


| INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL (Registros Máximos diarios) | | | | | | | | | | | |
|---|-------------------------|--|--|--|--|--|--|--|--|--|---|
| PERMISIONARIO: | NATGASMEX, S.A. DE C.V. | | | | | | | | | |  |
| PUNTO DE MEDICIÓN: | Tetla | | | | | | | | | | |
| ZONA DE MEDICIÓN: | SUR | | | | | | | | | | |

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocio (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) | Azufre total* (mg/m ³) | Oxígeno* (% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
| | 83.0 MÍN. | 3.0 MÁX. | 6.0 MÁX. | 6.0 MÁX. | 11.0 MÁX. | 271.15 MÁX | 110.0 MÁX. | 43.6 MÁX. | 53.2 MÁX. | 6.0 MÁX. | 150.0 MÁX. | 0.2 MÁX. |
| 01/02/2015 | 89.8191 | 0.3426 | 4.6532 | 4.9958 | 6.5553 | 262.2137 | 175.6789 | 39.5298 | 50.3635 | 2.2262 | | |
| 02/02/2015 | 89.8914 | 0.3381 | 5.1664 | 5.5045 | 6.3935 | 262.5028 | 180.2917 | 39.6421 | 50.3891 | 2.4990 | | |
| 03/02/2015 | 89.7353 | 0.2736 | 5.5534 | 5.8270 | 6.9343 | 278.0595 | 171.4587 | 39.4110 | 50.2833 | 2.2614 | | |
| 04/02/2015 | 88.8477 | 0.2176 | 4.8170 | 5.0346 | 6.1662 | 250.0522 | 225.1438 | 39.1313 | 49.8988 | 2.4022 | | |
| 05/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 280.1048 | 39.0132 | 49.9031 | 1.6895 | | |
| 06/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 248.9929 | 39.0132 | 49.5439 | 1.9270 | | |
| 07/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 292.9617 | 39.0132 | 49.3372 | 1.6807 | | |
| 08/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 272.9402 | 39.0132 | 49.3577 | 1.5751 | | |
| 09/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 241.8284 | 39.0132 | 49.4183 | 2.2878 | | |
| 10/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 217.4885 | 39.0132 | 49.5489 | 1.8830 | | |
| 11/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 206.2019 | 39.0132 | 49.5353 | 2.0238 | | |
| 12/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 178.7214 | 39.0132 | 49.5432 | 2.4550 | | |
| 13/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 182.6472 | 39.0132 | 49.4503 | 6.2475 | | |
| 14/02/2015 | 89.7243 | 0.2421 | 4.7928 | 5.0349 | 6.1744 | 228.0514 | 201.9816 | 38.3986 | 49.3573 | 2.3582 | | |
| 15/02/2015 | 89.6402 | 0.2140 | 5.0730 | 5.2870 | 6.2472 | 232.0276 | 210.5202 | 39.0317 | 49.9123 | 3.8013 | | |
| 16/02/2015 | 89.2161 | 0.3217 | 4.8005 | 5.1221 | 6.1515 | 275.7044 | 252.7224 | 39.4982 | 50.3658 | 2.4022 | | |
| 17/02/2015 | 88.7591 | 0.1457 | 4.7998 | 4.9455 | 6.1295 | 275.0512 | 231.0325 | 38.9003 | 49.7132 | 2.3934 | | |
| 18/02/2015 | 89.3352 | 0.2356 | 4.8018 | 5.0373 | 6.1746 | 264.6443 | 232.2102 | 39.1322 | 50.0723 | 3.2293 | | |
| 19/02/2015 | 89.9247 | 0.3586 | 4.1655 | 4.5241 | 5.9893 | 277.1503 | 204.4353 | 39.8203 | 50.6092 | 2.3318 | | |
| 20/02/2015 | 90.3012 | 0.4087 | 3.7576 | 4.1664 | 6.0032 | 264.6934 | 175.1882 | 39.5341 | 50.5019 | 2.4902 | | |
| 21/02/2015 | 93.0429 | 0.6822 | 3.6857 | 4.3679 | 6.8533 | 265.4275 | 92.9430 | 39.8106 | 51.6304 | 2.5342 | | |
| 22/02/2015 | 93.9437 | 0.7053 | 4.0751 | 4.7804 | 7.0274 | 275.9003 | 74.8844 | 39.8058 | 51.6313 | 3.2645 | | |
| 23/02/2015 | 92.7780 | 0.3916 | 4.3568 | 4.7484 | 7.2019 | 275.3490 | 69.2901 | 39.2208 | 50.4653 | 2.4286 | | |
| 24/02/2015 | 93.9932 | 0.6387 | 4.4611 | 5.0998 | 6.2034 | 277.2490 | 57.5128 | 39.6627 | 51.4121 | 3.4493 | | |
| 25/02/2015 | 89.7416 | 0.2607 | 4.8013 | 5.0620 | 6.1266 | 268.0193 | 63.8922 | 38.6943 | 49.6673 | 3.3173 | | |
| 26/02/2015 | 90.8268 | 0.4242 | 4.7938 | 5.2180 | 6.1195 | 275.2549 | 321.0311 | 39.4764 | 50.7219 | 3.0006 | | |
| 27/02/2015 | 91.0940 | 0.4218 | 4.7856 | 5.2074 | 6.3844 | 275.9211 | 107.9591 | 39.4608 | 50.7111 | 2.5166 | | |
| 28/02/2015 | 90.4758 | 0.3604 | 4.7920 | 5.1524 | 6.1395 | 274.5275 | 119.1476 | 39.2459 | 50.3528 | 2.4902 | | |

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

| | | | | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|--|--|
| Mínimo | 88.7591 | 0.1457 | 3.6857 | 4.1664 | 5.9893 | 228.0514 | 57.5128 | 38.3986 | 49.3372 | 1.5751 | | |
| Promedio | 90.3075 | 0.3272 | 4.6881 | 5.0153 | 6.3052 | 253.9379 | 188.9004 | 39.2331 | 50.1320 | 2.6131 | | |
| Máximo | 93.9932 | 0.7053 | 5.5534 | 5.8270 | 7.2019 | 278.0595 | 321.0311 | 39.8203 | 51.6313 | 6.2475 | | |
| Desv. Est. | 1.40140 | 0.14188 | 0.38568 | 0.31073 | 0.31382 | 21.76026 | 72.72972 | 0.35192 | 0.67442 | 0.89648 | | |

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ
FALTA DE HELIO EN CROMATÓGRAFO. DATOS FIJOS.

| INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL (Registros Mínimos diarios) | | |
|---|-------------------------|--|
| PERMISIONARIO: | NATGASMEX, S.A. DE C.V. | |
| PUNTO DE MEDICIÓN: | Tetla | |
| ZONA DE MEDICIÓN: | SUR | |
| | |  Energía de México |

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocío (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) | Azufre total* (mg/m ³) | Oxígeno* (% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
| | 83.0 MÍN. | 3.0 MÁX. | 6.0 MÁX. | 6.0 MÁX. | 11.0 MÁX. | 271.15 MÁX. | 110.0 MÁX. | 36.8 MÍN. | 47.3 MÍN. | 6.0 MÁX. | 150.0 MÁX. | 0.2 MÁX. |
| 01/02/2015 | 87.6891 | 0.1941 | 3.2717 | 3.4658 | 5.5832 | 256.3670 | 123.4659 | 39.0231 | 49.6483 | 1.1351 | | |
| 02/02/2015 | 87.6839 | 0.0864 | 3.3627 | 3.4492 | 5.3774 | 255.8743 | 130.0416 | 38.8673 | 49.4114 | 1.1791 | | |
| 03/02/2015 | 87.1804 | 0.0355 | 3.4205 | 3.4559 | 5.6821 | 225.9468 | 140.2487 | 38.6898 | 49.2707 | 1.1791 | | |
| 04/02/2015 | 88.5158 | 0.0974 | 4.2233 | 4.3207 | 5.6816 | 206.6954 | 160.1720 | 38.4960 | 49.3429 | 1.2671 | | |
| 05/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 147.6095 | 38.4976 | 49.3450 | 1.0295 | | |
| 06/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 159.3869 | 38.4976 | 49.3450 | 0.9591 | | |
| 07/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 175.4826 | 38.4976 | 49.3450 | 0.8007 | | |
| 08/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 152.3205 | 38.4976 | 49.3450 | 0.8007 | | |
| 09/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 146.9225 | 38.4976 | 49.3450 | 0.8359 | | |
| 10/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 145.2540 | 38.4976 | 49.3450 | 0.8447 | | |
| 11/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 128.4713 | 38.4976 | 49.3450 | 1.0823 | | |
| 12/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 114.7311 | 38.4976 | 49.3450 | 1.2143 | | |
| 13/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 134.2619 | 38.4976 | 49.3450 | 1.3815 | | |
| 14/02/2015 | 88.6578 | 0.0999 | 3.9018 | 4.0017 | 5.5381 | 206.9111 | 150.9464 | 38.4976 | 49.3450 | 1.3375 | | |
| 15/02/2015 | 88.6597 | 0.0889 | 4.0351 | 4.1240 | 5.0363 | 196.9074 | 140.4450 | 38.0068 | 48.9361 | 1.4167 | | |
| 16/02/2015 | 88.5745 | 0.0996 | 3.4434 | 3.5430 | 5.7154 | 207.3574 | 155.9518 | 38.4920 | 49.3386 | 1.2935 | | |
| 17/02/2015 | 88.5233 | 0.0994 | 4.4201 | 4.5196 | 5.9815 | 207.3966 | 170.3791 | 38.4923 | 49.3396 | 1.3023 | | |
| 18/02/2015 | 88.5663 | 0.0994 | 3.7705 | 3.8699 | 5.8898 | 265.1626 | 143.3893 | 38.4914 | 49.3372 | 1.3991 | | |
| 19/02/2015 | 89.0951 | 0.1804 | 3.1155 | 3.2959 | 5.6465 | 277.3647 | 126.6066 | 38.9117 | 49.8075 | 1.2495 | | |
| 20/02/2015 | 89.0994 | 0.2864 | 3.0192 | 3.3055 | 5.4275 | 258.3021 | 68.4068 | 39.0856 | 50.0118 | 1.0999 | | |
| 21/02/2015 | 88.4790 | 0.2995 | 0.4886 | 0.7881 | 5.3416 | 226.0626 | 64.2847 | 38.7320 | 49.8949 | 1.0911 | | |
| 22/02/2015 | 87.9498 | 0.2638 | 0.4473 | 0.7110 | 3.5964 | 225.8059 | 36.1172 | 38.7983 | 49.7907 | 1.2319 | | |
| 23/02/2015 | 87.8476 | 0.2003 | 2.5156 | 2.7160 | 4.1441 | 217.2065 | 30.3267 | 38.7067 | 49.6023 | 1.1439 | | |
| 24/02/2015 | 88.9071 | 0.1538 | 0.8703 | 1.0241 | 3.8204 | 277.4914 | 37.4913 | 38.6165 | 49.5234 | 1.2671 | | |
| 25/02/2015 | 88.6876 | 0.0992 | 4.1094 | 4.2086 | 5.5195 | 213.3884 | 40.0430 | 38.4928 | 49.3383 | 1.4519 | | |
| 26/02/2015 | 88.6936 | 0.1001 | 2.4880 | 2.5881 | 5.4146 | 211.8775 | 31.5044 | 38.5068 | 49.3489 | 1.3903 | | |
| 27/02/2015 | 88.6737 | 0.1023 | 2.3957 | 2.4980 | 5.5390 | 217.1421 | 22.9658 | 38.5532 | 49.3788 | 1.3287 | | |
| 28/02/2015 | 88.6801 | 0.1013 | 3.0165 | 3.1178 | 5.4453 | 230.9074 | 79.9879 | 38.5331 | 49.3648 | 1.5047 | | |

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| | | | | | | | | | | | | |
|------------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|--|--|
| Mínimo | 87.1804 | 0.0355 | 0.4473 | 0.7110 | 3.5964 | 196.9074 | 22.9658 | 38.0068 | 48.9361 | 0.8007 | | |
| Promedio | 88.5030 | 0.1281 | 3.2654 | 3.3935 | 5.3651 | 223.0845 | 112.7577 | 38.5883 | 49.4334 | 1.1863 | | |
| Máximo | 89.0994 | 0.2995 | 4.4201 | 4.5196 | 5.9815 | 277.4914 | 175.4826 | 39.0856 | 50.0118 | 1.5047 | | |
| Desv. Est. | 0.43432 | 0.06441 | 1.07811 | 1.03436 | 0.56390 | 23.98952 | 49.98503 | 0.20954 | 0.22022 | 0.20027 | | |

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ
FALTA DE HELIO EN CROMATÓGRAFO. DATOS FIJOS.