0.4727               | 1.2568                   | 2.6520           |                                |                                 | 38.1798                                  | 50.1588                              |  |                                       |                     |
| 10/03/2015           | 95.5908           | 0.8333                           | 0.4139               | 1.2472                   | 2.9660           |                                |                                 | 38.2913                                  | 50.2152                              |  |                                       |                     |
| 11/03/2015           | 95.4410           | 0.8072                           | 0.4213               | 1.2285                   | 3.1710           |                                |                                 | 38.3281                                  | 50.2515                              |  |                                       |                     |
| 12/03/2015           | 95.9944           | 0.8833                           | 0.4125               | 1.2958                   | 2.4920           |                                |                                 | 38.1545                                  | 50.1023                              |  |                                       |                     |
| 13/03/2015           | 96.5345           | 0.8978                           | 0.4478               | 1.3457                   | 1.9170           |                                |                                 | 37.9634                                  | 49.9659                              |  |                                       |                     |
| 14/03/2015           | 96.3336           | 0.9582                           | 0.3795               | 1.3378                   | 2.1080           |                                |                                 | 38.0353                                  | 49.9965                              |  |                                       |                     |
| 15/03/2015           | 96.1386           | 0.8630                           | 0.4339               | 1.2969                   | 2.3930           |                                |                                 | 38.0949                                  | 50.0727                              |  |                                       |                     |
| 16/03/2015           | 96.1570           | 0.8608                           | 0.4599               | 1.3206                   | 2.3650           |                                |                                 | 38.0664                                  | 50.0460                              |  |                                       |                     |
| 17/03/2015           | 96.2263           | 0.9396                           | 0.4426               | 1.3823                   | 2.2220           |                                |                                 | 38.0128                                  | 49.9678                              |  |                                       |                     |
| 18/03/2015           | 96.0990           | 0.8675                           | 0.3880               | 1.2555                   | 2.4670           |                                |                                 | 38.1354                                  | 50.1137                              |  |                                       |                     |
| 19/03/2015           | 96.1382           | 0.8468                           | 0.4638               | 1.3106                   | 2.3710           |                                |                                 | 38.0894                                  | 50.0670                              |  |                                       |                     |
| 20/03/2015           | 95.9341           | 0.8512                           | 0.4384               | 1.2896                   | 2.5510           |                                |                                 | 38.1970                                  | 50.1370                              |  |                                       |                     |
| 21/03/2015           | 95.7560           | 0.8800                           | 0.3812               | 1.2612                   | 2.7910           |                                |                                 | 38.2402                                  | 50.1683                              |  |                                       |                     |
| 22/03/2015           | 95.5259           | 0.8458                           | 0.4388               | 1.2847                   | 3.0260           |                                |                                 | 38.2731                                  | 50.1850                              |  |                                       |                     |
| 23/03/2015           | 95.7666           | 0.8896                           | 0.4801               | 1.3698                   | 2.7240           |                                |                                 | 38.1364                                  | 50.0571                              |  |                                       |                     |
| 24/03/2015           | 95.4188           | 0.9765                           | 0.3752               | 1.3517                   | 3.0500           |                                |                                 | 38.2681                                  | 50.1202                              |  |                                       |                     |
| 25/03/2015           | 95.7561           | 0.8179                           | 0.4443               | 1.2621                   | 2.8160           |                                |                                 | 38.2253                                  | 50.1744                              |  |                                       |                     |
| 26/03/2015           | 95.4998           | 0.8898                           | 0.3885               | 1.2783                   | 3.0040           |                                |                                 | 38.3101                                  | 50.1982                              |  |                                       |                     |
| 27/03/2015           | 95.2922           | 0.7896                           | 0.4085               | 1.1981                   | 3.3210           |                                |                                 | 38.4089                                  | 50.3156                              |  |                                       |                     |
| 28/03/2015           | 95.7223           | 0.9286                           | 0.4045               | 1.3331                   | 2.7400           |                                |                                 | 38.2073                                  | 50.1049                              |  |                                       |                     |
| 29/03/2015           | 95.9464           | 0.9266                           | 0.4290               | 1.3556                   | 2.4670           |                                |                                 | 38.1376                                  | 50.0547                              |  |                                       |                     |
| 30/03/2015           | 96.2623           | 0.9435                           | 0.4722               | 1.4157                   | 2.1130           |                                |                                 | 38.0022                                  | 49.9452                              |  |                                       |                     |
| 31/03/2015           | 96.2541           | 0.9198                           | 0.4296               | 1.3494                   | 2.1880           |                                |                                 | 38.0498                                  | 50.0088                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 95.2922 | 0.7841 | 0.3752 | 1.1981 | 1.9170 |  |  | 37.9634 | 49.9452 |  |  |  |
| <b>Promedio</b>   | 95.9093 | 0.8626 | 0.4308 | 1.2934 | 2.6128 |  |  | 38.1684 | 50.1165 |  |  |  |
| <b>Máximo</b>     | 96.5437 | 0.9765 | 0.5100 | 1.4157 | 3.3210 |  |  | 38.4089 | 50.3156 |  |  |  |
| <b>Desv. Est.</b> | 0.3328  | 0.0537 | 0.0325 | 0.0531 | 0.3707 |  |  | 0.1131  | 0.0914  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Monclova   |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 98.3993           | 0.1590                           | 1.3912               | 1.5502                   | 0.0370           |                                |                                 | 37.2050                                  | 49.6120                              |  |                                       |                     |
| 02/03/2015           | 98.4001           | 0.1533                           | 1.4012               | 1.5545                   | 0.0320           |                                |                                 | 37.2020                                  | 49.6096                              |  |                                       |                     |
| 03/03/2015           | 98.4129           | 0.1528                           | 1.3854               | 1.5383                   | 0.0350           |                                |                                 | 37.2093                                  | 49.6216                              |  |                                       |                     |
| 04/03/2015           | 98.3867           | 0.1544                           | 1.4047               | 1.5591                   | 0.0400           |                                |                                 | 37.2035                                  | 49.6081                              |  |                                       |                     |
| 05/03/2015           | 98.3893           | 0.1564                           | 1.3860               | 1.5423                   | 0.0540           |                                |                                 | 37.2130                                  | 49.6208                              |  |                                       |                     |
| 06/03/2015           | 98.3863           | 0.1594                           | 1.3878               | 1.5471                   | 0.0530           |                                |                                 | 37.2109                                  | 49.6168                              |  |                                       |                     |
| 07/03/2015           | 98.4026           | 0.1580                           | 1.3865               | 1.5446                   | 0.0390           |                                |                                 | 37.2079                                  | 49.6166                              |  |                                       |                     |
| 08/03/2015           | 98.4030           | 0.1569                           | 1.3875               | 1.5445                   | 0.0380           |                                |                                 | 37.2078                                  | 49.6167                              |  |                                       |                     |
| 09/03/2015           | 98.4250           | 0.1568                           | 1.3719               | 1.5287                   | 0.0320           |                                |                                 | 37.2123                                  | 49.6268                              |  |                                       |                     |
| 10/03/2015           | 98.3969           | 0.1588                           | 1.3955               | 1.5543                   | 0.0350           |                                |                                 | 37.2033                                  | 49.6091                              |  |                                       |                     |
| 11/03/2015           | 98.4060           | 0.1588                           | 1.3700               | 1.5287                   | 0.0520           |                                |                                 | 37.2177                                  | 49.6295                              |  |                                       |                     |
| 12/03/2015           | 98.3733           | 0.1583                           | 1.3836               | 1.5419                   | 0.0710           |                                |                                 | 37.2184                                  | 49.6239                              |  |                                       |                     |
| 13/03/2015           | 98.3717           | 0.1574                           | 1.3874               | 1.5448                   | 0.0690           |                                |                                 | 37.2168                                  | 49.6217                              |  |                                       |                     |
| 14/03/2015           | 98.4159           | 0.1551                           | 1.3840               | 1.5391                   | 0.0310           |                                |                                 | 37.2082                                  | 49.6200                              |  |                                       |                     |
| 15/03/2015           | 98.4241           | 0.1531                           | 1.3822               | 1.5353                   | 0.0270           |                                |                                 | 37.2082                                  | 49.6222                              |  |                                       |                     |
| 16/03/2015           | 98.4205           | 0.1552                           | 1.3853               | 1.5405                   | 0.0250           |                                |                                 | 37.2056                                  | 49.6176                              |  |                                       |                     |
| 17/03/2015           | 98.4144           | 0.1606                           | 1.3842               | 1.5448                   | 0.0270           |                                |                                 | 37.2049                                  | 49.6141                              |  |                                       |                     |
| 18/03/2015           | 98.4248           | 0.1566                           | 1.3770               | 1.5337                   | 0.0280           |                                |                                 | 37.2093                                  | 49.6228                              |  |                                       |                     |
| 19/03/2015           | 98.4139           | 0.1573                           | 1.3894               | 1.5467                   | 0.0250           |                                |                                 | 37.2040                                  | 49.6135                              |  |                                       |                     |
| 20/03/2015           | 98.4019           | 0.1585                           | 1.3987               | 1.5572                   | 0.0260           |                                |                                 | 37.2006                                  | 49.6063                              |  |                                       |                     |
| 21/03/2015           | 98.4115           | 0.1561                           | 1.3910               | 1.5472                   | 0.0260           |                                |                                 | 37.2045                                  | 49.6137                              |  |                                       |                     |
| 22/03/2015           | 98.4020           | 0.1570                           | 1.3985               | 1.5555                   | 0.0280           |                                |                                 | 37.2016                                  | 49.6079                              |  |                                       |                     |
| 23/03/2015           | 98.3904           | 0.1568                           | 1.4147               | 1.5715                   | 0.0230           |                                |                                 | 37.1947                                  | 49.5966                              |  |                                       |                     |
| 24/03/2015           | 98.4076           | 0.1501                           | 1.4064               | 1.5565                   | 0.0200           |                                |                                 | 37.2002                                  | 49.6085                              |  |                                       |                     |
| 25/03/2015           | 98.4495           | 0.1537                           | 1.3608               | 1.5145                   | 0.0200           |                                |                                 | 37.2100                                  | 49.6258                              |  |                                       |                     |
| 26/03/2015           | 98.5303           | 0.1453                           | 1.2783               | 1.4237                   | 0.0330           |                                |                                 | 37.2119                                  | 49.6296                              |  |                                       |                     |
| 27/03/2015           | 98.4660           | 0.1320                           | 1.3712               | 1.5032                   | 0.0200           |                                |                                 | 37.2130                                  | 49.6332                              |  |                                       |                     |
| 28/03/2015           | 98.4752           | 0.1368                           | 1.3575               | 1.4943                   | 0.0190           |                                |                                 | 37.2143                                  | 49.6431                              |  |                                       |                     |
| 29/03/2015           | 98.4171           | 0.1606                           | 1.3873               | 1.5479                   | 0.0210           |                                |                                 | 37.1960                                  | 49.6016                              |  |                                       |                     |
| 30/03/2015           | 98.3933           | 0.1543                           | 1.4058               | 1.5602                   | 0.0310           |                                |                                 | 37.1938                                  | 49.5955                              |  |                                       |                     |
| 31/03/2015           | 98.4420           | 0.1353                           | 1.3843               | 1.5196                   | 0.0250           |                                |                                 | 37.2077                                  | 49.6283                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 98.3717 | 0.1320 | 1.2783 | 1.4237 | 0.0190 |  |  | 37.1938 | 49.5955 |  |  |  |
| <b>Promedio</b>   | 98.4146 | 0.1540 | 1.3837 | 1.5377 | 0.0336 |  |  | 37.2070 | 49.6172 |  |  |  |
| <b>Máximo</b>     | 98.5303 | 0.1606 | 1.4147 | 1.5715 | 0.0710 |  |  | 37.2184 | 49.6431 |  |  |  |
| <b>Desv. Est.</b> | 0.0318  | 0.0072 | 0.0234 | 0.0268 | 0.0135 |  |  | 0.0063  | 0.0106  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | GIMSA  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 96.7495           | 0.6436                           | 0.1273               | 0.7709                   | 2.3540           |                                |                                 | 38.2440                                  | 50.4541                              |  |                                       |                     |
| 02/03/2015           | 96.8898           | 0.6415                           | 0.1641               | 0.8056                   | 2.0940           |                                |                                 | 38.2254                                  | 50.4269                              |  |                                       |                     |
| 03/03/2015           | 96.2385           | 0.5991                           | 0.1617               | 0.7608                   | 2.7790           |                                |                                 | 38.4376                                  | 50.5791                              |  |                                       |                     |
| 04/03/2015           | 96.7307           | 0.8488                           | 0.1699               | 1.0187                   | 2.1080           |                                |                                 | 38.0947                                  | 50.2033                              |  |                                       |                     |
| 05/03/2015           | 95.7841           | 0.5743                           | 0.1217               | 0.6960                   | 3.3660           |                                |                                 | 38.5825                                  | 50.6979                              |  |                                       |                     |
| 06/03/2015           | 95.6993           | 0.6390                           | 0.1266               | 0.7657                   | 3.3820           |                                |                                 | 38.5590                                  | 50.6367                              |  |                                       |                     |
| 07/03/2015           | 95.7585           | 0.6182                           | 0.1334               | 0.7515                   | 3.3170           |                                |                                 | 38.5578                                  | 50.6474                              |  |                                       |                     |
| 08/03/2015           | 95.7833           | 0.6634                           | 0.1372               | 0.8005                   | 3.2030           |                                |                                 | 38.5393                                  | 50.6031                              |  |                                       |                     |
| 09/03/2015           | 95.7017           | 0.6596                           | 0.1403               | 0.7999                   | 3.2790           |                                |                                 | 38.5640                                  | 50.6183                              |  |                                       |                     |
| 10/03/2015           | 95.5833           | 0.6635                           | 0.1378               | 0.8013                   | 3.3810           |                                |                                 | 38.6037                                  | 50.6391                              |  |                                       |                     |
| 11/03/2015           | 95.8383           | 0.5563                           | 0.1271               | 0.6834                   | 3.3150           |                                |                                 | 38.5756                                  | 50.7042                              |  |                                       |                     |
| 12/03/2015           | 95.9125           | 0.5560                           | 0.1275               | 0.6835                   | 3.2470           |                                |                                 | 38.5498                                  | 50.6896                              |  |                                       |                     |
| 13/03/2015           | 95.1118           | 0.7086                           | 0.1848               | 0.8934                   | 3.7440           |                                |                                 | 38.6824                                  | 50.6300                              |  |                                       |                     |
| 14/03/2015           | 96.6020           | 0.6561                           | 0.1380               | 0.7941                   | 2.4350           |                                |                                 | 38.2898                                  | 50.4661                              |  |                                       |                     |
| 15/03/2015           | 96.6060           | 0.7373                           | 0.1430               | 0.8803                   | 2.3390           |                                |                                 | 38.2420                                  | 50.3791                              |  |                                       |                     |
| 16/03/2015           | 96.1848           | 0.7797                           | 0.1426               | 0.9223                   | 2.7050           |                                |                                 | 38.3415                                  | 50.4061                              |  |                                       |                     |
| 17/03/2015           | 95.6293           | 0.7859                           | 0.1443               | 0.9302                   | 3.2510           |                                |                                 | 38.5022                                  | 50.4925                              |  |                                       |                     |
| 18/03/2015           | 95.2913           | 0.6128                           | 0.1269               | 0.7397                   | 3.7970           |                                |                                 | 38.7011                                  | 50.7354                              |  |                                       |                     |
| 19/03/2015           | 95.3357           | 0.6149                           | 0.1253               | 0.7402                   | 3.7590           |                                |                                 | 38.6837                                  | 50.7248                              |  |                                       |                     |
| 20/03/2015           | 94.8592           | 0.5812                           | 0.1313               | 0.7124                   | 4.2530           |                                |                                 | 38.8424                                  | 50.8357                              |  |                                       |                     |
| 21/03/2015           | 95.0200           | 0.5534                           | 0.1428               | 0.6962                   | 4.0140           |                                |                                 | 38.8410                                  | 50.8485                              |  |                                       |                     |
| 22/03/2015           | 96.2650           | 0.6272                           | 0.1345               | 0.7617                   | 2.7740           |                                |                                 | 38.4260                                  | 50.5652                              |  |                                       |                     |
| 23/03/2015           | 96.1608           | 0.6695                           | 0.1388               | 0.8083                   | 2.8150           |                                |                                 | 38.4377                                  | 50.5401                              |  |                                       |                     |
| 24/03/2015           | 95.4301           | 0.6257                           | 0.1318               | 0.7574                   | 3.6040           |                                |                                 | 38.6755                                  | 50.7093                              |  |                                       |                     |
| 25/03/2015           | 95.6043           | 0.6151                           | 0.1297               | 0.7448                   | 3.4540           |                                |                                 | 38.6141                                  | 50.6830                              |  |                                       |                     |
| 26/03/2015           | 96.1600           | 0.6402                           | 0.1271               | 0.7673                   | 2.8380           |                                |                                 | 38.4591                                  | 50.5783                              |  |                                       |                     |
| 27/03/2015           | 95.6828           | 0.6413                           | 0.1506               | 0.7919                   | 3.2630           |                                |                                 | 38.5853                                  | 50.6381                              |  |                                       |                     |
| 28/03/2015           | 95.6284           | 0.5917                           | 0.1408               | 0.7325                   | 3.4550           |                                |                                 | 38.6120                                  | 50.6933                              |  |                                       |                     |
| 29/03/2015           | 95.7720           | 0.6017                           | 0.1420               | 0.7438                   | 3.2520           |                                |                                 | 38.5785                                  | 50.6662                              |  |                                       |                     |
| 30/03/2015           | 95.1136           | 0.5632                           | 0.1446               | 0.7078                   | 3.7960           |                                |                                 | 38.8423                                  | 50.8411                              |  |                                       |                     |
| 31/03/2015           | 95.6083           | 0.5405                           | 0.1377               | 0.6782                   | 3.5350           |                                |                                 | 38.6454                                  | 50.7498                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.8592 | 0.5405 | 0.1217 | 0.6782 | 2.0940 |  |  | 38.0947 | 50.2033 |  |  |  |
| <b>Promedio</b>   | 95.8301 | 0.6390 | 0.1397 | 0.7787 | 3.1906 |  |  | 38.5334 | 50.6155 |  |  |  |
| <b>Máximo</b>     | 96.8898 | 0.8488 | 0.1848 | 1.0187 | 4.2530 |  |  | 38.8424 | 50.8485 |  |  |  |
| <b>Desv. Est.</b> | 0.5265  | 0.0718 | 0.0142 | 0.0794 | 0.5469 |  |  | 0.1834  | 0.1441  |  |  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Burgos 1, 2 Y 3  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.7733           | 1.0167                           | 0.1900               | 1.2067                   | 5.0100           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 02/03/2015           | 93.7350           | 1.0517                           | 0.1917               | 1.2433                   | 5.0120           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 03/03/2015           | 93.7133           | 1.0667                           | 0.2017               | 1.2683                   | 5.0080           |                                |                                 | 38.6423                                  | 50.3435                              |  |                                       |                     |
| 04/03/2015           | 93.7017           | 1.1050                           | 0.2117               | 1.3167                   | 4.9700           |                                |                                 | 38.6157                                  | 50.2733                              |  |                                       |                     |
| 05/03/2015           | 93.5717           | 1.1250                           | 0.2183               | 1.3433                   | 5.0630           |                                |                                 | 38.6490                                  | 50.3167                              |  |                                       |                     |
| 06/03/2015           | 93.6218           | 1.1050                           | 0.2117               | 1.3167                   | 5.0330           |                                |                                 | 38.6423                                  | 50.3080                              |  |                                       |                     |
| 07/03/2015           | 93.6025           | 1.1217                           | 0.2167               | 1.3383                   | 5.0410           |                                |                                 | 38.6157                                  | 50.2804                              |  |                                       |                     |
| 08/03/2015           | 93.6967           | 1.0833                           | 0.2000               | 1.2833                   | 5.0100           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 09/03/2015           | 93.6382           | 1.0933                           | 0.2000               | 1.2933                   | 5.0590           |                                |                                 | 38.6490                                  | 50.3238                              |  |                                       |                     |
| 10/03/2015           | 93.6810           | 1.0633                           | 0.2000               | 1.2633                   | 5.0460           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 11/03/2015           | 93.6875           | 1.0817                           | 0.2017               | 1.2833                   | 5.0190           |                                |                                 | 38.6490                                  | 50.3167                              |  |                                       |                     |
| 12/03/2015           | 93.6600           | 1.0933                           | 0.2083               | 1.3017                   | 5.0280           |                                |                                 | 38.6490                                  | 50.3167                              |  |                                       |                     |
| 13/03/2015           | 93.6217           | 1.1033                           | 0.2000               | 1.3033                   | 5.0650           |                                |                                 | 38.6490                                  | 50.3238                              |  |                                       |                     |
| 14/03/2015           | 93.6885           | 1.0700                           | 0.1967               | 1.2667                   | 5.0350           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 15/03/2015           | 93.7292           | 1.0700                           | 0.1817               | 1.2517                   | 5.0090           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 16/03/2015           | 93.7100           | 1.0733                           | 0.1917               | 1.2650                   | 5.0150           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 17/03/2015           | 93.6633           | 1.0933                           | 0.2017               | 1.2950                   | 5.0320           |                                |                                 | 38.6423                                  | 50.3080                              |  |                                       |                     |
| 18/03/2015           | 93.6818           | 1.1033                           | 0.2083               | 1.3117                   | 4.9950           |                                |                                 | 38.6090                                  | 50.2646                              |  |                                       |                     |
| 19/03/2015           | 93.6908           | 1.0700                           | 0.1983               | 1.2683                   | 5.0210           |                                |                                 | 38.6157                                  | 50.2733                              |  |                                       |                     |
| 20/03/2015           | 93.6850           | 1.0700                           | 0.1917               | 1.2617                   | 5.0350           |                                |                                 | 38.6490                                  | 50.3167                              |  |                                       |                     |
| 21/03/2015           | 93.6785           | 1.0633                           | 0.2000               | 1.2633                   | 5.0470           |                                |                                 | 38.6490                                  | 50.3238                              |  |                                       |                     |
| 22/03/2015           | 93.7708           | 1.0300                           | 0.1983               | 1.2283                   | 4.9830           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 23/03/2015           | 93.7500           | 1.0367                           | 0.1917               | 1.2283                   | 5.0100           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 24/03/2015           | 93.6633           | 1.0683                           | 0.1983               | 1.2667                   | 5.0500           |                                |                                 | 38.6488                                  | 50.3236                              |  |                                       |                     |
| 25/03/2015           | 93.7285           | 1.0633                           | 0.1917               | 1.2550                   | 4.9980           |                                |                                 | 38.6482                                  | 50.3583                              |  |                                       |                     |
| 26/03/2015           | 93.7210           | 1.0733                           | 0.2000               | 1.2733                   | 4.9950           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 27/03/2015           | 93.7225           | 1.0400                           | 0.1983               | 1.2383                   | 5.0190           |                                |                                 | 38.6555                                  | 50.3679                              |  |                                       |                     |
| 28/03/2015           | 93.7467           | 1.0333                           | 0.1917               | 1.2250                   | 5.0100           |                                |                                 | 38.6880                                  | 50.4102                              |  |                                       |                     |
| 29/03/2015           | 93.8268           | 0.9983                           | 0.2017               | 1.2000                   | 4.9630           |                                |                                 | 38.6815                                  | 50.4018                              |  |                                       |                     |
| 30/03/2015           | 93.7958           | 1.0017                           | 0.2083               | 1.2100                   | 4.9830           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 31/03/2015           | 93.7363           | 1.0702                           | 0.1990               | 1.2692                   | 4.9730           |                                |                                 | 38.6532                                  | 50.3200                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.5717 | 0.9983 | 0.1817 | 1.2000 | 4.9630 |  |  | 38.6090 | 50.2646 |  |  |  |
| <b>Promedio</b>   | 93.6998 | 1.0690 | 0.2000 | 1.2690 | 5.0173 |  |  | 38.6465 | 50.3351 |  |  |  |
| <b>Máximo</b>     | 93.8268 | 1.1250 | 0.2183 | 1.3433 | 5.0650 |  |  | 38.6880 | 50.4102 |  |  |  |
| <b>Desv. Est.</b> | 0.0559  | 0.0318 | 0.0081 | 0.0366 | 0.0270 |  |  | 0.0158  | 0.0346  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquimica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Burgos 4   |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.7900           | 1.0100                           | 0.1900               | 1.2000                   | 5.0100           |                                |                                 | 38.6876                                  | 50.4097                              |  |                                       |                     |
| 02/03/2015           | 93.6500           | 1.0700                           | 0.1900               | 1.2600                   | 5.0900           |                                |                                 | 38.6484                                  | 50.3160                              |  |                                       |                     |
| 03/03/2015           | 93.7200           | 1.0900                           | 0.1800               | 1.2700                   | 5.0100           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 04/03/2015           | 93.6800           | 1.1500                           | 0.2100               | 1.3600                   | 4.9600           |                                |                                 | 38.6093                                  | 50.2650                              |  |                                       |                     |
| 05/03/2015           | 93.6500           | 1.1600                           | 0.2000               | 1.3600                   | 4.9800           |                                |                                 | 38.6093                                  | 50.2650                              |  |                                       |                     |
| 06/03/2015           | 93.7606           | 1.1199                           | 0.2000               | 1.3199                   | 4.9195           |                                |                                 | 38.5701                                  | 50.2567                              |  |                                       |                     |
| 07/03/2015           | 93.6700           | 1.1500                           | 0.1900               | 1.3400                   | 4.9900           |                                |                                 | 38.6093                                  | 50.2650                              |  |                                       |                     |
| 08/03/2015           | 93.7700           | 1.0700                           | 0.2000               | 1.2700                   | 4.9600           |                                |                                 | 38.6093                                  | 50.3077                              |  |                                       |                     |
| 09/03/2015           | 93.6600           | 1.0900                           | 0.1900               | 1.2800                   | 5.0600           |                                |                                 | 38.6484                                  | 50.3160                              |  |                                       |                     |
| 10/03/2015           | 93.7400           | 1.0500                           | 0.1900               | 1.2400                   | 5.0200           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 11/03/2015           | 93.8100           | 1.1400                           | 0.1800               | 1.3200                   | 4.8700           |                                |                                 | 38.6446                                  | 50.3537                              |  |                                       |                     |
| 12/03/2015           | 93.7306           | 1.0999                           | 0.2000               | 1.2999                   | 4.9695           |                                |                                 | 38.6093                                  | 50.2650                              |  |                                       |                     |
| 13/03/2015           | 93.7400           | 1.1100                           | 0.1900               | 1.3000                   | 4.9600           |                                |                                 | 38.6093                                  | 50.3077                              |  |                                       |                     |
| 14/03/2015           | 93.7300           | 1.0400                           | 0.2000               | 1.2400                   | 5.0300           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 15/03/2015           | 93.7400           | 1.0500                           | 0.2000               | 1.2500                   | 5.0100           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 16/03/2015           | 93.7700           | 1.0600                           | 0.2000               | 1.2600                   | 4.9600           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 17/03/2015           | 93.6800           | 1.0800                           | 0.2000               | 1.2800                   | 5.0400           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 18/03/2015           | 93.6600           | 1.0800                           | 0.2100               | 1.2900                   | 5.0500           |                                |                                 | 38.6484                                  | 50.3160                              |  |                                       |                     |
| 19/03/2015           | 93.8406           | 1.0699                           | 0.1900               | 1.2599                   | 4.8995           |                                |                                 | 38.6093                                  | 50.3505                              |  |                                       |                     |
| 20/03/2015           | 93.7200           | 1.0400                           | 0.2000               | 1.2400                   | 5.0400           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 21/03/2015           | 93.7700           | 1.0400                           | 0.1900               | 1.2300                   | 4.9900           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 22/03/2015           | 93.8306           | 1.0199                           | 0.1800               | 1.1999                   | 4.9595           |                                |                                 | 38.6484                                  | 50.4015                              |  |                                       |                     |
| 23/03/2015           | 93.7500           | 1.0400                           | 0.2000               | 1.2400                   | 5.0100           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 24/03/2015           | 93.7600           | 1.0200                           | 0.2000               | 1.2200                   | 5.0200           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 25/03/2015           | 93.7800           | 1.0400                           | 0.1900               | 1.2300                   | 4.9900           |                                |                                 | 38.6876                                  | 50.4097                              |  |                                       |                     |
| 26/03/2015           | 93.6300           | 1.1500                           | 0.2100               | 1.3600                   | 5.0100           |                                |                                 | 38.6093                                  | 50.2650                              |  |                                       |                     |
| 27/03/2015           | 93.6894           | 1.0501                           | 0.2100               | 1.2601                   | 5.0505           |                                |                                 | 38.6484                                  | 50.3160                              |  |                                       |                     |
| 28/03/2015           | 93.7394           | 1.0201                           | 0.1900               | 1.2101                   | 5.0505           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 29/03/2015           | 93.9288           | 0.9702                           | 0.1900               | 1.1602                   | 4.9110           |                                |                                 | 38.6876                                  | 50.4526                              |  |                                       |                     |
| 30/03/2015           | 93.7700           | 1.0200                           | 0.2200               | 1.2400                   | 4.9700           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |
| 31/03/2015           | 93.7794           | 1.0301                           | 0.2000               | 1.2301                   | 4.9905           |                                |                                 | 38.6484                                  | 50.3587                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.6300 | 0.9702 | 0.1800 | 1.1602 | 4.8700 |  |  | 38.5701 | 50.2567 |  |  |  |
| <b>Promedio</b>   | 93.7400 | 1.0687 | 0.1965 | 1.2652 | 4.9929 |  |  | 38.6395 | 50.3388 |  |  |  |
| <b>Máximo</b>     | 93.9288 | 1.1600 | 0.2200 | 1.3600 | 5.0900 |  |  | 38.6876 | 50.4526 |  |  |  |
| <b>Desv. Est.</b> | 0.0648  | 0.0480 | 0.0095 | 0.0496 | 0.0501 |  |  | 0.0262  | 0.0484  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Burgos 5 y 6   |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.7100           | 1.0617                           | 0.2000               | 1.2617                   | 5.0280           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 02/03/2015           | 93.6648           | 1.0750                           | 0.2000               | 1.2750                   | 5.0600           |                                |                                 | 38.6422                                  | 50.3150                              |  |                                       |                     |
| 03/03/2015           | 93.7073           | 1.0967                           | 0.1983               | 1.2950                   | 4.9980           |                                |                                 | 38.6090                                  | 50.3073                              |  |                                       |                     |
| 04/03/2015           | 93.7858           | 1.0767                           | 0.1950               | 1.2717                   | 4.9420           |                                |                                 | 38.6157                                  | 50.3160                              |  |                                       |                     |
| 05/03/2015           | 93.7152           | 1.0650                           | 0.2183               | 1.2833                   | 5.0000           |                                |                                 | 38.6423                                  | 50.3507                              |  |                                       |                     |
| 06/03/2015           | 93.6792           | 1.0967                           | 0.2100               | 1.3067                   | 5.0070           |                                |                                 | 38.6090                                  | 50.3002                              |  |                                       |                     |
| 07/03/2015           | 93.6350           | 1.1183                           | 0.2117               | 1.3300                   | 5.0350           |                                |                                 | 38.6157                                  | 50.2804                              |  |                                       |                     |
| 08/03/2015           | 93.7167           | 1.0550                           | 0.2183               | 1.2733                   | 5.0100           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 09/03/2015           | 93.7400           | 1.0400                           | 0.2083               | 1.2483                   | 5.0120           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 10/03/2015           | 93.6755           | 1.1069                           | 0.2007               | 1.3076                   | 5.0160           |                                |                                 | 38.6469                                  | 50.3412                              |  |                                       |                     |
| 11/03/2015           | 93.5592           | 1.2608                           | 0.2100               | 1.4708                   | 4.9660           |                                |                                 | 38.6215                                  | 50.2043                              |  |                                       |                     |
| 12/03/2015           | 93.6748           | 1.0967                           | 0.2150               | 1.3117                   | 5.0140           |                                |                                 | 38.6157                                  | 50.3089                              |  |                                       |                     |
| 13/03/2015           | 93.7025           | 1.0800                           | 0.1900               | 1.2700                   | 5.0280           |                                |                                 | 38.6490                                  | 50.3238                              |  |                                       |                     |
| 14/03/2015           | 93.7265           | 1.0700                           | 0.1900               | 1.2600                   | 5.0140           |                                |                                 | 38.6555                                  | 50.3679                              |  |                                       |                     |
| 15/03/2015           | 93.7542           | 1.0283                           | 0.1900               | 1.2183                   | 5.0280           |                                |                                 | 38.6815                                  | 50.4018                              |  |                                       |                     |
| 16/03/2015           | 93.7265           | 1.0683                           | 0.1917               | 1.2600                   | 5.0140           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 17/03/2015           | 93.6925           | 1.0667                           | 0.2017               | 1.2683                   | 5.0360           |                                |                                 | 38.6489                                  | 50.3521                              |  |                                       |                     |
| 18/03/2015           | 93.6267           | 1.0917                           | 0.2117               | 1.3033                   | 5.0530           |                                |                                 | 38.6490                                  | 50.3238                              |  |                                       |                     |
| 19/03/2015           | 93.7050           | 1.0517                           | 0.2167               | 1.2683                   | 5.0270           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 20/03/2015           | 93.6932           | 1.0550                           | 0.1983               | 1.2533                   | 5.0540           |                                |                                 | 38.6493                                  | 50.3242                              |  |                                       |                     |
| 21/03/2015           | 93.7640           | 1.0267                           | 0.1900               | 1.2167                   | 5.0190           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 22/03/2015           | 93.7893           | 1.0133                           | 0.1900               | 1.2033                   | 5.0070           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 23/03/2015           | 93.7742           | 1.0383                           | 0.1933               | 1.2317                   | 4.9950           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 24/03/2015           | 93.6917           | 1.0800                           | 0.2100               | 1.2900                   | 5.0180           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 25/03/2015           | 93.6948           | 1.0800                           | 0.2083               | 1.2883                   | 5.0170           |                                |                                 | 38.6490                                  | 50.3523                              |  |                                       |                     |
| 26/03/2015           | 93.6757           | 1.0717                           | 0.2000               | 1.2717                   | 5.0530           |                                |                                 | 38.6490                                  | 50.3238                              |  |                                       |                     |
| 27/03/2015           | 93.7040           | 1.0333                           | 0.2017               | 1.2350                   | 5.0610           |                                |                                 | 38.6489                                  | 50.3592                              |  |                                       |                     |
| 28/03/2015           | 93.6790           | 1.0500                           | 0.2100               | 1.2600                   | 5.0610           |                                |                                 | 38.6555                                  | 50.3679                              |  |                                       |                     |
| 29/03/2015           | 93.6957           | 1.0433                           | 0.2117               | 1.2550                   | 5.0490           |                                |                                 | 38.6815                                  | 50.4018                              |  |                                       |                     |
| 30/03/2015           | 93.7742           | 1.0117                           | 0.2200               | 1.2317                   | 4.9930           |                                |                                 | 38.6490                                  | 50.3594                              |  |                                       |                     |
| 31/03/2015           | 93.7349           | 1.0475                           | 0.2183               | 1.2659                   | 4.9990           |                                |                                 | 38.6507                                  | 50.3457                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.5592 | 1.0117 | 0.1900 | 1.2033 | 4.9420 |  |  | 38.6090 | 50.2043 |  |  |  |
| <b>Promedio</b>   | 93.7054 | 1.0696 | 0.2042 | 1.2737 | 5.0198 |  |  | 38.6444 | 50.3403 |  |  |  |
| <b>Máximo</b>     | 93.7893 | 1.2608 | 0.2200 | 1.4708 | 5.0610 |  |  | 38.6815 | 50.4018 |  |  |  |
| <b>Desv. Est.</b> | 0.0486  | 0.0444 | 0.0100 | 0.0470 | 0.0272 |  |  | 0.0172  | 0.0370  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Nejo                            |              |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 91.6960           | 0.6614                           | 0.4311               | 1.0925                   | 5.9710           |                                |                                 | 39.8239                                  | 51.1923                              |  |                                       |                     |
| 02/03/2015           | 91.7941           | 0.6553                           | 0.4365               | 1.0918                   | 5.9280           |                                |                                 | 39.7777                                  | 51.1685                              |  |                                       |                     |
| 03/03/2015           | 91.8080           | 0.6405                           | 0.4333               | 1.0738                   | 5.8840           |                                |                                 | 39.8044                                  | 51.1941                              |  |                                       |                     |
| 04/03/2015           | 91.8259           | 0.6355                           | 0.4322               | 1.0678                   | 5.8860           |                                |                                 | 39.7973                                  | 51.1944                              |  |                                       |                     |
| 05/03/2015           | 91.9780           | 0.6394                           | 0.4295               | 1.0689                   | 5.8080           |                                |                                 | 39.7277                                  | 51.1545                              |  |                                       |                     |
| 06/03/2015           | 91.8946           | 0.6559                           | 0.4297               | 1.0856                   | 5.8780           |                                |                                 | 39.7379                                  | 51.1489                              |  |                                       |                     |
| 07/03/2015           | 91.8766           | 0.6568                           | 0.4233               | 1.0801                   | 5.8600           |                                |                                 | 39.7633                                  | 51.1657                              |  |                                       |                     |
| 08/03/2015           | 91.9351           | 0.6169                           | 0.4229               | 1.0398                   | 5.8340           |                                |                                 | 39.7830                                  | 51.2098                              |  |                                       |                     |
| 09/03/2015           | 91.9303           | 0.6283                           | 0.4299               | 1.0582                   | 5.8340           |                                |                                 | 39.7599                                  | 51.1801                              |  |                                       |                     |
| 10/03/2015           | 91.8609           | 0.6583                           | 0.4089               | 1.0672                   | 5.9150           |                                |                                 | 39.7648                                  | 51.1712                              |  |                                       |                     |
| 11/03/2015           | 91.8658           | 0.6518                           | 0.3985               | 1.0503                   | 5.9570           |                                |                                 | 39.7637                                  | 51.1799                              |  |                                       |                     |
| 12/03/2015           | 91.8894           | 0.6407                           | 0.4013               | 1.0420                   | 5.8600           |                                |                                 | 39.7935                                  | 51.2036                              |  |                                       |                     |
| 13/03/2015           | 91.8580           | 0.6490                           | 0.4081               | 1.0571                   | 5.8940           |                                |                                 | 39.7857                                  | 51.1899                              |  |                                       |                     |
| 14/03/2015           | 91.8749           | 0.6487                           | 0.4082               | 1.0569                   | 5.8970           |                                |                                 | 39.7736                                  | 51.1830                              |  |                                       |                     |
| 15/03/2015           | 91.8617           | 0.6539                           | 0.4172               | 1.0710                   | 5.8650           |                                |                                 | 39.7784                                  | 51.1782                              |  |                                       |                     |
| 16/03/2015           | 91.8830           | 0.6404                           | 0.4239               | 1.0643                   | 5.8740           |                                |                                 | 39.7678                                  | 51.1782                              |  |                                       |                     |
| 17/03/2015           | 91.8589           | 0.6429                           | 0.4198               | 1.0627                   | 5.8860           |                                |                                 | 39.7815                                  | 51.1865                              |  |                                       |                     |
| 18/03/2015           | 91.8399           | 0.6540                           | 0.4072               | 1.0612                   | 5.8640           |                                |                                 | 39.8043                                  | 51.1969                              |  |                                       |                     |
| 19/03/2015           | 91.8563           | 0.6472                           | 0.4201               | 1.0673                   | 5.8910           |                                |                                 | 39.7746                                  | 51.1795                              |  |                                       |                     |
| 20/03/2015           | 91.9080           | 0.6441                           | 0.4296               | 1.0738                   | 5.8710           |                                |                                 | 39.7415                                  | 51.1588                              |  |                                       |                     |
| 21/03/2015           | 91.8620           | 0.6455                           | 0.4215               | 1.0670                   | 5.8790           |                                |                                 | 39.7743                                  | 51.1799                              |  |                                       |                     |
| 22/03/2015           | 91.8643           | 0.6503                           | 0.4196               | 1.0699                   | 5.9030           |                                |                                 | 39.7617                                  | 51.1704                              |  |                                       |                     |
| 23/03/2015           | 91.8486           | 0.6582                           | 0.4206               | 1.0788                   | 5.8630           |                                |                                 | 39.7783                                  | 51.1737                              |  |                                       |                     |
| 24/03/2015           | 91.9298           | 0.6445                           | 0.4243               | 1.0688                   | 5.8600           |                                |                                 | 39.7363                                  | 51.1578                              |  |                                       |                     |
| 25/03/2015           | 91.8848           | 0.6300                           | 0.4276               | 1.0576                   | 5.8870           |                                |                                 | 39.7668                                  | 51.1833                              |  |                                       |                     |
| 26/03/2015           | 91.9248           | 0.6373                           | 0.4240               | 1.0613                   | 5.8480           |                                |                                 | 39.7513                                  | 51.1716                              |  |                                       |                     |
| 27/03/2015           | 91.8972           | 0.6483                           | 0.4285               | 1.0768                   | 5.8610           |                                |                                 | 39.7487                                  | 51.1606                              |  |                                       |                     |
| 28/03/2015           | 91.7925           | 0.6809                           | 0.4297               | 1.1106                   | 5.9170           |                                |                                 | 39.7611                                  | 51.1444                              |  |                                       |                     |
| 29/03/2015           | 91.8964           | 0.6452                           | 0.4295               | 1.0747                   | 5.8510           |                                |                                 | 39.7550                                  | 51.1656                              |  |                                       |                     |
| 30/03/2015           | 91.9128           | 0.6429                           | 0.4315               | 1.0745                   | 5.7720           |                                |                                 | 39.7722                                  | 51.1736                              |  |                                       |                     |
| 31/03/2015           | 91.8614           | 0.6493                           | 0.4266               | 1.0759                   | 5.8700           |                                |                                 | 39.7684                                  | 51.1712                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 91.6960 | 0.6169 | 0.3985 | 1.0398 | 5.7720 |  |  | 39.7277 | 51.1444 |  |  |  |
| <b>Promedio</b>   | 91.8700 | 0.6469 | 0.4224 | 1.0693 | 5.8764 |  |  | 39.7703 | 51.1763 |  |  |  |
| <b>Máximo</b>     | 91.9780 | 0.6809 | 0.4365 | 1.1106 | 5.9710 |  |  | 39.8239 | 51.2098 |  |  |  |
| <b>Desv. Est.</b> | 0.0524  | 0.0116 | 0.0098 | 0.0144 | 0.0389 |  |  | 0.0213  | 0.0155  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Kinder Morgan Reynosa  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 95.4420           | 1.4560                           | 0.1650               | 1.6210                   | 2.5620           |                                |                                 | 38.2080                                  | 49.8483                              |  |                                       |                     |
| 02/03/2015           | 96.5600           | 1.5270                           | 0.1650               | 1.6920                   | 1.2950           |                                |                                 | 37.8600                                  | 49.5973                              |  |                                       |                     |
| 03/03/2015           | 95.4440           | 1.4540                           | 0.1660               | 1.6200                   | 2.5590           |                                |                                 | 38.2100                                  | 49.8509                              |  |                                       |                     |
| 04/03/2015           | 96.5830           | 1.5270                           | 0.1390               | 1.6660                   | 1.2940           |                                |                                 | 37.8750                                  | 49.6170                              |  |                                       |                     |
| 05/03/2015           | 96.5870           | 1.5270                           | 0.1370               | 1.6640                   | 1.2920           |                                |                                 | 37.8770                                  | 49.6196                              |  |                                       |                     |
| 06/03/2015           | 95.0540           | 1.3250                           | 0.1730               | 1.4980                   | 2.9980           |                                |                                 | 38.4230                                  | 50.0607                              |  |                                       |                     |
| 07/03/2015           | 95.0360           | 1.3730                           | 0.1630               | 1.5360                   | 2.9600           |                                |                                 | 38.4080                                  | 50.0199                              |  |                                       |                     |
| 08/03/2015           | 95.0520           | 1.3690                           | 0.1760               | 1.5450                   | 2.9390           |                                |                                 | 38.3950                                  | 50.0115                              |  |                                       |                     |
| 09/03/2015           | 94.8468           | 1.3311                           | 0.1757               | 1.5068                   | 3.2000           |                                |                                 | 38.5078                                  | 50.1028                              |  |                                       |                     |
| 10/03/2015           | 95.0831           | 1.3586                           | 0.1600               | 1.5185                   | 2.9910           |                                |                                 | 38.4169                                  | 50.0388                              |  |                                       |                     |
| 11/03/2015           | 95.4350           | 1.3797                           | 0.1665               | 1.5462                   | 2.6610           |                                |                                 | 38.2884                                  | 49.9473                              |  |                                       |                     |
| 12/03/2015           | 95.1409           | 1.3063                           | 0.1673               | 1.4735                   | 3.0180           |                                |                                 | 38.4168                                  | 50.0716                              |  |                                       |                     |
| 13/03/2015           | 94.7617           | 1.2458                           | 0.1775               | 1.4233                   | 3.4680           |                                |                                 | 38.5608                                  | 50.1915                              |  |                                       |                     |
| 14/03/2015           | 96.1460           | 1.6116                           | 0.1109               | 1.7225                   | 1.6580           |                                |                                 | 38.0202                                  | 49.6576                              |  |                                       |                     |
| 15/03/2015           | 96.5425           | 1.5639                           | 0.1011               | 1.6650                   | 1.3510           |                                |                                 | 37.9149                                  | 49.6331                              |  |                                       |                     |
| 16/03/2015           | 96.4496           | 1.6116                           | 0.0999               | 1.7115                   | 1.3780           |                                |                                 | 37.9205                                  | 49.6042                              |  |                                       |                     |
| 17/03/2015           | 94.2040           | 1.3752                           | 0.1654               | 1.5406                   | 3.9430           |                                |                                 | 38.5968                                  | 50.1294                              |  |                                       |                     |
| 18/03/2015           | 95.0781           | 1.5489                           | 0.1615               | 1.7104                   | 2.8400           |                                |                                 | 38.3067                                  | 49.8447                              |  |                                       |                     |
| 19/03/2015           | 95.3267           | 1.4215                           | 0.1665               | 1.5881                   | 2.6950           |                                |                                 | 38.2749                                  | 49.9104                              |  |                                       |                     |
| 20/03/2015           | 95.1263           | 1.4067                           | 0.1524               | 1.5591                   | 2.8910           |                                |                                 | 38.3550                                  | 49.9729                              |  |                                       |                     |
| 21/03/2015           | 96.1509           | 1.6973                           | 0.1023               | 1.7996                   | 1.5490           |                                |                                 | 37.9327                                  | 49.5512                              |  |                                       |                     |
| 22/03/2015           | 96.3109           | 1.6112                           | 0.1057               | 1.7169                   | 1.4780           |                                |                                 | 37.9385                                  | 49.6119                              |  |                                       |                     |
| 23/03/2015           | 95.9762           | 1.5840                           | 0.1130               | 1.6970                   | 1.8560           |                                |                                 | 38.0340                                  | 49.6829                              |  |                                       |                     |
| 24/03/2015           | 93.5416           | 1.5300                           | 0.1474               | 1.6774                   | 4.3370           |                                |                                 | 38.7257                                  | 50.1060                              |  |                                       |                     |
| 25/03/2015           | 92.2838           | 1.3976                           | 0.1677               | 1.5653                   | 5.7570           |                                |                                 | 39.1640                                  | 50.4385                              |  |                                       |                     |
| 26/03/2015           | 93.4544           | 1.4668                           | 0.1772               | 1.6440                   | 4.4990           |                                |                                 | 38.7848                                  | 50.1686                              |  |                                       |                     |
| 27/03/2015           | 95.0644           | 1.5580                           | 0.1755               | 1.7335                   | 2.7980           |                                |                                 | 38.2640                                  | 49.8066                              |  |                                       |                     |
| 28/03/2015           | 95.0945           | 1.5298                           | 0.1698               | 1.6995                   | 2.8120           |                                |                                 | 38.2731                                  | 49.8338                              |  |                                       |                     |
| 29/03/2015           | 95.1369           | 1.4865                           | 0.1773               | 1.6639                   | 2.8260           |                                |                                 | 38.2747                                  | 49.8609                              |  |                                       |                     |
| 30/03/2015           | 95.1395           | 1.4253                           | 0.1843               | 1.6095                   | 2.9000           |                                |                                 | 38.3062                                  | 49.9181                              |  |                                       |                     |
| 31/03/2015           | 94.3610           | 1.6302                           | 0.1684               | 1.7986                   | 3.2510           |                                |                                 | 38.4976                                  | 49.8951                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 92.2838 | 1.2458 | 0.0999 | 1.4233 | 1.2920 |  |  | 37.8600 | 49.5512 |  |  |  |
| <b>Promedio</b>   | 95.2391 | 1.4721 | 0.1541 | 1.6262 | 2.7115 |  |  | 38.2913 | 49.8904 |  |  |  |
| <b>Máximo</b>     | 96.5870 | 1.6973 | 0.1843 | 1.7996 | 5.7570 |  |  | 39.1640 | 50.4385 |  |  |  |
| <b>Desv. Est.</b> | 0.9880  | 0.1112 | 0.0264 | 0.0952 | 1.0430 |  |  | 0.3025  | 0.2185  |  |  |  |

Observaciones: Sin Importación el día 31

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Tennessee  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 96.7271           | 0.6399                           | 0.1419               | 0.7818                   | 2.3750           |                                |                                 | 38.2336                                  | 50.4409                              |  |                                       |                     |
| 02/03/2015           | 96.6395           | 0.6560                           | 0.1500               | 0.8060                   | 2.4270           |                                |                                 | 38.2480                                  | 50.4340                              |  |                                       |                     |
| 03/03/2015           | 96.4726           | 0.6077                           | 0.1350               | 0.7426                   | 2.6610           |                                |                                 | 38.3362                                  | 50.5253                              |  |                                       |                     |
| 04/03/2015           | 96.2366           | 0.6809                           | 0.1496               | 0.8305                   | 2.7680           |                                |                                 | 38.3627                                  | 50.4815                              |  |                                       |                     |
| 05/03/2015           | 95.7863           | 0.5718                           | 0.1371               | 0.7088                   | 3.3690           |                                |                                 | 38.5558                                  | 50.6744                              |  |                                       |                     |
| 06/03/2015           | 95.6941           | 0.6352                           | 0.1415               | 0.7767                   | 3.3930           |                                |                                 | 38.5375                                  | 50.6174                              |  |                                       |                     |
| 07/03/2015           | 95.7509           | 0.6148                           | 0.1496               | 0.7644                   | 3.3250           |                                |                                 | 38.5395                                  | 50.6290                              |  |                                       |                     |
| 08/03/2015           | 95.7356           | 0.6602                           | 0.1533               | 0.8135                   | 3.2570           |                                |                                 | 38.5258                                  | 50.5872                              |  |                                       |                     |
| 09/03/2015           | 95.6795           | 0.6547                           | 0.1566               | 0.8113                   | 3.3110           |                                |                                 | 38.5442                                  | 50.6000                              |  |                                       |                     |
| 10/03/2015           | 95.5420           | 0.6554                           | 0.1535               | 0.8088                   | 3.4360           |                                |                                 | 38.5911                                  | 50.6276                              |  |                                       |                     |
| 11/03/2015           | 95.7968           | 0.5519                           | 0.1416               | 0.6935                   | 3.3590           |                                |                                 | 38.5695                                  | 50.6942                              |  |                                       |                     |
| 12/03/2015           | 95.8825           | 0.5516                           | 0.1419               | 0.6935                   | 3.2780           |                                |                                 | 38.5431                                  | 50.6791                              |  |                                       |                     |
| 13/03/2015           | 96.6902           | 0.5664                           | 0.1420               | 0.7084                   | 2.4620           |                                |                                 | 38.3024                                  | 50.5319                              |  |                                       |                     |
| 14/03/2015           | 96.5601           | 0.6527                           | 0.1542               | 0.8068                   | 2.4730           |                                |                                 | 38.2840                                  | 50.4547                              |  |                                       |                     |
| 15/03/2015           | 96.5599           | 0.7337                           | 0.1595               | 0.8932                   | 2.3850           |                                |                                 | 38.2306                                  | 50.3646                              |  |                                       |                     |
| 16/03/2015           | 96.1519           | 0.7727                           | 0.1587               | 0.9314                   | 2.7480           |                                |                                 | 38.3252                                  | 50.3915                              |  |                                       |                     |
| 17/03/2015           | 95.5809           | 0.7718                           | 0.1608               | 0.9326                   | 3.3230           |                                |                                 | 38.4865                                  | 50.4831                              |  |                                       |                     |
| 18/03/2015           | 95.2675           | 0.6072                           | 0.1420               | 0.7492                   | 3.8250           |                                |                                 | 38.6886                                  | 50.7223                              |  |                                       |                     |
| 19/03/2015           | 95.3021           | 0.6084                           | 0.1400               | 0.7484                   | 3.7990           |                                |                                 | 38.6758                                  | 50.7152                              |  |                                       |                     |
| 20/03/2015           | 94.8292           | 0.5751                           | 0.1460               | 0.7212                   | 4.2880           |                                |                                 | 38.8331                                  | 50.8249                              |  |                                       |                     |
| 21/03/2015           | 95.0131           | 0.5481                           | 0.1619               | 0.7100                   | 4.0180           |                                |                                 | 38.8248                                  | 50.8313                              |  |                                       |                     |
| 22/03/2015           | 96.2527           | 0.6222                           | 0.1525               | 0.7746                   | 2.7920           |                                |                                 | 38.4040                                  | 50.5452                              |  |                                       |                     |
| 23/03/2015           | 96.1156           | 0.6623                           | 0.1542               | 0.8165                   | 2.8780           |                                |                                 | 38.4200                                  | 50.5252                              |  |                                       |                     |
| 24/03/2015           | 95.3782           | 0.6201                           | 0.1473               | 0.7674                   | 3.6670           |                                |                                 | 38.6610                                  | 50.6950                              |  |                                       |                     |
| 25/03/2015           | 95.5717           | 0.6103                           | 0.1445               | 0.7548                   | 3.4910           |                                |                                 | 38.6061                                  | 50.6721                              |  |                                       |                     |
| 26/03/2015           | 96.1285           | 0.6382                           | 0.1431               | 0.7813                   | 2.8650           |                                |                                 | 38.4490                                  | 50.5636                              |  |                                       |                     |
| 27/03/2015           | 95.6255           | 0.6351                           | 0.1647               | 0.7998                   | 3.3400           |                                |                                 | 38.5805                                  | 50.6303                              |  |                                       |                     |
| 28/03/2015           | 95.6033           | 0.5883                           | 0.1575               | 0.7458                   | 3.4810           |                                |                                 | 38.5997                                  | 50.6780                              |  |                                       |                     |
| 29/03/2015           | 95.7070           | 0.5980                           | 0.1591               | 0.7571                   | 3.3120           |                                |                                 | 38.5810                                  | 50.6596                              |  |                                       |                     |
| 30/03/2015           | 95.0910           | 0.5586                           | 0.1608               | 0.7194                   | 3.8310           |                                |                                 | 38.8293                                  | 50.8266                              |  |                                       |                     |
| 31/03/2015           | 95.5645           | 0.5335                           | 0.1538               | 0.6874                   | 3.5780           |                                |                                 | 38.6468                                  | 50.7451                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.8292 | 0.5335 | 0.1350 | 0.6874 | 2.3750 |  |  | 38.2306 | 50.3646 |  |  |  |
| <b>Promedio</b>   | 95.8367 | 0.6252 | 0.1501 | 0.7754 | 3.2102 |  |  | 38.5166 | 50.6081 |  |  |  |
| <b>Máximo</b>     | 96.7271 | 0.7727 | 0.1647 | 0.9326 | 4.2880 |  |  | 38.8331 | 50.8313 |  |  |  |
| <b>Desv. Est.</b> | 0.5087  | 0.0596 | 0.0082 | 0.0629 | 0.5110 |  |  | 0.1708  | 0.1253  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Pandura                         |              |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 93.7900           | 1.0100                           | 0.1900               | 1.2000                   | 5.0100           |                                |                                 | 40.4660                                  | 51.4624                              |  |                                       |                     |
| 02/03/2015           | 93.6500           | 1.0700                           | 0.1900               | 1.2600                   | 5.0900           |                                |                                 | 40.4679                                  | 51.4649                              |  |                                       |                     |
| 03/03/2015           | 93.7200           | 1.0900                           | 0.1800               | 1.2700                   | 5.0100           |                                |                                 | 40.4619                                  | 51.4615                              |  |                                       |                     |
| 04/03/2015           | 93.6800           | 1.1500                           | 0.2100               | 1.3600                   | 4.9600           |                                |                                 | 40.4667                                  | 51.2738                              |  |                                       |                     |
| 05/03/2015           | 93.6500           | 1.1600                           | 0.2000               | 1.3600                   | 4.9800           |                                |                                 | 40.4639                                  | 51.4639                              |  |                                       |                     |
| 06/03/2015           | 92.6175           | 0.9968                           | 0.0982               | 1.0950                   | 4.1225           |                                |                                 | 40.4861                                  | 51.4755                              |  |                                       |                     |
| 07/03/2015           | 92.6338           | 1.0007                           | 0.0982               | 1.0989                   | 4.1333           |                                |                                 | 40.4550                                  | 51.4568                              |  |                                       |                     |
| 08/03/2015           | 92.6934           | 1.0094                           | 0.0981               | 1.1075                   | 4.0912           |                                |                                 | 40.4334                                  | 51.4376                              |  |                                       |                     |
| 09/03/2015           | 92.6499           | 1.0067                           | 0.0982               | 1.1049                   | 4.1005           |                                |                                 | 40.4682                                  | 51.4570                              |  |                                       |                     |
| 10/03/2015           | 92.6596           | 1.0036                           | 0.0983               | 1.1019                   | 4.1047           |                                |                                 | 40.4661                                  | 51.7099                              |  |                                       |                     |
| 11/03/2015           | 92.6540           | 1.0035                           | 0.0984               | 1.1019                   | 4.1095           |                                |                                 | 40.4577                                  | 51.4561                              |  |                                       |                     |
| 12/03/2015           | 92.6393           | 1.0058                           | 0.0979               | 1.1037                   | 4.1187           |                                |                                 | 40.4566                                  | 51.4547                              |  |                                       |                     |
| 13/03/2015           | 92.6266           | 1.0051                           | 0.0979               | 1.1030                   | 4.1168           |                                |                                 | 40.4929                                  | 51.4717                              |  |                                       |                     |
| 14/03/2015           | 92.6673           | 1.0044                           | 0.0984               | 1.1028                   | 4.1014           |                                |                                 | 40.4773                                  | 51.4644                              |  |                                       |                     |
| 15/03/2015           | 92.6387           | 1.0033                           | 0.0938               | 1.0971                   | 4.1065           |                                |                                 | 40.5044                                  | 51.4822                              |  |                                       |                     |
| 16/03/2015           | 92.6329           | 0.9990                           | 0.0983               | 1.0973                   | 4.1156           |                                |                                 | 40.5015                                  | 51.4827                              |  |                                       |                     |
| 17/03/2015           | 92.6246           | 1.0026                           | 0.0978               | 1.1004                   | 4.1270           |                                |                                 | 40.4926                                  | 51.4755                              |  |                                       |                     |
| 18/03/2015           | 92.5816           | 1.0012                           | 0.0981               | 1.0993                   | 4.1352           |                                |                                 | 40.5329                                  | 51.4976                              |  |                                       |                     |
| 19/03/2015           | 92.6013           | 0.9993                           | 0.0982               | 1.0975                   | 4.1265           |                                |                                 | 40.5263                                  | 51.4975                              |  |                                       |                     |
| 20/03/2015           | 92.6128           | 0.9960                           | 0.0979               | 1.0939                   | 4.1326           |                                |                                 | 40.5116                                  | 51.4913                              |  |                                       |                     |
| 21/03/2015           | 92.5908           | 1.0006                           | 0.0986               | 1.0992                   | 4.1223           |                                |                                 | 40.5095                                  | 51.4846                              |  |                                       |                     |
| 22/03/2015           | 92.6154           | 1.0001                           | 0.0982               | 1.0983                   | 4.1230           |                                |                                 | 40.5195                                  | 51.4930                              |  |                                       |                     |
| 23/03/2015           | 92.5841           | 0.9962                           | 0.0982               | 1.0944                   | 4.1346           |                                |                                 | 40.5357                                  | 51.5011                              |  |                                       |                     |
| 24/03/2015           | 92.6144           | 0.9999                           | 0.0982               | 1.0981                   | 4.1186           |                                |                                 | 40.5401                                  | 51.5025                              |  |                                       |                     |
| 25/03/2015           | 92.5544           | 0.9994                           | 0.0980               | 1.0974                   | 4.1496           |                                |                                 | 40.5698                                  | 51.5196                              |  |                                       |                     |
| 26/03/2015           | 92.6178           | 1.0018                           | 0.0975               | 1.0993                   | 4.1152           |                                |                                 | 40.5289                                  | 51.4967                              |  |                                       |                     |
| 27/03/2015           | 92.6095           | 1.0004                           | 0.0979               | 1.0983                   | 4.1257           |                                |                                 | 40.5316                                  | 51.5001                              |  |                                       |                     |
| 28/03/2015           | 92.5816           | 0.9990                           | 0.0974               | 1.0964                   | 4.1457           |                                |                                 | 40.5432                                  | 51.5065                              |  |                                       |                     |
| 29/03/2015           | 92.5707           | 1.0010                           | 0.0977               | 1.0987                   | 4.1378           |                                |                                 | 40.5530                                  | 51.5107                              |  |                                       |                     |
| 30/03/2015           | 92.5410           | 1.0034                           | 0.0974               | 1.1008                   | 4.1460           |                                |                                 | 40.5875                                  | 51.5253                              |  |                                       |                     |
| 31/03/2015           | 92.5793           | 0.9998                           | 0.0973               | 1.0971                   | 4.1267           |                                |                                 | 40.5930                                  | 51.5324                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 92.5410 | 0.9960 | 0.0938 | 1.0939 | 4.0912 |  |  | 40.4334 | 51.2738 |  |  |  |
| <b>Promedio</b>   | 92.7898 | 1.0167 | 0.1134 | 1.1301 | 4.2657 |  |  | 40.5033 | 51.4842 |  |  |  |
| <b>Máximo</b>     | 93.7900 | 1.1600 | 0.2100 | 1.3600 | 5.0900 |  |  | 40.5930 | 51.7099 |  |  |  |
| <b>Desv. Est.</b> | 0.4068  | 0.0420 | 0.0362 | 0.0757 | 0.3326 |  |  | 0.0415  | 0.0608  |  |  |  |

Observaciones:





**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Valtierrilla  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 90.6271           | 0.4206                           | 2.2022               | 2.6228                   | 5.6070           |                                |                                 | 39.1639                                  | 50.1948                              |  |                                       |                     |
| 02/03/2015           | 91.0128           | 0.5024                           | 1.7878               | 2.2901                   | 5.5430           |                                |                                 | 39.2606                                  | 50.3783                              |  |                                       |                     |
| 03/03/2015           | 90.6953           | 0.4528                           | 2.1415               | 2.5943                   | 5.5880           |                                |                                 | 39.1314                                  | 50.1823                              |  |                                       |                     |
| 04/03/2015           | 89.4076           | 0.3617                           | 2.9705               | 3.3323                   | 6.0070           |                                |                                 | 39.0671                                  | 49.8450                              |  |                                       |                     |
| 05/03/2015           | 88.3246           | 0.2945                           | 3.1393               | 3.4338                   | 6.7640           |                                |                                 | 39.4266                                  | 50.0260                              |  |                                       |                     |
| 06/03/2015           | 89.0911           | 0.3534                           | 2.6692               | 3.0226                   | 6.3660           |                                |                                 | 39.4970                                  | 50.2283                              |  |                                       |                     |
| 07/03/2015           | 88.7853           | 0.3450                           | 2.7747               | 3.1197                   | 6.4720           |                                |                                 | 39.5610                                  | 50.2245                              |  |                                       |                     |
| 08/03/2015           | 89.2144           | 0.3866                           | 2.7131               | 3.0997                   | 6.2340           |                                |                                 | 39.3637                                  | 50.1102                              |  |                                       |                     |
| 09/03/2015           | 89.3575           | 0.4198                           | 2.6332               | 3.0530                   | 6.1070           |                                |                                 | 39.3463                                  | 50.1128                              |  |                                       |                     |
| 10/03/2015           | 89.4213           | 0.4396                           | 2.5555               | 2.9952                   | 6.1440           |                                |                                 | 39.3662                                  | 50.1453                              |  |                                       |                     |
| 11/03/2015           | 89.1127           | 0.4223                           | 2.7566               | 3.1790                   | 6.3150           |                                |                                 | 39.3226                                  | 50.0447                              |  |                                       |                     |
| 12/03/2015           | 89.7546           | 0.4548                           | 2.3830               | 2.8378                   | 6.1390           |                                |                                 | 39.3085                                  | 50.1771                              |  |                                       |                     |
| 13/03/2015           | 89.8033           | 0.4740                           | 2.2705               | 2.7445                   | 6.0660           |                                |                                 | 39.4083                                  | 50.2704                              |  |                                       |                     |
| 14/03/2015           | 90.1333           | 0.4995                           | 2.2237               | 2.7232                   | 5.9200           |                                |                                 | 39.2911                                  | 50.2063                              |  |                                       |                     |
| 15/03/2015           | 89.9353           | 0.4447                           | 2.5552               | 2.9999                   | 6.0120           |                                |                                 | 39.0844                                  | 49.9799                              |  |                                       |                     |
| 16/03/2015           | 89.2772           | 0.3754                           | 3.0322               | 3.4076                   | 6.0440           |                                |                                 | 39.0843                                  | 49.8188                              |  |                                       |                     |
| 17/03/2015           | 89.7111           | 0.3771                           | 2.7755               | 3.1526                   | 5.8600           |                                |                                 | 39.1504                                  | 49.9661                              |  |                                       |                     |
| 18/03/2015           | 89.7620           | 0.3506                           | 2.9295               | 3.2801                   | 5.8050           |                                |                                 | 39.0060                                  | 49.8336                              |  |                                       |                     |
| 19/03/2015           | 90.0527           | 0.3868                           | 2.6478               | 3.0346                   | 5.7520           |                                |                                 | 39.0824                                  | 49.9762                              |  |                                       |                     |
| 20/03/2015           | 90.4638           | 0.4549                           | 2.4294               | 2.8843                   | 5.5450           |                                |                                 | 39.0384                                  | 50.0011                              |  |                                       |                     |
| 21/03/2015           | 90.1040           | 0.3350                           | 2.9750               | 3.3100                   | 5.4780           |                                |                                 | 38.8550                                  | 49.7487                              |  |                                       |                     |
| 22/03/2015           | 90.3040           | 0.4380                           | 2.7660               | 3.2040                   | 5.5770           |                                |                                 | 38.8150                                  | 49.7383                              |  |                                       |                     |
| 23/03/2015           | 89.8650           | 0.4040                           | 3.0780               | 3.4820                   | 5.6870           |                                |                                 | 38.7790                                  | 49.6108                              |  |                                       |                     |
| 24/03/2015           | 90.2907           | 0.4293                           | 2.6382               | 3.0675                   | 5.6330           |                                |                                 | 38.9356                                  | 49.8680                              |  |                                       |                     |
| 25/03/2015           | 90.8839           | 0.5116                           | 2.1768               | 2.6884                   | 5.3890           |                                |                                 | 39.0185                                  | 50.0635                              |  |                                       |                     |
| 26/03/2015           | 92.2168           | 0.6604                           | 1.2049               | 1.8653                   | 5.1030           |                                |                                 | 39.0810                                  | 50.4264                              |  |                                       |                     |
| 27/03/2015           | 91.4449           | 0.5137                           | 1.9443               | 2.4580                   | 5.1290           |                                |                                 | 38.9864                                  | 50.1456                              |  |                                       |                     |
| 28/03/2015           | 91.0639           | 0.4459                           | 2.6659               | 3.1118                   | 4.9120           |                                |                                 | 38.6385                                  | 49.6717                              |  |                                       |                     |
| 29/03/2015           | 92.2174           | 0.5924                           | 1.8019               | 2.3943                   | 4.7750           |                                |                                 | 38.6425                                  | 49.9573                              |  |                                       |                     |
| 30/03/2015           | 92.6353           | 0.6663                           | 1.2019               | 1.8681                   | 4.8750           |                                |                                 | 38.8712                                  | 50.3056                              |  |                                       |                     |
| 31/03/2015           | 92.5020           | 0.6093                           | 1.5484               | 2.1577                   | 4.7510           |                                |                                 | 38.6915                                  | 50.0866                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 88.3246 | 0.2945 | 1.2019 | 1.8653 | 4.7510 |  |  | 38.6385 | 49.6108 |  |  |  |
| <b>Promedio</b>   | 90.2410 | 0.4459 | 2.4384 | 2.8843 | 5.7290 |  |  | 39.1056 | 50.0434 |  |  |  |
| <b>Máximo</b>     | 92.6353 | 0.6663 | 3.1393 | 3.4820 | 6.7640 |  |  | 39.5610 | 50.4264 |  |  |  |
| <b>Desv. Est.</b> | 1.0948  | 0.0912 | 0.5175 | 0.4331 | 0.5122 |  |  | 0.2505  | 0.2049  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Puebla                          |              |
| <b>ZONA DE MEDICIÓN:</b>  | SUR                             | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 96.0684           | 0.0968                           | 1.2690               | 1.3658                   | 1.9610           |                                |                                 | 38.2855                                  | 50.3313                              |  |                                       |                     |
| 02/03/2015           | 97.6186           | 0.1099                           | 0.6519               | 0.7618                   | 1.1730           |                                |                                 | 38.1875                                  | 50.5539                              |  |                                       |                     |
| 03/03/2015           | 97.2116           | 0.1077                           | 0.8255               | 0.9332                   | 1.3680           |                                |                                 | 38.2047                                  | 50.4838                              |  |                                       |                     |
| 04/03/2015           | 96.7832           | 0.1054                           | 0.9951               | 1.1005                   | 1.5920           |                                |                                 | 38.2321                                  | 50.4222                              |  |                                       |                     |
| 05/03/2015           | 98.5093           | 0.1181                           | 0.2742               | 0.3923                   | 0.7320           |                                |                                 | 38.1498                                  | 50.7050                              |  |                                       |                     |
| 06/03/2015           | 98.5690           | 0.1192                           | 0.2494               | 0.3686                   | 0.7000           |                                |                                 | 38.1467                                  | 50.7142                              |  |                                       |                     |
| 07/03/2015           | 97.2155           | 0.1077                           | 0.8134               | 0.9211                   | 1.3630           |                                |                                 | 38.2222                                  | 50.4997                              |  |                                       |                     |
| 08/03/2015           | 97.0636           | 0.1065                           | 0.8333               | 0.9398                   | 1.4700           |                                |                                 | 38.2632                                  | 50.5141                              |  |                                       |                     |
| 09/03/2015           | 96.6261           | 0.1025                           | 1.0500               | 1.1525                   | 1.6510           |                                |                                 | 38.2571                                  | 50.4123                              |  |                                       |                     |
| 10/03/2015           | 95.4306           | 0.0943                           | 1.5104               | 1.6047                   | 2.2780           |                                |                                 | 38.3478                                  | 50.2575                              |  |                                       |                     |
| 11/03/2015           | 95.0300           | 0.0922                           | 1.6989               | 1.7911                   | 2.4760           |                                |                                 | 38.3473                                  | 50.1726                              |  |                                       |                     |
| 12/03/2015           | 95.6214           | 0.0993                           | 1.4439               | 1.5432                   | 2.1680           |                                |                                 | 38.3329                                  | 50.2764                              |  |                                       |                     |
| 13/03/2015           | 94.7301           | 0.0916                           | 1.8838               | 1.9755                   | 2.5880           |                                |                                 | 38.3082                                  | 50.0666                              |  |                                       |                     |
| 14/03/2015           | 95.0428           | 0.0910                           | 1.7570               | 1.8480                   | 2.4250           |                                |                                 | 38.2942                                  | 50.1164                              |  |                                       |                     |
| 15/03/2015           | 96.2898           | 0.0990                           | 1.2183               | 1.3173                   | 1.7970           |                                |                                 | 38.2577                                  | 50.3372                              |  |                                       |                     |
| 16/03/2015           | 96.4779           | 0.1005                           | 1.1027               | 1.2032                   | 1.7180           |                                |                                 | 38.2855                                  | 50.4053                              |  |                                       |                     |
| 17/03/2015           | 97.1182           | 0.1037                           | 0.8838               | 0.9875                   | 1.3930           |                                |                                 | 38.2080                                  | 50.4610                              |  |                                       |                     |
| 18/03/2015           | 96.2717           | 0.0982                           | 1.2720               | 1.3702                   | 1.7860           |                                |                                 | 38.2250                                  | 50.2943                              |  |                                       |                     |
| 19/03/2015           | 95.6514           | 0.0955                           | 1.5477               | 1.6431                   | 2.0580           |                                |                                 | 38.2531                                  | 50.1853                              |  |                                       |                     |
| 20/03/2015           | 95.6643           | 0.0964                           | 1.5323               | 1.6286                   | 2.0760           |                                |                                 | 38.2543                                  | 50.1925                              |  |                                       |                     |
| 21/03/2015           | 95.9405           | 0.0990                           | 1.3941               | 1.4930                   | 1.9420           |                                |                                 | 38.2645                                  | 50.2597                              |  |                                       |                     |
| 22/03/2015           | 95.9741           | 0.1010                           | 1.4058               | 1.5068                   | 1.9130           |                                |                                 | 38.2388                                  | 50.2384                              |  |                                       |                     |
| 23/03/2015           | 96.2815           | 0.1023                           | 1.3066               | 1.4089                   | 1.7360           |                                |                                 | 38.2019                                  | 50.2620                              |  |                                       |                     |
| 24/03/2015           | 95.8498           | 0.0988                           | 1.4745               | 1.5733                   | 1.9520           |                                |                                 | 38.2363                                  | 50.2069                              |  |                                       |                     |
| 25/03/2015           | 96.2286           | 0.0998                           | 1.2961               | 1.3959                   | 1.7740           |                                |                                 | 38.2380                                  | 50.2900                              |  |                                       |                     |
| 26/03/2015           | 96.4801           | 0.1040                           | 1.2115               | 1.3156                   | 1.6470           |                                |                                 | 38.1978                                  | 50.3023                              |  |                                       |                     |
| 27/03/2015           | 97.3460           | 0.1122                           | 0.8647               | 0.9769                   | 1.1890           |                                |                                 | 38.1465                                  | 50.4290                              |  |                                       |                     |
| 28/03/2015           | 97.6089           | 0.1111                           | 0.7767               | 0.8878                   | 1.0490           |                                |                                 | 38.1152                                  | 50.4531                              |  |                                       |                     |
| 29/03/2015           | 97.5219           | 0.1075                           | 0.8739               | 0.9814                   | 1.0820           |                                |                                 | 38.0572                                  | 50.3775                              |  |                                       |                     |
| 30/03/2015           | 97.0048           | 0.1023                           | 1.1470               | 1.2493                   | 1.3130           |                                |                                 | 38.0274                                  | 50.2371                              |  |                                       |                     |
| 31/03/2015           | 96.8058           | 0.0965                           | 1.4473               | 1.5437                   | 1.2880           |                                |                                 | 37.8580                                  | 50.0051                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 94.7301 | 0.0910 | 0.2494 | 0.3686 | 0.7000 |  |  | 37.8580 | 50.0051 |  |  |  |
| <b>Promedio</b>   | 96.5173 | 0.1023 | 1.1616 | 1.2639 | 1.6664 |  |  | 38.2143 | 50.3375 |  |  |  |
| <b>Máximo</b>     | 98.5690 | 0.1192 | 1.8838 | 1.9755 | 2.5880 |  |  | 38.3478 | 50.7142 |  |  |  |
| <b>Desv. Est.</b> | 0.9466  | 0.0071 | 0.3948 | 0.3880 | 0.4814 |  |  | 0.1000  | 0.1660  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Torreon  |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 95.2895           | 0.9318                           | 0.1358               | 1.0675                   | 3.4450           |                                |                                 | 38.4999                                  | 50.3934                              |  |                                       |                     |
| 02/03/2015           | 94.7141           | 0.8835                           | 0.1318               | 1.0153                   | 4.0770           |                                |                                 | 38.6946                                  | 50.5401                              |  |                                       |                     |
| 03/03/2015           | 94.8470           | 0.9404                           | 0.1195               | 1.0599                   | 3.8650           |                                |                                 | 38.6445                                  | 50.4772                              |  |                                       |                     |
| 04/03/2015           | 94.9704           | 1.0776                           | 0.1240               | 1.2016                   | 3.5750           |                                |                                 | 38.5317                                  | 50.3155                              |  |                                       |                     |
| 05/03/2015           | 94.9355           | 1.0450                           | 0.1240               | 1.1690                   | 3.6500           |                                |                                 | 38.5587                                  | 50.3536                              |  |                                       |                     |
| 06/03/2015           | 94.7644           | 1.0101                           | 0.1265               | 1.1366                   | 3.8740           |                                |                                 | 38.6143                                  | 50.4088                              |  |                                       |                     |
| 07/03/2015           | 94.7756           | 1.0806                           | 0.1189               | 1.1995                   | 3.7880           |                                |                                 | 38.5769                                  | 50.3419                              |  |                                       |                     |
| 08/03/2015           | 94.8530           | 1.1070                           | 0.1218               | 1.2288                   | 3.6710           |                                |                                 | 38.5390                                  | 50.3006                              |  |                                       |                     |
| 09/03/2015           | 94.6482           | 1.0698                           | 0.1291               | 1.1989                   | 3.8990           |                                |                                 | 38.6220                                  | 50.3702                              |  |                                       |                     |
| 10/03/2015           | 94.2141           | 0.9452                           | 0.1337               | 1.0788                   | 4.4590           |                                |                                 | 38.8600                                  | 50.6078                              |  |                                       |                     |
| 11/03/2015           | 94.2475           | 0.9469                           | 0.1313               | 1.0782                   | 4.4550           |                                |                                 | 38.7930                                  | 50.5524                              |  |                                       |                     |
| 12/03/2015           | 94.2409           | 0.8898                           | 0.1355               | 1.0253                   | 4.5380           |                                |                                 | 38.8182                                  | 50.6046                              |  |                                       |                     |
| 13/03/2015           | 93.9835           | 0.8496                           | 0.4012               | 1.2508                   | 4.5490           |                                |                                 | 38.7540                                  | 50.4749                              |  |                                       |                     |
| 14/03/2015           | 94.4938           | 0.8741                           | 0.4475               | 1.3216                   | 3.9510           |                                |                                 | 38.5790                                  | 50.3366                              |  |                                       |                     |
| 15/03/2015           | 94.4347           | 0.9308                           | 0.4672               | 1.3980                   | 3.8930           |                                |                                 | 38.5602                                  | 50.2775                              |  |                                       |                     |
| 16/03/2015           | 94.4455           | 0.9562                           | 0.4510               | 1.4072                   | 3.8560           |                                |                                 | 38.5928                                  | 50.2857                              |  |                                       |                     |
| 17/03/2015           | 94.8981           | 1.0635                           | 0.4414               | 1.5049                   | 3.3290           |                                |                                 | 38.3994                                  | 50.1244                              |  |                                       |                     |
| 18/03/2015           | 94.8525           | 1.0867                           | 0.4446               | 1.5313                   | 3.3690           |                                |                                 | 38.3468                                  | 50.0575                              |  |                                       |                     |
| 19/03/2015           | 94.7987           | 1.0546                           | 0.4417               | 1.4963                   | 3.4400           |                                |                                 | 38.3897                                  | 50.1056                              |  |                                       |                     |
| 20/03/2015           | 94.8319           | 1.0418                           | 0.4330               | 1.4748                   | 3.3940           |                                |                                 | 38.4182                                  | 50.1346                              |  |                                       |                     |
| 21/03/2015           | 94.8462           | 1.0483                           | 0.4404               | 1.4887                   | 3.4080           |                                |                                 | 38.3751                                  | 50.1023                              |  |                                       |                     |
| 22/03/2015           | 94.8058           | 1.1001                           | 0.4436               | 1.5437                   | 3.3870           |                                |                                 | 38.3546                                  | 50.0533                              |  |                                       |                     |
| 23/03/2015           | 94.7280           | 1.0558                           | 0.4440               | 1.4998                   | 3.5090           |                                |                                 | 38.4056                                  | 50.1129                              |  |                                       |                     |
| 24/03/2015           | 94.8137           | 1.0327                           | 0.4473               | 1.4800                   | 3.4440           |                                |                                 | 38.3978                                  | 50.1228                              |  |                                       |                     |
| 25/03/2015           | 94.6805           | 1.0248                           | 0.4368               | 1.4616                   | 3.5990           |                                |                                 | 38.4449                                  | 50.1604                              |  |                                       |                     |
| 26/03/2015           | 94.1202           | 0.9424                           | 0.4347               | 1.3771                   | 4.2570           |                                |                                 | 38.6560                                  | 50.3381                              |  |                                       |                     |
| 27/03/2015           | 94.3250           | 0.8713                           | 0.4411               | 1.3124                   | 4.1460           |                                |                                 | 38.6197                                  | 50.3648                              |  |                                       |                     |
| 28/03/2015           | 94.5581           | 0.9366                           | 0.4406               | 1.3772                   | 3.8410           |                                |                                 | 38.5844                                  | 50.3517                              |  |                                       |                     |
| 29/03/2015           | 94.4560           | 0.9144                           | 0.4291               | 1.3435                   | 3.9670           |                                |                                 | 38.5686                                  | 50.3112                              |  |                                       |                     |
| 30/03/2015           | 94.4207           | 0.8573                           | 0.4598               | 1.3170                   | 3.9990           |                                |                                 | 38.6066                                  | 50.3583                              |  |                                       |                     |
| 31/03/2015           | 94.3710           | 0.9812                           | 0.4600               | 1.4412                   | 3.9220           |                                |                                 | 38.5421                                  | 50.2358                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 93.9835 | 0.8496 | 0.1189 | 1.0153 | 3.3290 |  |  | 38.3468 | 50.0533 |  |  |  |
| <b>Promedio</b>   | 94.6247 | 0.9855 | 0.3205 | 1.3060 | 3.8244 |  |  | 38.5596 | 50.3089 |  |  |  |
| <b>Máximo</b>     | 95.2895 | 1.1070 | 0.4672 | 1.5437 | 4.5490 |  |  | 38.8600 | 50.6078 |  |  |  |
| <b>Desv. Est.</b> | 0.2932  | 0.0806 | 0.1562 | 0.1693 | 0.3646 |  |  | 0.1370  | 0.1589  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Venta de Carpio 36                                  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 90.4201           | 0.3758                           | 2.3548               | 2.7306                   | 5.8240           |                                |                                 | 39.1219                                  | 50.1312                              |  |                                       |                     |
| 02/03/2015           | 90.6062           | 0.3980                           | 2.2378               | 2.6357                   | 5.8120           |                                |                                 | 39.0881                                  | 50.1489                              |  |                                       |                     |
| 03/03/2015           | 89.4605           | 0.3078                           | 3.1283               | 3.4360                   | 6.0740           |                                |                                 | 38.9141                                  | 49.7215                              |  |                                       |                     |
| 04/03/2015           | 88.4766           | 0.2475                           | 3.6828               | 3.9303                   | 6.4830           |                                |                                 | 38.9128                                  | 49.5221                              |  |                                       |                     |
| 05/03/2015           | 88.1195           | 0.2690                           | 3.4084               | 3.6773                   | 6.8280           |                                |                                 | 39.3155                                  | 49.8582                              |  |                                       |                     |
| 06/03/2015           | 88.4300           | 0.2616                           | 3.1176               | 3.3792                   | 6.8410           |                                |                                 | 39.4131                                  | 50.0441                              |  |                                       |                     |
| 07/03/2015           | 88.2637           | 0.2656                           | 3.2571               | 3.5228                   | 6.8410           |                                |                                 | 39.3730                                  | 49.9587                              |  |                                       |                     |
| 08/03/2015           | 88.8065           | 0.3031                           | 3.2060               | 3.5091                   | 6.5090           |                                |                                 | 39.1253                                  | 49.8126                              |  |                                       |                     |
| 09/03/2015           | 88.4224           | 0.2896                           | 3.3412               | 3.6308                   | 6.5420           |                                |                                 | 39.2270                                  | 49.8225                              |  |                                       |                     |
| 10/03/2015           | 88.6195           | 0.3047                           | 3.2453               | 3.5500                   | 6.5990           |                                |                                 | 39.1854                                  | 49.8363                              |  |                                       |                     |
| 11/03/2015           | 88.6098           | 0.3190                           | 3.2946               | 3.6137                   | 6.6600           |                                |                                 | 39.0917                                  | 49.7454                              |  |                                       |                     |
| 12/03/2015           | 88.8205           | 0.3355                           | 3.0031               | 3.3387                   | 6.6210           |                                |                                 | 39.2595                                  | 49.9565                              |  |                                       |                     |
| 13/03/2015           | 89.6270           | 0.3612                           | 2.7748               | 3.1360                   | 6.1200           |                                |                                 | 39.1198                                  | 49.9578                              |  |                                       |                     |
| 14/03/2015           | 89.1706           | 0.3562                           | 2.9540               | 3.3102                   | 6.4120           |                                |                                 | 39.1276                                  | 49.8881                              |  |                                       |                     |
| 15/03/2015           | 89.8919           | 0.3207                           | 2.9326               | 3.2533                   | 5.9340           |                                |                                 | 38.8871                                  | 49.7814                              |  |                                       |                     |
| 16/03/2015           | 88.6118           | 0.2317                           | 3.6661               | 3.8978                   | 6.2530           |                                |                                 | 38.9672                                  | 49.5699                              |  |                                       |                     |
| 17/03/2015           | 88.7909           | 0.2117                           | 3.6565               | 3.8682                   | 6.1880           |                                |                                 | 38.9268                                  | 49.5632                              |  |                                       |                     |
| 18/03/2015           | 88.8870           | 0.1972                           | 3.8261               | 4.0233                   | 6.0470           |                                |                                 | 38.7478                                  | 49.3957                              |  |                                       |                     |
| 19/03/2015           | 89.3450           | 0.2645                           | 3.2139               | 3.4784                   | 6.1450           |                                |                                 | 38.9643                                  | 49.7408                              |  |                                       |                     |
| 20/03/2015           | 89.8998           | 0.3615                           | 2.9487               | 3.3102                   | 5.7790           |                                |                                 | 38.9074                                  | 49.7582                              |  |                                       |                     |
| 21/03/2015           | 89.8167           | 0.3730                           | 3.0058               | 3.3789                   | 5.8350           |                                |                                 | 38.8758                                  | 49.7075                              |  |                                       |                     |
| 22/03/2015           | 89.7090           | 0.3394                           | 3.0632               | 3.4026                   | 5.8780           |                                |                                 | 38.9091                                  | 49.7243                              |  |                                       |                     |
| 23/03/2015           | 88.7597           | 0.2562                           | 3.8752               | 4.1314                   | 5.9480           |                                |                                 | 38.7758                                  | 49.3524                              |  |                                       |                     |
| 24/03/2015           | 89.8479           | 0.3335                           | 3.1984               | 3.5319                   | 5.7060           |                                |                                 | 38.7456                                  | 49.5748                              |  |                                       |                     |
| 25/03/2015           | 90.8940           | 0.4445                           | 2.2871               | 2.7316                   | 5.5040           |                                |                                 | 38.9415                                  | 50.0124                              |  |                                       |                     |
| 26/03/2015           | 91.8035           | 0.5328                           | 1.6983               | 2.2310                   | 5.2180           |                                |                                 | 38.9579                                  | 50.2213                              |  |                                       |                     |
| 27/03/2015           | 90.9067           | 0.4221                           | 2.5722               | 2.9943                   | 5.2900           |                                |                                 | 38.7425                                  | 49.7893                              |  |                                       |                     |
| 28/03/2015           | 91.4571           | 0.4684                           | 2.5945               | 3.0629                   | 4.8110           |                                |                                 | 38.4740                                  | 49.5897                              |  |                                       |                     |
| 29/03/2015           | 92.0593           | 0.5077                           | 2.1063               | 2.6140                   | 4.8440           |                                |                                 | 38.5020                                  | 49.7953                              |  |                                       |                     |
| 30/03/2015           | 92.2703           | 0.5381                           | 1.7595               | 2.2977                   | 4.8960           |                                |                                 | 38.6642                                  | 50.0221                              |  |                                       |                     |
| 31/03/2015           | 92.5954           | 0.5774                           | 1.6064               | 2.1838                   | 4.7530           |                                |                                 | 38.6153                                  | 50.0358                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 88.1195 | 0.1972 | 1.6064 | 2.1838 | 4.7530 |  |  | 38.4740 | 49.3524 |  |  |  |
| <b>Promedio</b>   | 89.7225 | 0.3476 | 2.9360 | 3.2836 | 5.9740 |  |  | 38.9638 | 49.8077 |  |  |  |
| <b>Máximo</b>     | 92.5954 | 0.5774 | 3.8752 | 4.1314 | 6.8410 |  |  | 39.4131 | 50.2213 |  |  |  |
| <b>Desv. Est.</b> | 1.2864  | 0.0990 | 0.6112 | 0.5180 | 0.6190 |  |  | 0.2382  | 0.2144  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Venta de Carpio 30                                  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 95.0793           | 0.1198                           | 1.3477               | 1.4675                   | 2.7880           |                                |                                 | 38.5060                                  | 50.4069                              |  |                                       |                     |
| 02/03/2015           | 96.3602           | 0.0908                           | 1.0147               | 1.1055                   | 1.9580           |                                |                                 | 38.3483                                  | 50.4890                              |  |                                       |                     |
| 03/03/2015           | 97.7663           | 0.1019                           | 0.5340               | 0.6359                   | 1.1810           |                                |                                 | 38.2003                                  | 50.6226                              |  |                                       |                     |
| 04/03/2015           | 97.4465           | 0.1001                           | 0.6548               | 0.7549                   | 1.3470           |                                |                                 | 38.2265                                  | 50.5817                              |  |                                       |                     |
| 05/03/2015           | 96.8081           | 0.0979                           | 0.8775               | 0.9755                   | 1.6930           |                                |                                 | 38.2927                                  | 50.5166                              |  |                                       |                     |
| 06/03/2015           | 97.6439           | 0.1035                           | 0.5676               | 0.6711                   | 1.2620           |                                |                                 | 38.2167                                  | 50.6153                              |  |                                       |                     |
| 07/03/2015           | 98.6291           | 0.1089                           | 0.2070               | 0.3159                   | 0.7150           |                                |                                 | 38.1394                                  | 50.7381                              |  |                                       |                     |
| 08/03/2015           | 96.9698           | 0.0971                           | 0.7985               | 0.8956                   | 1.6130           |                                |                                 | 38.3010                                  | 50.5584                              |  |                                       |                     |
| 09/03/2015           | 97.2168           | 0.0980                           | 0.7187               | 0.8168                   | 1.4950           |                                |                                 | 38.2605                                  | 50.5726                              |  |                                       |                     |
| 10/03/2015           | 96.1939           | 0.0907                           | 1.0654               | 1.1561                   | 2.0280           |                                |                                 | 38.3836                                  | 50.4858                              |  |                                       |                     |
| 11/03/2015           | 95.5631           | 0.0871                           | 1.3169               | 1.4040                   | 2.4080           |                                |                                 | 38.4040                                  | 50.3839                              |  |                                       |                     |
| 12/03/2015           | 95.7566           | 0.0910                           | 1.2293               | 1.3203                   | 2.2800           |                                |                                 | 38.4129                                  | 50.4219                              |  |                                       |                     |
| 13/03/2015           | 95.2557           | 0.0880                           | 1.4548               | 1.5428                   | 2.5230           |                                |                                 | 38.4262                                  | 50.3329                              |  |                                       |                     |
| 14/03/2015           | 95.2761           | 0.0864                           | 1.4543               | 1.5407                   | 2.5320           |                                |                                 | 38.4058                                  | 50.3213                              |  |                                       |                     |
| 15/03/2015           | 95.8202           | 0.0879                           | 1.2612               | 1.3490                   | 2.2190           |                                |                                 | 38.3593                                  | 50.3837                              |  |                                       |                     |
| 16/03/2015           | 96.6455           | 0.0925                           | 0.9427               | 1.0352                   | 1.7450           |                                |                                 | 38.3215                                  | 50.5060                              |  |                                       |                     |
| 17/03/2015           | 96.8497           | 0.0937                           | 0.8601               | 0.9538                   | 1.6560           |                                |                                 | 38.3068                                  | 50.5353                              |  |                                       |                     |
| 18/03/2015           | 96.9468           | 0.0937                           | 0.8630               | 0.9567                   | 1.5980           |                                |                                 | 38.2609                                  | 50.5084                              |  |                                       |                     |
| 19/03/2015           | 96.2218           | 0.0896                           | 1.1594               | 1.2490                   | 1.9550           |                                |                                 | 38.3061                                  | 50.3990                              |  |                                       |                     |
| 20/03/2015           | 95.8480           | 0.0888                           | 1.3125               | 1.4013                   | 2.1300           |                                |                                 | 38.3335                                  | 50.3442                              |  |                                       |                     |
| 21/03/2015           | 96.1159           | 0.0905                           | 1.1957               | 1.2862                   | 2.0070           |                                |                                 | 38.3228                                  | 50.3908                              |  |                                       |                     |
| 22/03/2015           | 96.1713           | 0.0926                           | 1.1464               | 1.2390                   | 2.0120           |                                |                                 | 38.3294                                  | 50.4160                              |  |                                       |                     |
| 23/03/2015           | 96.3095           | 0.0938                           | 1.1369               | 1.2307                   | 1.8910           |                                |                                 | 38.2938                                  | 50.3992                              |  |                                       |                     |
| 24/03/2015           | 96.3906           | 0.0937                           | 1.1510               | 1.2447                   | 1.8100           |                                |                                 | 38.2548                                  | 50.3705                              |  |                                       |                     |
| 25/03/2015           | 95.8665           | 0.0897                           | 1.2795               | 1.3692                   | 2.1340           |                                |                                 | 38.3538                                  | 50.3703                              |  |                                       |                     |
| 26/03/2015           | 96.7716           | 0.0955                           | 0.9448               | 1.0404                   | 1.6410           |                                |                                 | 38.2788                                  | 50.4786                              |  |                                       |                     |
| 27/03/2015           | 96.7825           | 0.0969                           | 0.9867               | 1.0835                   | 1.6410           |                                |                                 | 38.2193                                  | 50.4248                              |  |                                       |                     |
| 28/03/2015           | 97.5344           | 0.1036                           | 0.6975               | 0.8011                   | 1.1950           |                                |                                 | 38.1868                                  | 50.5364                              |  |                                       |                     |
| 29/03/2015           | 97.7508           | 0.1018                           | 0.6693               | 0.7712                   | 1.0670           |                                |                                 | 38.1176                                  | 50.5118                              |  |                                       |                     |
| 30/03/2015           | 97.5674           | 0.0983                           | 0.7589               | 0.8572                   | 1.1770           |                                |                                 | 38.1039                                  | 50.4649                              |  |                                       |                     |
| 31/03/2015           | 97.0299           | 0.0912                           | 1.1301               | 1.2213                   | 1.3810           |                                |                                 | 37.9978                                  | 50.2364                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 95.0793 | 0.0864 | 0.2070 | 0.3159 | 0.7150 |  |  | 37.9978 | 50.2364 |  |  |  |
| <b>Promedio</b>   | 96.5996 | 0.0953 | 0.9915 | 1.0868 | 1.7768 |  |  | 38.2861 | 50.4620 |  |  |  |
| <b>Máximo</b>     | 98.6291 | 0.1198 | 1.4548 | 1.5428 | 2.7880 |  |  | 38.5060 | 50.7381 |  |  |  |
| <b>Desv. Est.</b> | 0.8503  | 0.0072 | 0.2982 | 0.2941 | 0.4826 |  |  | 0.1068  | 0.1056  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Venta de Carpio 24                                  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 91.8019           | 0.0229                           | 0.5978               | 0.6208                   | 7.5580           |                                |                                 | 39.7098                                  | 51.4999                              |  |                                       |                     |
| 02/03/2015           | 91.6479           | 0.0041                           | 0.6008               | 0.6049                   | 7.7240           |                                |                                 | 39.7657                                  | 51.5430                              |  |                                       |                     |
| 03/03/2015           | 91.6518           | 0.0161                           | 0.6013               | 0.6174                   | 7.7080           |                                |                                 | 39.7560                                  | 51.5289                              |  |                                       |                     |
| 04/03/2015           | 91.5656           | 0.0160                           | 0.6009               | 0.6169                   | 7.7880           |                                |                                 | 39.7829                                  | 51.5442                              |  |                                       |                     |
| 05/03/2015           | 91.5116           | 0.0224                           | 0.6010               | 0.6234                   | 7.8330           |                                |                                 | 39.7951                                  | 51.5465                              |  |                                       |                     |
| 06/03/2015           | 91.5123           | 0.0310                           | 0.6031               | 0.6340                   | 7.8080           |                                |                                 | 39.7918                                  | 51.5376                              |  |                                       |                     |
| 07/03/2015           | 91.5063           | 0.0240                           | 0.6060               | 0.6300                   | 7.8440           |                                |                                 | 39.7883                                  | 51.5392                              |  |                                       |                     |
| 08/03/2015           | 91.4993           | 0.0165                           | 0.6068               | 0.6234                   | 7.8550           |                                |                                 | 39.7956                                  | 51.5482                              |  |                                       |                     |
| 09/03/2015           | 91.4798           | 0.0146                           | 0.6060               | 0.6205                   | 7.8790           |                                |                                 | 39.8027                                  | 51.5539                              |  |                                       |                     |
| 10/03/2015           | 91.4814           | 0.0189                           | 0.6072               | 0.6260                   | 7.8550           |                                |                                 | 39.8144                                  | 51.5568                              |  |                                       |                     |
| 11/03/2015           | 91.4524           | 0.0283                           | 0.5995               | 0.6278                   | 7.8890           |                                |                                 | 39.8150                                  | 51.5540                              |  |                                       |                     |
| 12/03/2015           | 91.4711           | 0.0228                           | 0.6095               | 0.6323                   | 7.8770           |                                |                                 | 39.7968                                  | 51.5432                              |  |                                       |                     |
| 13/03/2015           | 91.5151           | 0.0103                           | 0.6062               | 0.6165                   | 7.8490           |                                |                                 | 39.7949                                  | 51.5524                              |  |                                       |                     |
| 14/03/2015           | 91.5067           | 0.0131                           | 0.6060               | 0.6191                   | 7.8420           |                                |                                 | 39.8017                                  | 51.5540                              |  |                                       |                     |
| 15/03/2015           | 91.5108           | 0.0084                           | 0.6029               | 0.6113                   | 7.8580           |                                |                                 | 39.7999                                  | 51.5581                              |  |                                       |                     |
| 16/03/2015           | 91.4993           | 0.0135                           | 0.6000               | 0.6135                   | 7.8680           |                                |                                 | 39.8015                                  | 51.5567                              |  |                                       |                     |
| 17/03/2015           | 91.5085           | 0.0085                           | 0.6001               | 0.6085                   | 7.8630           |                                |                                 | 39.8020                                  | 51.5604                              |  |                                       |                     |
| 18/03/2015           | 91.5644           | 0.0114                           | 0.6000               | 0.6115                   | 7.8040           |                                |                                 | 39.7845                                  | 51.5487                              |  |                                       |                     |
| 19/03/2015           | 91.5801           | 0.0113                           | 0.6014               | 0.6127                   | 7.7830           |                                |                                 | 39.7801                                  | 51.5456                              |  |                                       |                     |
| 20/03/2015           | 91.5526           | 0.0147                           | 0.5974               | 0.6121                   | 7.8040           |                                |                                 | 39.7904                                  | 51.5509                              |  |                                       |                     |
| 21/03/2015           | 91.5401           | 0.0112                           | 0.6115               | 0.6228                   | 7.8070           |                                |                                 | 39.7869                                  | 51.5449                              |  |                                       |                     |
| 22/03/2015           | 91.5284           | 0.0150                           | 0.6044               | 0.6195                   | 7.8270           |                                |                                 | 39.7908                                  | 51.5476                              |  |                                       |                     |
| 23/03/2015           | 91.5594           | 0.0172                           | 0.6006               | 0.6178                   | 7.7990           |                                |                                 | 39.7823                                  | 51.5431                              |  |                                       |                     |
| 24/03/2015           | 91.5279           | 0.0185                           | 0.6039               | 0.6225                   | 7.8270           |                                |                                 | 39.7880                                  | 51.5439                              |  |                                       |                     |
| 25/03/2015           | 91.5423           | 0.0221                           | 0.6016               | 0.6237                   | 7.8120           |                                |                                 | 39.7829                                  | 51.5396                              |  |                                       |                     |
| 26/03/2015           | 91.7092           | 0.0240                           | 0.6031               | 0.6271                   | 7.6410           |                                |                                 | 39.7333                                  | 51.5101                              |  |                                       |                     |
| 27/03/2015           | 91.2873           | 0.0278                           | 0.6018               | 0.6296                   | 7.6180           |                                |                                 | 40.0128                                  | 51.6601                              |  |                                       |                     |
| 28/03/2015           | 91.4395           | 0.0120                           | 0.6058               | 0.6179                   | 7.9090           |                                |                                 | 39.8193                                  | 51.5649                              |  |                                       |                     |
| 29/03/2015           | 91.4503           | 0.0111                           | 0.6136               | 0.6247                   | 7.9070           |                                |                                 | 39.8075                                  | 51.5555                              |  |                                       |                     |
| 30/03/2015           | 91.4361           | 0.0149                           | 0.6170               | 0.6318                   | 7.9130           |                                |                                 | 39.8070                                  | 51.5510                              |  |                                       |                     |
| 31/03/2015           | 91.4480           | 0.0166                           | 0.6144               | 0.6310                   | 7.9010           |                                |                                 | 39.8048                                  | 51.5499                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 91.2873 | 0.0041 | 0.5974 | 0.6049 | 7.5580 |  |  | 39.7098 | 51.4999 |  |  |  |
| <b>Promedio</b>   | 91.5254 | 0.0168 | 0.6042 | 0.6210 | 7.8145 |  |  | 39.7963 | 51.5494 |  |  |  |
| <b>Máximo</b>     | 91.8019 | 0.0310 | 0.6170 | 0.6340 | 7.9130 |  |  | 40.0128 | 51.6601 |  |  |  |
| <b>Desv. Est.</b> | 0.0911  | 0.0064 | 0.0049 | 0.0075 | 0.0853 |  |  | 0.0461  | 0.0244  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Venta de Carpio 14                                  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 92.5166           | 0.2796                           | 1.9140               | 2.1936                   | 4.4370           |                                |                                 | 38.8176                                  | 50.2184                              |  |                                       |                     |
| 02/03/2015           | 91.7318           | 0.3707                           | 1.9532               | 2.3239                   | 5.1070           |                                |                                 | 38.9275                                  | 50.2034                              |  |                                       |                     |
| 03/03/2015           | 90.5177           | 0.2933                           | 2.7616               | 3.0549                   | 5.4660           |                                |                                 | 38.8424                                  | 49.8512                              |  |                                       |                     |
| 04/03/2015           | 89.0220           | 0.2542                           | 3.4157               | 3.6699                   | 6.2340           |                                |                                 | 38.9192                                  | 49.6383                              |  |                                       |                     |
| 05/03/2015           | 88.7007           | 0.2738                           | 3.1630               | 3.4368                   | 6.5550           |                                |                                 | 39.2787                                  | 49.9422                              |  |                                       |                     |
| 06/03/2015           | 88.9885           | 0.2693                           | 2.8961               | 3.1654                   | 6.5700           |                                |                                 | 39.3593                                  | 50.1063                              |  |                                       |                     |
| 07/03/2015           | 90.7008           | 0.2492                           | 2.4773               | 2.7264                   | 5.4540           |                                |                                 | 39.0993                                  | 50.1527                              |  |                                       |                     |
| 08/03/2015           | 92.7332           | 0.2178                           | 2.0359               | 2.2537                   | 4.1610           |                                |                                 | 38.7198                                  | 50.1494                              |  |                                       |                     |
| 09/03/2015           | 91.1146           | 0.2475                           | 2.4991               | 2.7466                   | 5.0350           |                                |                                 | 38.9368                                  | 50.0497                              |  |                                       |                     |
| 10/03/2015           | 91.0222           | 0.2579                           | 2.5080               | 2.7658                   | 5.1740           |                                |                                 | 38.9503                                  | 50.0470                              |  |                                       |                     |
| 11/03/2015           | 90.6982           | 0.2608                           | 2.6768               | 2.9376                   | 5.3930           |                                |                                 | 38.8985                                  | 49.9412                              |  |                                       |                     |
| 12/03/2015           | 91.5121           | 0.2577                           | 2.2938               | 2.5514                   | 4.9550           |                                |                                 | 38.9253                                  | 50.1268                              |  |                                       |                     |
| 13/03/2015           | 91.9596           | 0.2595                           | 2.2316               | 2.4912                   | 4.6250           |                                |                                 | 38.8140                                  | 50.0886                              |  |                                       |                     |
| 14/03/2015           | 91.0727           | 0.2869                           | 2.4667               | 2.7536                   | 5.2140           |                                |                                 | 38.9037                                  | 50.0182                              |  |                                       |                     |
| 15/03/2015           | 93.4925           | 0.1896                           | 1.9361               | 2.1258                   | 3.6580           |                                |                                 | 38.5428                                  | 50.1120                              |  |                                       |                     |
| 16/03/2015           | 92.1385           | 0.1827                           | 2.4499               | 2.6325                   | 4.2960           |                                |                                 | 38.6809                                  | 49.9670                              |  |                                       |                     |
| 17/03/2015           | 91.6040           | 0.1823                           | 2.6524               | 2.8346                   | 4.6310           |                                |                                 | 38.7139                                  | 49.8978                              |  |                                       |                     |
| 18/03/2015           | 91.9735           | 0.1673                           | 2.6452               | 2.8125                   | 4.3780           |                                |                                 | 38.5826                                  | 49.8346                              |  |                                       |                     |
| 19/03/2015           | 91.3214           | 0.2238                           | 2.5963               | 2.8201                   | 4.9640           |                                |                                 | 38.7808                                  | 49.9327                              |  |                                       |                     |
| 20/03/2015           | 91.9610           | 0.2801                           | 2.3654               | 2.6455                   | 4.5290           |                                |                                 | 38.7025                                  | 49.9509                              |  |                                       |                     |
| 21/03/2015           | 91.9108           | 0.2956                           | 2.3789               | 2.6745                   | 4.5790           |                                |                                 | 38.6895                                  | 49.9273                              |  |                                       |                     |
| 22/03/2015           | 91.5848           | 0.2819                           | 2.4852               | 2.7670                   | 4.7740           |                                |                                 | 38.7367                                  | 49.9172                              |  |                                       |                     |
| 23/03/2015           | 91.2382           | 0.2182                           | 2.9316               | 3.1498                   | 4.6600           |                                |                                 | 38.6259                                  | 49.7002                              |  |                                       |                     |
| 24/03/2015           | 91.4897           | 0.2907                           | 2.6473               | 2.9380                   | 4.7570           |                                |                                 | 38.6266                                  | 49.7767                              |  |                                       |                     |
| 25/03/2015           | 91.4954           | 0.4209                           | 2.1285               | 2.5494                   | 5.1200           |                                |                                 | 38.8765                                  | 50.0629                              |  |                                       |                     |
| 26/03/2015           | 92.4504           | 0.4955                           | 1.5764               | 2.0719                   | 4.7680           |                                |                                 | 38.8631                                  | 50.2491                              |  |                                       |                     |
| 27/03/2015           | 91.5553           | 0.4124                           | 2.3283               | 2.7407                   | 4.9470           |                                |                                 | 38.7008                                  | 49.8786                              |  |                                       |                     |
| 28/03/2015           | 93.0364           | 0.3877                           | 2.0668               | 2.4544                   | 3.8940           |                                |                                 | 38.4094                                  | 49.8425                              |  |                                       |                     |
| 29/03/2015           | 95.0701           | 0.3088                           | 1.3466               | 1.6554                   | 2.8310           |                                |                                 | 38.2865                                  | 50.1500                              |  |                                       |                     |
| 30/03/2015           | 93.9552           | 0.4131                           | 1.4305               | 1.8435                   | 3.7100           |                                |                                 | 38.4835                                  | 50.1536                              |  |                                       |                     |
| 31/03/2015           | 93.9859           | 0.4408                           | 1.4616               | 1.9024                   | 3.6770           |                                |                                 | 38.4072                                  | 50.0769                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 88.7007 | 0.1673 | 1.3466 | 1.6554 | 2.8310 |  |  | 38.2865 | 49.6383 |  |  |  |
| <b>Promedio</b>   | 91.6953 | 0.2893 | 2.3458 | 2.6351 | 4.7920 |  |  | 38.7775 | 49.9988 |  |  |  |
| <b>Máximo</b>     | 95.0701 | 0.4955 | 3.4157 | 3.6699 | 6.5700 |  |  | 39.3593 | 50.2491 |  |  |  |
| <b>Desv. Est.</b> | 1.3910  | 0.0819 | 0.4881 | 0.4476 | 0.8115 |  |  | 0.2341  | 0.1530  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |              |
|---------------------------|---------------------------------|--------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |              |
| <b>PUNTO DE MEDICIÓN:</b> | Cempoala Sur                    |              |
| <b>ZONA DE MEDICIÓN:</b>  | SUR                             | PROMEDIO/DIA |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 88.5272           | 0.1583                           | 3.7204               | 3.8788                   | 6.3560           |                                |                                 | 38.9525                                  | 49.6120                              |  |                                       |                     |
| 02/03/2015           | 87.5730           | 0.1391                           | 4.1432               | 4.2823                   | 6.8870           |                                |                                 | 38.9635                                  | 49.4544                              |  |                                       |                     |
| 03/03/2015           | 87.3426           | 0.1679                           | 4.1017               | 4.2696                   | 7.1070           |                                |                                 | 39.0634                                  | 49.5678                              |  |                                       |                     |
| 04/03/2015           | 86.2904           | 0.1222                           | 4.1453               | 4.2675                   | 7.7570           |                                |                                 | 39.5375                                  | 49.8000                              |  |                                       |                     |
| 05/03/2015           | 86.5974           | 0.1347                           | 3.9053               | 4.0400                   | 7.7030           |                                |                                 | 39.5935                                  | 49.9152                              |  |                                       |                     |
| 06/03/2015           | 86.8183           | 0.1505                           | 3.9353               | 4.0858                   | 7.5490           |                                |                                 | 39.4517                                  | 49.8616                              |  |                                       |                     |
| 07/03/2015           | 87.0285           | 0.1488                           | 4.1943               | 4.3431                   | 7.2590           |                                |                                 | 39.1370                                  | 49.5882                              |  |                                       |                     |
| 08/03/2015           | 86.7523           | 0.1430                           | 4.2046               | 4.3477                   | 7.3230           |                                |                                 | 39.2887                                  | 49.5955                              |  |                                       |                     |
| 09/03/2015           | 86.8845           | 0.1623                           | 4.0586               | 4.2210                   | 7.4330           |                                |                                 | 39.2975                                  | 49.6872                              |  |                                       |                     |
| 10/03/2015           | 87.1124           | 0.1733                           | 4.0323               | 4.2056                   | 7.3930           |                                |                                 | 39.1835                                  | 49.6285                              |  |                                       |                     |
| 11/03/2015           | 86.3800           | 0.1376                           | 4.3034               | 4.4410                   | 7.6190           |                                |                                 | 39.3492                                  | 49.6401                              |  |                                       |                     |
| 12/03/2015           | 87.4007           | 0.1863                           | 4.0650               | 4.2513                   | 7.0080           |                                |                                 | 39.1023                                  | 49.5938                              |  |                                       |                     |
| 13/03/2015           | 87.0778           | 0.1445                           | 4.2892               | 4.4337                   | 7.1910           |                                |                                 | 39.0439                                  | 49.4774                              |  |                                       |                     |
| 14/03/2015           | 87.8028           | 0.1863                           | 3.9150               | 4.1013                   | 6.8310           |                                |                                 | 39.0449                                  | 49.6097                              |  |                                       |                     |
| 15/03/2015           | 87.8663           | 0.1376                           | 3.9420               | 4.0795                   | 6.6660           |                                |                                 | 39.1079                                  | 49.6466                              |  |                                       |                     |
| 16/03/2015           | 87.8975           | 0.1129                           | 4.0943               | 4.2071                   | 6.6320           |                                |                                 | 38.9888                                  | 49.5721                              |  |                                       |                     |
| 17/03/2015           | 87.8518           | 0.1040                           | 4.2232               | 4.3271                   | 6.5400           |                                |                                 | 38.9131                                  | 49.3947                              |  |                                       |                     |
| 18/03/2015           | 88.4191           | 0.1793                           | 3.8075               | 3.9868                   | 6.4090           |                                |                                 | 38.9441                                  | 49.6018                              |  |                                       |                     |
| 19/03/2015           | 87.5783           | 0.1448                           | 4.3551               | 4.4998                   | 6.5920           |                                |                                 | 38.9102                                  | 49.3654                              |  |                                       |                     |
| 20/03/2015           | 88.5388           | 0.2039                           | 3.7554               | 3.9593                   | 6.3010           |                                |                                 | 38.9405                                  | 49.6000                              |  |                                       |                     |
| 21/03/2015           | 87.9515           | 0.1483                           | 4.1313               | 4.2796                   | 6.5120           |                                |                                 | 38.9177                                  | 49.4446                              |  |                                       |                     |
| 22/03/2015           | 87.9569           | 0.1540                           | 4.3516               | 4.5056                   | 6.2880           |                                |                                 | 38.7782                                  | 49.3038                              |  |                                       |                     |
| 23/03/2015           | 88.1909           | 0.1591                           | 4.2138               | 4.3728                   | 6.2200           |                                |                                 | 38.7781                                  | 49.3386                              |  |                                       |                     |
| 24/03/2015           | 89.3225           | 0.2560                           | 3.3035               | 3.5596                   | 5.9650           |                                |                                 | 38.9483                                  | 49.7564                              |  |                                       |                     |
| 25/03/2015           | 88.8929           | 0.1469                           | 3.9824               | 4.1293                   | 5.7480           |                                |                                 | 38.7474                                  | 49.4086                              |  |                                       |                     |
| 26/03/2015           | 89.1330           | 0.1494                           | 4.3593               | 4.5087                   | 5.3450           |                                |                                 | 38.3643                                  | 49.0867                              |  |                                       |                     |
| 27/03/2015           | 90.2042           | 0.2015                           | 4.2486               | 4.4500                   | 4.6650           |                                |                                 | 37.9654                                  | 48.8288                              |  |                                       |                     |
| 28/03/2015           | 90.4096           | 0.1513                           | 4.0506               | 4.2019                   | 4.6840           |                                |                                 | 38.0392                                  | 48.9575                              |  |                                       |                     |
| 29/03/2015           | 90.8499           | 0.1858                           | 3.7004               | 3.8861                   | 4.6610           |                                |                                 | 38.0509                                  | 49.0862                              |  |                                       |                     |
| 30/03/2015           | 91.7489           | 0.1632                           | 3.9113               | 4.0745                   | 3.7820           |                                |                                 | 37.6767                                  | 48.8280                              |  |                                       |                     |
| 31/03/2015           | 92.4219           | 0.1943                           | 3.5153               | 3.7096                   | 3.5370           |                                |                                 | 37.6375                                  | 48.9095                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 86.2904 | 0.1040 | 3.3035 | 3.5596 | 3.5370 |  |  | 37.6375 | 48.8280 |  |  |  |
| <b>Promedio</b>   | 88.2201 | 0.1596 | 4.0309 | 4.1905 | 6.3859 |  |  | 38.8618 | 49.4568 |  |  |  |
| <b>Máximo</b>     | 92.4219 | 0.2560 | 4.3593 | 4.5087 | 7.7570 |  |  | 39.5935 | 49.9152 |  |  |  |
| <b>Desv. Est.</b> | 1.5389  | 0.0300 | 0.2495 | 0.2313 | 1.1241 |  |  | 0.5077  | 0.2926  |  |  |  |

Observaciones:



**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |                                 |
|---------------------------|---------------------------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica |
| <b>PUNTO DE MEDICIÓN:</b> | Cempoala Centro                 |
| <b>ZONA DE MEDICIÓN:</b>  | <b>SUR</b>                      |

**PROMEDIO/DIA**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 89.9716           | 0.3328                           | 2.6446               | 2.9774                   | 6.0360           |                                |                                 | 39.0403                                  | 49.9685                              |  |                                       |                     |
| 02/03/2015           | 88.7119           | 0.2553                           | 3.3635               | 3.6189                   | 6.5580           |                                |                                 | 39.0123                                  | 49.7010                              |  |                                       |                     |
| 03/03/2015           | 88.0498           | 0.2219                           | 3.6419               | 3.8638                   | 6.9210           |                                |                                 | 39.0900                                  | 49.6324                              |  |                                       |                     |
| 04/03/2015           | 87.7333           | 0.2296                           | 3.3631               | 3.5927                   | 7.2540           |                                |                                 | 39.4794                                  | 49.9624                              |  |                                       |                     |
| 05/03/2015           | 88.0551           | 0.2478                           | 3.0905               | 3.3383                   | 7.2050           |                                |                                 | 39.5362                                  | 50.1237                              |  |                                       |                     |
| 06/03/2015           | 88.1633           | 0.2623                           | 3.1478               | 3.4100                   | 7.0730           |                                |                                 | 39.4313                                  | 50.0319                              |  |                                       |                     |
| 07/03/2015           | 88.1815           | 0.2569                           | 3.4399               | 3.6968                   | 6.8910           |                                |                                 | 39.1605                                  | 49.7355                              |  |                                       |                     |
| 08/03/2015           | 88.0106           | 0.2533                           | 3.4068               | 3.6601                   | 6.9160           |                                |                                 | 39.3085                                  | 49.8521                              |  |                                       |                     |
| 09/03/2015           | 87.9490           | 0.2606                           | 3.4160               | 3.6766                   | 7.0780           |                                |                                 | 39.2828                                  | 49.8347                              |  |                                       |                     |
| 10/03/2015           | 88.4435           | 0.3006                           | 3.1883               | 3.4888                   | 6.9420           |                                |                                 | 39.1975                                  | 49.8342                              |  |                                       |                     |
| 11/03/2015           | 88.1982           | 0.2924                           | 3.1843               | 3.4767                   | 7.0210           |                                |                                 | 39.3515                                  | 49.9475                              |  |                                       |                     |
| 12/03/2015           | 88.9980           | 0.3449                           | 2.9448               | 3.2897                   | 6.5860           |                                |                                 | 39.1678                                  | 49.9098                              |  |                                       |                     |
| 13/03/2015           | 88.7836           | 0.3073                           | 3.1563               | 3.4635                   | 6.7260           |                                |                                 | 39.0776                                  | 49.7722                              |  |                                       |                     |
| 14/03/2015           | 88.1695           | 0.2230                           | 3.6820               | 3.9050                   | 6.7210           |                                |                                 | 39.0362                                  | 49.5926                              |  |                                       |                     |
| 15/03/2015           | 88.4880           | 0.2042                           | 3.5248               | 3.7290                   | 6.5180           |                                |                                 | 39.1091                                  | 49.7265                              |  |                                       |                     |
| 16/03/2015           | 88.5920           | 0.1800                           | 3.6055               | 3.7854                   | 6.4940           |                                |                                 | 38.9902                                  | 49.6247                              |  |                                       |                     |
| 17/03/2015           | 88.7417           | 0.1775                           | 3.6624               | 3.8399                   | 6.3320           |                                |                                 | 38.8937                                  | 49.5604                              |  |                                       |                     |
| 18/03/2015           | 89.4327           | 0.2864                           | 3.0556               | 3.3420                   | 6.2150           |                                |                                 | 38.9778                                  | 49.7605                              |  |                                       |                     |
| 19/03/2015           | 89.4215           | 0.3463                           | 3.0546               | 3.4009                   | 6.1420           |                                |                                 | 38.9603                                  | 49.7047                              |  |                                       |                     |
| 20/03/2015           | 89.4220           | 0.3105                           | 3.1319               | 3.4423                   | 6.0890           |                                |                                 | 38.9457                                  | 49.7005                              |  |                                       |                     |
| 21/03/2015           | 88.9351           | 0.2573                           | 3.4601               | 3.7174                   | 6.2600           |                                |                                 | 38.9217                                  | 49.6111                              |  |                                       |                     |
| 22/03/2015           | 88.9774           | 0.2645                           | 3.6003               | 3.8648                   | 6.0830           |                                |                                 | 38.8114                                  | 49.4796                              |  |                                       |                     |
| 23/03/2015           | 89.2884           | 0.2788                           | 3.3727               | 3.6514                   | 6.0300           |                                |                                 | 38.8348                                  | 49.5693                              |  |                                       |                     |
| 24/03/2015           | 90.7551           | 0.4466                           | 2.1907               | 2.6373                   | 5.7130           |                                |                                 | 39.0194                                  | 50.0683                              |  |                                       |                     |
| 25/03/2015           | 88.8763           | 0.1959                           | 3.5553               | 3.7511                   | 6.3020           |                                |                                 | 38.9145                                  | 49.6122                              |  |                                       |                     |
| 26/03/2015           | 88.7417           | 0.1775                           | 3.6624               | 3.8399                   | 6.3320           |                                |                                 | 38.9013                                  | 49.5701                              |  |                                       |                     |
| 27/03/2015           | 89.2884           | 0.2788                           | 3.3727               | 3.6514                   | 6.0300           |                                |                                 | 38.8413                                  | 49.5776                              |  |                                       |                     |
| 28/03/2015           | 88.5920           | 0.1800                           | 3.6055               | 3.7854                   | 6.4940           |                                |                                 | 38.9902                                  | 49.6247                              |  |                                       |                     |
| 29/03/2015           | 88.7836           | 0.3073                           | 3.1563               | 3.4635                   | 6.7260           |                                |                                 | 39.0776                                  | 49.7722                              |  |                                       |                     |
| 30/03/2015           | 92.8976           | 0.5580                           | 1.7698               | 2.3278                   | 4.4550           |                                |                                 | 38.3290                                  | 49.7787                              |  |                                       |                     |
| 31/03/2015           | 92.9096           | 0.4725                           | 2.0218               | 2.4942                   | 4.2440           |                                |                                 | 38.2666                                  | 49.7189                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 87.7333 | 0.1775 | 1.7698 | 2.3278 | 4.2440 |  |  | 38.2666 | 49.4796 |  |  |  |
| <b>Promedio</b>   | 89.0181 | 0.2810 | 3.2088 | 3.4897 | 6.3996 |  |  | 39.0309 | 49.7535 |  |  |  |
| <b>Máximo</b>     | 92.9096 | 0.5580 | 3.6820 | 3.9050 | 7.2540 |  |  | 39.5362 | 50.1237 |  |  |  |
| <b>Desv. Est.</b> | 1.2196  | 0.0864 | 0.4758 | 0.3946 | 0.6783 |  |  | 0.2718  | 0.1658  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Cempoala Norte                                      |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 92.7797           | 0.6520                           | 0.6000               | 1.2521                   | 5.3870           |                                |                                 | 39.2085                                  | 50.7590                              |  |                                       |                     |
| 02/03/2015           | 92.4251           | 0.6272                           | 0.8291               | 1.4563                   | 5.4990           |                                |                                 | 39.1880                                  | 50.6403                              |  |                                       |                     |
| 03/03/2015           | 92.5236           | 0.6185                           | 0.7735               | 1.3920                   | 5.5470           |                                |                                 | 39.1788                                  | 50.6609                              |  |                                       |                     |
| 04/03/2015           | 92.4692           | 0.5951                           | 0.7353               | 1.3304                   | 5.5980           |                                |                                 | 39.2758                                  | 50.7573                              |  |                                       |                     |
| 05/03/2015           | 92.4724           | 0.5857                           | 0.6261               | 1.2118                   | 5.6740           |                                |                                 | 39.3609                                  | 50.8711                              |  |                                       |                     |
| 06/03/2015           | 92.1505           | 0.5824                           | 0.8147               | 1.3971                   | 5.6480           |                                |                                 | 39.3889                                  | 50.8114                              |  |                                       |                     |
| 07/03/2015           | 92.4352           | 0.6474                           | 0.6640               | 1.3114                   | 5.5550           |                                |                                 | 39.3126                                  | 50.7912                              |  |                                       |                     |
| 08/03/2015           | 92.2650           | 0.6375                           | 0.7142               | 1.3517                   | 5.6680           |                                |                                 | 39.3447                                  | 50.7822                              |  |                                       |                     |
| 09/03/2015           | 92.2414           | 0.6673                           | 0.7482               | 1.4154                   | 5.6860           |                                |                                 | 39.2913                                  | 50.7037                              |  |                                       |                     |
| 10/03/2015           | 92.2410           | 0.6601                           | 0.7767               | 1.4368                   | 5.6810           |                                |                                 | 39.2700                                  | 50.7124                              |  |                                       |                     |
| 11/03/2015           | 92.2038           | 0.6298                           | 0.7087               | 1.3385                   | 5.7110           |                                |                                 | 39.3814                                  | 50.8063                              |  |                                       |                     |
| 12/03/2015           | 92.3578           | 0.6603                           | 0.6523               | 1.3127                   | 5.6360           |                                |                                 | 39.3268                                  | 50.7787                              |  |                                       |                     |
| 13/03/2015           | 92.4670           | 0.6496                           | 0.7136               | 1.3633                   | 5.7020           |                                |                                 | 39.1910                                  | 50.6993                              |  |                                       |                     |
| 14/03/2015           | 92.6860           | 0.6770                           | 0.7155               | 1.3925                   | 5.5130           |                                |                                 | 39.0877                                  | 50.5899                              |  |                                       |                     |
| 15/03/2015           | 92.4434           | 0.6027                           | 0.9412               | 1.5439                   | 5.5270           |                                |                                 | 39.0955                                  | 50.5773                              |  |                                       |                     |
| 16/03/2015           | 92.3736           | 0.5377                           | 0.9273               | 1.4650                   | 5.7360           |                                |                                 | 39.1397                                  | 50.6118                              |  |                                       |                     |
| 17/03/2015           | 92.6460           | 0.5277                           | 0.8117               | 1.3393                   | 5.6110           |                                |                                 | 39.1299                                  | 50.6770                              |  |                                       |                     |
| 18/03/2015           | 92.4767           | 0.5918                           | 0.7918               | 1.3836                   | 5.6400           |                                |                                 | 39.1849                                  | 50.6904                              |  |                                       |                     |
| 19/03/2015           | 93.0318           | 0.7349                           | 0.5466               | 1.2815                   | 5.2240           |                                |                                 | 39.0830                                  | 50.6577                              |  |                                       |                     |
| 20/03/2015           | 92.7602           | 0.7021                           | 0.7683               | 1.4704                   | 5.2910           |                                |                                 | 39.0442                                  | 50.5366                              |  |                                       |                     |
| 21/03/2015           | 92.4400           | 0.6477                           | 0.9748               | 1.6225                   | 5.4170           |                                |                                 | 39.0567                                  | 50.5171                              |  |                                       |                     |
| 22/03/2015           | 92.8827           | 0.6993                           | 0.7022               | 1.4015                   | 5.2800           |                                |                                 | 39.0401                                  | 50.5759                              |  |                                       |                     |
| 23/03/2015           | 92.7065           | 0.6545                           | 0.7305               | 1.3850                   | 5.4530           |                                |                                 | 39.1072                                  | 50.6571                              |  |                                       |                     |
| 24/03/2015           | 93.1015           | 0.7367                           | 0.4548               | 1.1915                   | 5.2370           |                                |                                 | 39.1241                                  | 50.7270                              |  |                                       |                     |
| 25/03/2015           | 93.0641           | 0.7082                           | 0.5428               | 1.2509                   | 5.1840           |                                |                                 | 39.1057                                  | 50.6942                              |  |                                       |                     |
| 26/03/2015           | 92.9640           | 0.6961                           | 0.6387               | 1.3348                   | 5.2580           |                                |                                 | 39.0380                                  | 50.5990                              |  |                                       |                     |
| 27/03/2015           | 93.0779           | 0.7473                           | 0.5561               | 1.3034                   | 5.1940           |                                |                                 | 39.0270                                  | 50.6171                              |  |                                       |                     |
| 28/03/2015           | 93.1552           | 0.7388                           | 0.4645               | 1.2033                   | 5.2270           |                                |                                 | 39.0598                                  | 50.6779                              |  |                                       |                     |
| 29/03/2015           | 93.2590           | 0.7685                           | 0.4891               | 1.2576                   | 5.1070           |                                |                                 | 38.9912                                  | 50.6222                              |  |                                       |                     |
| 30/03/2015           | 93.3411           | 0.7927                           | 0.4181               | 1.2108                   | 5.0680           |                                |                                 | 38.9840                                  | 50.6195                              |  |                                       |                     |
| 31/03/2015           | 93.3351           | 0.7653                           | 0.5033               | 1.2687                   | 5.0090           |                                |                                 | 38.9604                                  | 50.5952                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 92.1505 | 0.5277 | 0.4181 | 1.1915 | 5.0090 |  |  | 38.9604 | 50.5171 |  |  |  |
| <b>Promedio</b>   | 92.6702 | 0.6626 | 0.6882 | 1.3508 | 5.4506 |  |  | 39.1606 | 50.6780 |  |  |  |
| <b>Máximo</b>     | 93.3411 | 0.7927 | 0.9748 | 1.6225 | 5.7360 |  |  | 39.3889 | 50.8711 |  |  |  |
| <b>Desv. Est.</b> | 0.3592  | 0.0668 | 0.1441 | 0.1007 | 0.2196 |  |  | 0.1263  | 0.0871  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Veracruz  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 87.0952           | 0.0313                           | 4.2042               | 4.2354                   | 6.6350           |                                |                                 | 38.9525                                  | 49.0337                              |  |                                       |                     |
| 02/03/2015           | 86.4732           | 0.0274                           | 4.1167               | 4.1441                   | 7.0340           |                                |                                 | 38.9635                                  | 49.4283                              |  |                                       |                     |
| 03/03/2015           | 85.1584           | 0.0225                           | 4.1667               | 4.1891                   | 7.7580           |                                |                                 | 39.0634                                  | 49.5681                              |  |                                       |                     |
| 04/03/2015           | 85.1459           | 0.0215                           | 4.1433               | 4.1648                   | 7.8940           |                                |                                 | 39.5375                                  | 49.8474                              |  |                                       |                     |
| 05/03/2015           | 85.3754           | 0.0218                           | 3.9167               | 3.9384                   | 7.7800           |                                |                                 | 39.5935                                  | 49.9177                              |  |                                       |                     |
| 06/03/2015           | 85.6620           | 0.0210                           | 3.9353               | 3.9563                   | 7.4840           |                                |                                 | 39.4517                                  | 49.8573                              |  |                                       |                     |
| 07/03/2015           | 85.6620           | 0.0210                           | 4.1967               | 4.2177                   | 7.4840           |                                |                                 | 39.1370                                  | 49.5882                              |  |                                       |                     |
| 08/03/2015           | 85.6620           | 0.0210                           | 4.2046               | 4.2256                   | 7.4840           |                                |                                 | 39.2887                                  | 49.5955                              |  |                                       |                     |
| 09/03/2015           | 85.6620           | 0.0210                           | 4.0586               | 4.0796                   | 7.4840           |                                |                                 | 39.2975                                  | 49.6872                              |  |                                       |                     |
| 10/03/2015           | 86.3400           | 0.0400                           | 4.0327               | 4.0726                   | 7.0560           |                                |                                 | 39.1835                                  | 49.6285                              |  |                                       |                     |
| 11/03/2015           | 86.5190           | 0.0450                           | 4.3034               | 4.3484                   | 6.9430           |                                |                                 | 39.3492                                  | 49.6401                              |  |                                       |                     |
| 12/03/2015           | 86.5190           | 0.0450                           | 4.0650               | 4.1100                   | 6.9430           |                                |                                 | 39.1023                                  | 49.5938                              |  |                                       |                     |
| 13/03/2015           | 86.5190           | 0.0450                           | 4.2892               | 4.3342                   | 6.9430           |                                |                                 | 39.0439                                  | 49.4774                              |  |                                       |                     |
| 14/03/2015           | 86.5190           | 0.0450                           | 3.9150               | 3.9600                   | 6.9430           |                                |                                 | 39.0449                                  | 49.6737                              |  |                                       |                     |
| 15/03/2015           | 86.5190           | 0.0450                           | 3.9420               | 3.9870                   | 6.9430           |                                |                                 | 39.1079                                  | 49.6550                              |  |                                       |                     |
| 16/03/2015           | 86.5190           | 0.0450                           | 4.4250               | 4.4700                   | 6.9430           |                                |                                 | 38.9888                                  | 49.5796                              |  |                                       |                     |
| 17/03/2015           | 86.5190           | 0.0450                           | 4.2232               | 4.2682                   | 6.9430           |                                |                                 | 38.9131                                  | 49.3975                              |  |                                       |                     |
| 18/03/2015           | 86.5190           | 0.0450                           | 3.8754               | 3.9204                   | 6.9430           |                                |                                 | 38.9441                                  | 49.6759                              |  |                                       |                     |
| 19/03/2015           | 86.5190           | 0.0450                           | 4.3551               | 4.4001                   | 6.9430           |                                |                                 | 38.9102                                  | 49.3654                              |  |                                       |                     |
| 20/03/2015           | 86.5190           | 0.0450                           | 3.7554               | 3.8004                   | 6.9430           |                                |                                 | 38.9405                                  | 49.6000                              |  |                                       |                     |
| 21/03/2015           | 86.5190           | 0.0450                           | 4.1313               | 4.1763                   | 6.9430           |                                |                                 | 38.9177                                  | 49.4446                              |  |                                       |                     |
| 22/03/2015           | 86.5190           | 0.0450                           | 4.3516               | 4.3966                   | 6.9430           |                                |                                 | 38.7782                                  | 49.3038                              |  |                                       |                     |
| 23/03/2015           | 86.5190           | 0.0450                           | 4.2138               | 4.2588                   | 6.9430           |                                |                                 | 38.7781                                  | 49.3386                              |  |                                       |                     |
| 24/03/2015           | 86.5190           | 0.0450                           | 3.7035               | 3.7485                   | 6.9430           |                                |                                 | 38.9483                                  | 49.7564                              |  |                                       |                     |
| 25/03/2015           | 86.5190           | 0.0450                           | 3.9824               | 4.0274                   | 6.9430           |                                |                                 | 38.7474                                  | 49.4859                              |  |                                       |                     |
| 26/03/2015           | 86.5190           | 0.0450                           | 4.3593               | 4.4043                   | 6.9430           |                                |                                 | 38.3643                                  | 49.0668                              |  |                                       |                     |
| 27/03/2015           | 86.5190           | 0.0450                           | 4.2486               | 4.2936                   | 6.9430           |                                |                                 | 37.9654                                  | 48.8299                              |  |                                       |                     |
| 28/03/2015           | 86.5190           | 0.0450                           | 4.0506               | 4.0956                   | 6.9430           |                                |                                 | 38.0392                                  | 48.9530                              |  |                                       |                     |
| 29/03/2015           | 86.5190           | 0.0450                           | 3.7004               | 3.7454                   | 6.9430           |                                |                                 | 38.0509                                  | 49.1924                              |  |                                       |                     |
| 30/03/2015           | 86.5190           | 0.0450                           | 3.9333               | 3.9783                   | 6.9430           |                                |                                 | 37.6767                                  | 48.8280                              |  |                                       |                     |
| 31/03/2015           | 86.5190           | 0.0450                           | 3.5127               | 3.5577                   | 6.9430           |                                |                                 | 37.6375                                  | 48.9095                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 85.1459 | 0.0210 | 3.5127 | 3.5577 | 6.6350 |  |  | 37.6375 | 48.8280 |  |  |  |
| <b>Promedio</b>   | 86.2947 | 0.0385 | 4.0746 | 4.1131 | 7.0934 |  |  | 38.8618 | 49.4490 |  |  |  |
| <b>Máximo</b>     | 87.0952 | 0.0450 | 4.4250 | 4.4700 | 7.8940 |  |  | 39.5935 | 49.9177 |  |  |  |
| <b>Desv. Est.</b> | 0.4757  | 0.0102 | 0.2198 | 0.2194 | 0.3085 |  |  | 0.5077  | 0.3034  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Basica                     |
| <b>PUNTO DE MEDICIÓN:</b> | Matapionche   |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 92.3029           | 0.1808                           | 0.7409               | 0.9217                   | 6.3780           |                                |                                 | 39.4857                                  | 51.1976                              |  |                                       |                     |
| 02/03/2015           | 92.1816           | 0.1812                           | 0.7427               | 0.9239                   | 6.4920           |                                |                                 | 39.5218                                  | 51.2178                              |  |                                       |                     |
| 03/03/2015           | 92.4211           | 0.1923                           | 0.7360               | 0.9283                   | 6.2650           |                                |                                 | 39.4446                                  | 51.1691                              |  |                                       |                     |
| 04/03/2015           | 92.4724           | 0.2341                           | 0.7329               | 0.9670                   | 6.1810           |                                |                                 | 39.4009                                  | 51.1166                              |  |                                       |                     |
| 05/03/2015           | 87.1478           | 0.0627                           | 3.9141               | 3.9768                   | 7.3840           |                                |                                 | 39.4410                                  | 49.8739                              |  |                                       |                     |
| 06/03/2015           | 92.4232           | 0.2018                           | 0.7295               | 0.9313                   | 6.2540           |                                |                                 | 39.4473                                  | 51.1693                              |  |                                       |                     |
| 07/03/2015           | 92.3827           | 0.1823                           | 0.7303               | 0.9126                   | 6.3050           |                                |                                 | 39.4708                                  | 51.1940                              |  |                                       |                     |
| 08/03/2015           | 92.3802           | 0.1669                           | 0.7290               | 0.8959                   | 6.3310           |                                |                                 | 39.4802                                  | 51.2098                              |  |                                       |                     |
| 09/03/2015           | 92.4494           | 0.1570                           | 0.7342               | 0.8911                   | 6.2650           |                                |                                 | 39.4631                                  | 51.2045                              |  |                                       |                     |
| 10/03/2015           | 92.6688           | 0.1831                           | 0.7415               | 0.9245                   | 6.0180           |                                |                                 | 39.3757                                  | 51.1336                              |  |                                       |                     |
| 11/03/2015           | 87.1478           | 0.0627                           | 3.9141               | 3.9768                   | 7.3840           |                                |                                 | 39.4355                                  | 49.8671                              |  |                                       |                     |
| 12/03/2015           | 92.3191           | 0.1597                           | 0.7335               | 0.8932                   | 6.3860           |                                |                                 | 39.5013                                  | 51.2243                              |  |                                       |                     |
| 13/03/2015           | 92.4415           | 0.1872                           | 0.7323               | 0.9195                   | 6.2390           |                                |                                 | 39.4488                                  | 51.1765                              |  |                                       |                     |
| 14/03/2015           | 92.4736           | 0.1596                           | 0.7305               | 0.8901                   | 6.2430           |                                |                                 | 39.4571                                  | 51.2011                              |  |                                       |                     |
| 15/03/2015           | 92.3703           | 0.1490                           | 0.7292               | 0.8782                   | 6.3580           |                                |                                 | 39.4942                                  | 51.2298                              |  |                                       |                     |
| 16/03/2015           | 92.4755           | 0.1333                           | 0.7263               | 0.8595                   | 6.2790           |                                |                                 | 39.4740                                  | 51.2308                              |  |                                       |                     |
| 17/03/2015           | 92.5498           | 0.1602                           | 0.7280               | 0.8881                   | 6.1760           |                                |                                 | 39.4345                                  | 51.1892                              |  |                                       |                     |
| 18/03/2015           | 92.5020           | 0.1948                           | 0.7311               | 0.9259                   | 6.1880           |                                |                                 | 39.4228                                  | 51.1571                              |  |                                       |                     |
| 19/03/2015           | 92.6008           | 0.1867                           | 0.7244               | 0.9111                   | 6.1090           |                                |                                 | 39.4021                                  | 51.1542                              |  |                                       |                     |
| 20/03/2015           | 92.4648           | 0.2152                           | 0.7318               | 0.9470                   | 6.1980           |                                |                                 | 39.4206                                  | 51.1413                              |  |                                       |                     |
| 21/03/2015           | 92.4363           | 0.2082                           | 0.7404               | 0.9486                   | 6.2130           |                                |                                 | 39.4316                                  | 51.1485                              |  |                                       |                     |
| 22/03/2015           | 92.3092           | 0.2006                           | 0.7427               | 0.9433                   | 6.3370           |                                |                                 | 39.4736                                  | 51.1762                              |  |                                       |                     |
| 23/03/2015           | 92.3213           | 0.1725                           | 0.6467               | 0.8193                   | 6.4610           |                                |                                 | 39.5487                                  | 51.2819                              |  |                                       |                     |
| 24/03/2015           | 92.4312           | 0.1871                           | 0.6375               | 0.8247                   | 6.3400           |                                |                                 | 39.5152                                  | 51.2570                              |  |                                       |                     |
| 25/03/2015           | 92.4575           | 0.2016                           | 0.6648               | 0.8664                   | 6.1830           |                                |                                 | 39.5090                                  | 51.2308                              |  |                                       |                     |
| 26/03/2015           | 92.5200           | 0.2134                           | 0.6354               | 0.8488                   | 6.2330           |                                |                                 | 39.4723                                  | 51.2157                              |  |                                       |                     |
| 27/03/2015           | 92.6459           | 0.1755                           | 0.6375               | 0.8130                   | 6.1290           |                                |                                 | 39.4645                                  | 51.2368                              |  |                                       |                     |
| 28/03/2015           | 92.6315           | 0.1527                           | 0.6320               | 0.7846                   | 6.1890           |                                |                                 | 39.4832                                  | 51.2656                              |  |                                       |                     |
| 29/03/2015           | 92.7013           | 0.1577                           | 0.6328               | 0.7905                   | 6.1230           |                                |                                 | 39.4560                                  | 51.2463                              |  |                                       |                     |
| 30/03/2015           | 92.7420           | 0.1575                           | 0.6314               | 0.7889                   | 6.0890           |                                |                                 | 39.4438                                  | 51.2403                              |  |                                       |                     |
| 31/03/2015           | 92.6284           | 0.1608                           | 0.6360               | 0.7968                   | 6.1920           |                                |                                 | 39.4712                                  | 51.2514                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 87.1478 | 0.0627 | 0.6314 | 0.7846 | 6.0180 |  |  | 39.3757 | 49.8671 |  |  |  |
| <b>Promedio</b>   | 92.1290 | 0.1722 | 0.9113 | 1.0835 | 6.3201 |  |  | 39.4610 | 51.1164 |  |  |  |
| <b>Máximo</b>     | 92.7420 | 0.2341 | 3.9141 | 3.9768 | 7.3840 |  |  | 39.5487 | 51.2819 |  |  |  |
| <b>Desv. Est.</b> | 1.3359  | 0.0369 | 0.8028 | 0.7742 | 0.3031 |  |  | 0.0376  | 0.3351  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL  
(Valores promedio diarios)**



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                   |
| <b>PUNTO DE MEDICIÓN:</b> | Playuela  |
| <b>ZONA DE MEDICIÓN:</b>  | SUR <span style="float:right">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 83 )      | Norma ( 3 )                      | Norma ( 6 )          | Norma ( 6 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 36,80 - 43,60 )                  | Norma ( 47,30 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 99.3697           | 0.1919                           | 0.1390               | 0.3308                   | 0.1190           |                                |                                 | 37.8158                                  | 50.5261                              |  |                                       |                     |
| 02/03/2015           | 99.3761           | 0.1923                           | 0.1393               | 0.3316                   | 0.1160           |                                |                                 | 37.8105                                  | 50.5225                              |  |                                       |                     |
| 03/03/2015           | 99.3703           | 0.1946                           | 0.1392               | 0.3338                   | 0.1180           |                                |                                 | 37.8123                                  | 50.5221                              |  |                                       |                     |
| 04/03/2015           | 99.3673           | 0.1953                           | 0.1395               | 0.3349                   | 0.1200           |                                |                                 | 37.8124                                  | 50.5214                              |  |                                       |                     |
| 05/03/2015           | 99.3693           | 0.1937                           | 0.1394               | 0.3331                   | 0.1180           |                                |                                 | 37.8142                                  | 50.5236                              |  |                                       |                     |
| 06/03/2015           | 99.3698           | 0.1953                           | 0.1391               | 0.3344                   | 0.1180           |                                |                                 | 37.8116                                  | 50.5213                              |  |                                       |                     |
| 07/03/2015           | 99.3743           | 0.1945                           | 0.1389               | 0.3334                   | 0.1160           |                                |                                 | 37.8104                                  | 50.5212                              |  |                                       |                     |
| 08/03/2015           | 99.3728           | 0.1948                           | 0.1391               | 0.3338                   | 0.1170           |                                |                                 | 37.8109                                  | 50.5212                              |  |                                       |                     |
| 09/03/2015           | 99.3842           | 0.1943                           | 0.1385               | 0.3329                   | 0.1120           |                                |                                 | 37.8049                                  | 50.5184                              |  |                                       |                     |
| 10/03/2015           | 99.3711           | 0.1980                           | 0.1393               | 0.3373                   | 0.1150           |                                |                                 | 37.8086                                  | 50.5173                              |  |                                       |                     |
| 11/03/2015           | 99.3518           | 0.2000                           | 0.1520               | 0.3520                   | 0.1180           |                                |                                 | 37.8056                                  | 50.5080                              |  |                                       |                     |
| 12/03/2015           | 99.3698           | 0.1989                           | 0.1398               | 0.3387                   | 0.1150           |                                |                                 | 37.8085                                  | 50.5165                              |  |                                       |                     |
| 13/03/2015           | 99.3753           | 0.1979                           | 0.1395               | 0.3374                   | 0.1120           |                                |                                 | 37.8073                                  | 50.5166                              |  |                                       |                     |
| 14/03/2015           | 99.3760           | 0.1978                           | 0.1398               | 0.3377                   | 0.1120           |                                |                                 | 37.8058                                  | 50.5157                              |  |                                       |                     |
| 15/03/2015           | 99.3788           | 0.1964                           | 0.1394               | 0.3358                   | 0.1120           |                                |                                 | 37.8058                                  | 50.5171                              |  |                                       |                     |
| 16/03/2015           | 99.3779           | 0.1957                           | 0.1390               | 0.3347                   | 0.1140           |                                |                                 | 37.8063                                  | 50.5180                              |  |                                       |                     |
| 17/03/2015           | 99.3628           | 0.1990                           | 0.1403               | 0.3393                   | 0.1190           |                                |                                 | 37.8105                                  | 50.5172                              |  |                                       |                     |
| 18/03/2015           | 99.3631           | 0.2000                           | 0.1400               | 0.3401                   | 0.1180           |                                |                                 | 37.8099                                  | 50.5161                              |  |                                       |                     |
| 19/03/2015           | 99.3634           | 0.1987                           | 0.1402               | 0.3389                   | 0.1190           |                                |                                 | 37.8109                                  | 50.5176                              |  |                                       |                     |
| 20/03/2015           | 99.3633           | 0.2000                           | 0.1405               | 0.3404                   | 0.1170           |                                |                                 | 37.8100                                  | 50.5162                              |  |                                       |                     |
| 21/03/2015           | 99.3668           | 0.2001                           | 0.1397               | 0.3398                   | 0.1160           |                                |                                 | 37.8090                                  | 50.5160                              |  |                                       |                     |
| 22/03/2015           | 99.3774           | 0.1990                           | 0.1380               | 0.3370                   | 0.1110           |                                |                                 | 37.8055                                  | 50.5156                              |  |                                       |                     |
| 23/03/2015           | 99.3827           | 0.1985                           | 0.1387               | 0.3372                   | 0.1080           |                                |                                 | 37.8025                                  | 50.5139                              |  |                                       |                     |
| 24/03/2015           | 99.3835           | 0.1978                           | 0.1388               | 0.3366                   | 0.1080           |                                |                                 | 37.8030                                  | 50.5149                              |  |                                       |                     |
| 25/03/2015           | 99.3780           | 0.1974                           | 0.1398               | 0.3371                   | 0.1110           |                                |                                 | 37.8049                                  | 50.5156                              |  |                                       |                     |
| 26/03/2015           | 99.3760           | 0.1978                           | 0.1399               | 0.3377                   | 0.1120           |                                |                                 | 37.8062                                  | 50.5162                              |  |                                       |                     |
| 27/03/2015           | 99.3741           | 0.1975                           | 0.1404               | 0.3379                   | 0.1120           |                                |                                 | 37.8077                                  | 50.5175                              |  |                                       |                     |
| 28/03/2015           | 99.3713           | 0.1973                           | 0.1410               | 0.3382                   | 0.1140           |                                |                                 | 37.8077                                  | 50.5168                              |  |                                       |                     |
| 29/03/2015           | 99.3652           | 0.1965                           | 0.1412               | 0.3377                   | 0.1150           |                                |                                 | 37.8145                                  | 50.5207                              |  |                                       |                     |
| 30/03/2015           | 99.3747           | 0.1967                           | 0.1406               | 0.3373                   | 0.1120           |                                |                                 | 37.8070                                  | 50.5169                              |  |                                       |                     |
| 31/03/2015           | 99.3706           | 0.1973                           | 0.1411               | 0.3385                   | 0.1150           |                                |                                 | 37.8073                                  | 50.5162                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 99.3518 | 0.1919 | 0.1380 | 0.3308 | 0.1080 |  |  | 37.8025 | 50.5080 |  |  |  |
| <b>Promedio</b>   | 99.3718 | 0.1969 | 0.1400 | 0.3370 | 0.1148 |  |  | 37.8086 | 50.5179 |  |  |  |
| <b>Máximo</b>     | 99.3842 | 0.2001 | 0.1520 | 0.3520 | 0.1200 |  |  | 37.8158 | 50.5261 |  |  |  |
| <b>Desv. Est.</b> | 0.0070  | 0.0022 | 0.0024 | 0.0038 | 0.0033 |  |  | 0.0033  | 0.0034  |  |  |  |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



|                           |  |
|---------------------------|--|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica                                |
| <b>PUNTO DE MEDICIÓN:</b> | Mareografo   |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS <span style="float: right;">PROMEDIO/DIA</span> |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 01/03/2015           | 97.5893           | 1.9970                           | 0.1059               | 2.1029                   | 0.2870           |                                |                                 | 37.0741                                  | 48.8412                              |  |                                       |                     |
| 02/03/2015           | 97.5943           | 1.9960                           | 0.1059               | 2.1019                   | 0.2840           |                                |                                 | 37.0730                                  | 48.8414                              |  |                                       |                     |
| 03/03/2015           | 97.5865           | 1.9979                           | 0.1058               | 2.1037                   | 0.2860           |                                |                                 | 37.0754                                  | 48.8416                              |  |                                       |                     |
| 04/03/2015           | 97.5812           | 1.9989                           | 0.1067               | 2.1055                   | 0.2880           |                                |                                 | 37.0760                                  | 48.8407                              |  |                                       |                     |
| 05/03/2015           | 97.5930           | 2.0005                           | 0.1058               | 2.1063                   | 0.2830           |                                |                                 | 37.0700                                  | 48.8365                              |  |                                       |                     |
| 06/03/2015           | 97.5916           | 2.0014                           | 0.1059               | 2.1073                   | 0.2830           |                                |                                 | 37.0697                                  | 48.8355                              |  |                                       |                     |
| 07/03/2015           | 97.5882           | 1.9985                           | 0.1055               | 2.1040                   | 0.2860           |                                |                                 | 37.0737                                  | 48.8400                              |  |                                       |                     |
| 08/03/2015           | 97.5915           | 1.9959                           | 0.1065               | 2.1023                   | 0.2840           |                                |                                 | 37.0739                                  | 48.8416                              |  |                                       |                     |
| 09/03/2015           | 97.5843           | 1.9995                           | 0.1061               | 2.1056                   | 0.2840           |                                |                                 | 37.0752                                  | 48.8401                              |  |                                       |                     |
| 10/03/2015           | 97.5873           | 1.9958                           | 0.1075               | 2.1033                   | 0.2860           |                                |                                 | 37.0754                                  | 48.8424                              |  |                                       |                     |
| 11/03/2015           | 97.5821           | 2.0070                           | 0.1065               | 2.1135                   | 0.2840           |                                |                                 | 37.0692                                  | 48.8314                              |  |                                       |                     |
| 12/03/2015           | 97.5823           | 2.0023                           | 0.1069               | 2.1092                   | 0.2840           |                                |                                 | 37.0728                                  | 48.8363                              |  |                                       |                     |
| 13/03/2015           | 97.5818           | 2.0015                           | 0.1073               | 2.1088                   | 0.2850           |                                |                                 | 37.0735                                  | 48.8372                              |  |                                       |                     |
| 14/03/2015           | 97.5945           | 1.9890                           | 0.1041               | 2.0931                   | 0.2870           |                                |                                 | 37.0801                                  | 48.8509                              |  |                                       |                     |
| 15/03/2015           | 97.5950           | 1.9890                           | 0.1040               | 2.0930                   | 0.2870           |                                |                                 | 37.0800                                  | 48.8509                              |  |                                       |                     |
| 16/03/2015           | 97.5950           | 1.9890                           | 0.1040               | 2.0930                   | 0.2870           |                                |                                 | 37.0800                                  | 48.8509                              |  |                                       |                     |
| 17/03/2015           | 97.5869           | 2.0003                           | 0.1065               | 2.1068                   | 0.2830           |                                |                                 | 37.0732                                  | 48.8382                              |  |                                       |                     |
| 18/03/2015           | 97.5819           | 1.9975                           | 0.1100               | 2.1074                   | 0.2850           |                                |                                 | 37.0748                                  | 48.8397                              |  |                                       |                     |
| 19/03/2015           | 97.5835           | 1.9993                           | 0.1080               | 2.1073                   | 0.2840           |                                |                                 | 37.0739                                  | 48.8385                              |  |                                       |                     |
| 20/03/2015           | 97.5805           | 2.0004                           | 0.1076               | 2.1080                   | 0.2850           |                                |                                 | 37.0744                                  | 48.8381                              |  |                                       |                     |
| 21/03/2015           | 97.5765           | 2.0001                           | 0.1179               | 2.1180                   | 0.2810           |                                |                                 | 37.0687                                  | 48.8305                              |  |                                       |                     |
| 22/03/2015           | 97.5609           | 1.9933                           | 0.1263               | 2.1196                   | 0.2860           |                                |                                 | 37.0758                                  | 48.8350                              |  |                                       |                     |
| 23/03/2015           | 97.5845           | 1.9950                           | 0.1136               | 2.1086                   | 0.2820           |                                |                                 | 37.0728                                  | 48.8384                              |  |                                       |                     |
| 24/03/2015           | 97.5825           | 1.9981                           | 0.1115               | 2.1096                   | 0.2840           |                                |                                 | 37.0726                                  | 48.8372                              |  |                                       |                     |
| 25/03/2015           | 97.5900           | 1.9929                           | 0.1110               | 2.1039                   | 0.2830           |                                |                                 | 37.0739                                  | 48.8417                              |  |                                       |                     |
| 26/03/2015           | 97.5960           | 1.9877                           | 0.1105               | 2.0982                   | 0.2840           |                                |                                 | 37.0758                                  | 48.8466                              |  |                                       |                     |
| 27/03/2015           | 97.5879           | 1.9961                           | 0.1123               | 2.1083                   | 0.2860           |                                |                                 | 37.0705                                  | 48.8372                              |  |                                       |                     |
| 28/03/2015           | 97.5965           | 1.9952                           | 0.1113               | 2.1065                   | 0.2830           |                                |                                 | 37.0680                                  | 48.8367                              |  |                                       |                     |
| 29/03/2015           | 97.5806           | 2.0003                           | 0.1092               | 2.1095                   | 0.2830           |                                |                                 | 37.0777                                  | 48.8399                              |  |                                       |                     |
| 30/03/2015           | 97.5984           | 1.9967                           | 0.1093               | 2.1060                   | 0.2810           |                                |                                 | 37.0675                                  | 48.8360                              |  |                                       |                     |
| 31/03/2015           | 97.5944           | 1.9974                           | 0.1097               | 2.1070                   | 0.2840           |                                |                                 | 37.0683                                  | 48.8360                              |  |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|                   |         |        |        |        |        |  |  |         |         |  |  |  |
|-------------------|---------|--------|--------|--------|--------|--|--|---------|---------|--|--|--|
| <b>Mínimo</b>     | 97.5609 | 1.9877 | 0.1040 | 2.0930 | 0.2810 |  |  | 37.0675 | 48.8305 |  |  |  |
| <b>Promedio</b>   | 97.5871 | 1.9971 | 0.1087 | 2.1057 | 0.2845 |  |  | 37.0735 | 48.8396 |  |  |  |
| <b>Máximo</b>     | 97.5984 | 2.0070 | 0.1263 | 2.1196 | 0.2880 |  |  | 37.0801 | 48.8509 |  |  |  |
| <b>Desv. Est.</b> | 0.0076  | 0.0043 | 0.0045 | 0.0060 | 0.0018 |  |  | 0.0034  | 0.0049  |  |  |  |

Observaciones: