

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación Naranjos - RMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/10/2017 | 95.3020 | 0.6590 | 0.2981 | 0.9571 | 3.1355 | 220.1308 | 7.2838 | 38.7222 | 50.6506 | 0.2313 | | |
| 02/10/2017 | 95.1986 | 0.6708 | 0.2629 | 0.9337 | 3.2170 | 220.1308 | 7.1110 | 38.7829 | 50.6928 | 0.2193 | | |
| 03/10/2017 | 95.0382 | 0.6389 | 0.2419 | 0.8808 | 3.3383 | 220.1308 | 6.4868 | 38.8951 | 50.7880 | 0.2817 | | |
| 04/10/2017 | 95.4247 | 0.7231 | 0.2482 | 0.9713 | 3.1774 | 220.1308 | 6.9875 | 38.6123 | 50.5671 | 0.2151 | | |
| 05/10/2017 | 95.5375 | 0.6491 | 0.2280 | 0.8770 | 3.1468 | 220.1308 | 6.6329 | 38.6455 | 50.6471 | 0.2508 | | |
| 06/10/2017 | 95.2977 | 0.6476 | 0.2284 | 0.8760 | 3.3585 | 220.1308 | 5.5433 | 38.7238 | 50.6922 | 0.2057 | | |
| 07/10/2017 | 95.4188 | 0.7985 | 0.2491 | 1.0476 | 3.2169 | 220.1308 | 6.1481 | 38.5222 | 50.4632 | 0.2992 | | |
| 08/10/2017 | 96.1614 | 0.7533 | 0.2570 | 1.0103 | 2.5655 | 221.1147 | 7.9505 | 38.3198 | 50.3756 | 0.2579 | | |
| 09/10/2017 | 95.7955 | 0.6870 | 0.2240 | 0.9110 | 2.8995 | 229.2239 | 7.3356 | 38.5367 | 50.5605 | 0.3659 | | |
| 10/10/2017 | 95.6255 | 0.6463 | 0.2217 | 0.8680 | 3.0623 | 223.0256 | 6.5307 | 38.6295 | 50.6427 | 0.2751 | | |
| 11/10/2017 | 95.7793 | 0.7424 | 0.2437 | 0.9862 | 2.8997 | 221.3402 | 6.9710 | 38.4695 | 50.4746 | 0.2958 | | |
| 12/10/2017 | 95.8877 | 0.8179 | 0.2861 | 1.1040 | 2.7612 | 226.2928 | 7.7454 | 38.3318 | 50.3239 | 0.7280 | | |
| 13/10/2017 | 95.7009 | 0.8138 | 0.2901 | 1.1039 | 2.9130 | 225.5845 | 6.8618 | 38.3981 | 50.3627 | 0.6826 | | |
| 14/10/2017 | 95.5404 | 0.7140 | 0.2578 | 0.9718 | 3.0752 | 221.6965 | 6.0565 | 38.5752 | 50.5479 | 0.5867 | | |
| 15/10/2017 | 95.3445 | 0.7283 | 0.2660 | 0.9943 | 3.2344 | 222.6097 | 5.5801 | 38.6191 | 50.5592 | 0.6188 | | |
| 16/10/2017 | 95.3716 | 0.7531 | 0.2533 | 1.0064 | 3.0984 | 225.6240 | 5.9828 | 38.6387 | 50.5583 | 0.4774 | | |
| 17/10/2017 | 95.7090 | 0.7337 | 0.2586 | 0.9922 | 2.8350 | 234.5439 | 6.8862 | 38.5319 | 50.5088 | 0.4343 | | |
| 18/10/2017 | 95.8667 | 0.7624 | 0.2897 | 1.0521 | 2.7215 | 234.5439 | 7.1423 | 38.4108 | 50.4058 | 0.4666 | | |
| 19/10/2017 | 95.8253 | 0.7436 | 0.3256 | 1.0692 | 2.7524 | 229.1280 | 7.8629 | 38.4106 | 50.4023 | 0.3320 | | |
| 20/10/2017 | 95.5713 | 0.7095 | 0.3043 | 1.0138 | 2.9545 | 221.2138 | 7.3146 | 38.5556 | 50.5183 | 0.4120 | | |
| 21/10/2017 | 95.6486 | 0.7043 | 0.2680 | 0.9723 | 2.8950 | 220.8769 | 6.4187 | 38.5680 | 50.5456 | 0.3693 | | |
| 22/10/2017 | 95.7967 | 0.7144 | 0.2732 | 0.9876 | 2.7666 | 220.8769 | 6.2365 | 38.5038 | 50.4996 | 0.3210 | | |
| 23/10/2017 | 95.5234 | 0.6898 | 0.2697 | 0.9596 | 3.0032 | 220.8769 | 5.6700 | 38.6212 | 50.5851 | 0.3719 | | |
| 24/10/2017 | 95.5243 | 0.7311 | 0.2648 | 0.9959 | 2.9740 | 220.8769 | 5.4917 | 38.5952 | 50.5437 | 0.3196 | | |
| 25/10/2017 | 95.6004 | 0.8173 | 0.2929 | 1.1102 | 2.8969 | 220.8769 | 5.9377 | 38.4639 | 50.3961 | 0.3821 | | |
| 26/10/2017 | 95.6924 | 0.8496 | 0.2950 | 1.1445 | 2.8193 | 220.8769 | 6.1346 | 38.3929 | 50.3323 | 0.3246 | | |
| 27/10/2017 | 95.9121 | 0.8764 | 0.2849 | 1.1613 | 2.6266 | 220.8769 | 6.5954 | 38.3043 | 50.2676 | 0.2700 | | |
| 28/10/2017 | 95.8696 | 0.9181 | 0.2918 | 1.2099 | 2.6623 | 220.8769 | 6.7207 | 38.2698 | 50.2157 | 0.3316 | | |
| 29/10/2017 | 95.4886 | 0.8514 | 0.2642 | 1.1156 | 2.9961 | 220.8769 | 5.7752 | 38.4922 | 50.4017 | 0.4628 | | |
| 30/10/2017 | 95.3780 | 0.7802 | 0.2376 | 1.0178 | 3.0862 | 220.8769 | 4.8775 | 38.6314 | 50.5424 | 0.3027 | | |
| 31/10/2017 | 95.3620 | 0.7514 | 0.2254 | 0.9769 | 3.0513 | 220.8769 | 4.4992 | 38.6968 | 50.6049 | 0.2608 | | |

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

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|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|--|--|
| Mínimo | 95.0382 | 0.6389 | 0.2217 | 0.8680 | 2.5655 | 220.1308 | 4.4992 | 38.2698 | 50.2157 | 0.2057 | | |
| Promedio | 95.5869 | 0.7444 | 0.2646 | 1.0090 | 2.9723 | 222.7904 | 6.4765 | 38.5442 | 50.5057 | 0.3662 | | |
| Máximo | 96.1614 | 0.9181 | 0.3256 | 1.2099 | 3.3585 | 234.5439 | 7.9505 | 38.8951 | 50.7880 | 0.7280 | | |
| Desv. Est. | 0.245176805 | 0.071701228 | 0.026633208 | 0.087040067 | 0.206045215 | 4.018371036 | 0.832978293 | 0.14685662 | 0.133134657 | 0.135803685 | | |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación Naranjos - RMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|
| 01/10/2017 | 95.4303 | 0.6796 | 0.3166 | 0.9962 | 3.3016 | 220.1308 | 7.7111 | 38.8329 | 50.7123 | 0.5579 |
| 02/10/2017 | 95.3537 | 0.6900 | 0.2768 | 0.9668 | 3.3425 | 220.1308 | 7.5976 | 38.9294 | 50.8133 | 0.6658 |
| 03/10/2017 | 95.2653 | 0.7018 | 0.2731 | 0.9749 | 3.4280 | 220.1308 | 6.9650 | 39.0648 | 50.9369 | 0.7701 |
| 04/10/2017 | 95.6271 | 0.7510 | 0.2589 | 1.0099 | 3.3999 | 220.1308 | 7.5742 | 38.7429 | 50.6429 | 0.6363 |
| 05/10/2017 | 95.7839 | 0.7238 | 0.2611 | 0.9850 | 3.3775 | 220.1308 | 7.3665 | 38.7811 | 50.7617 | 0.6851 |
| 06/10/2017 | 95.5026 | 0.7195 | 0.2399 | 0.9595 | 3.5442 | 220.1308 | 5.8969 | 38.7693 | 50.7088 | 0.4134 |
| 07/10/2017 | 95.8360 | 0.8930 | 0.2737 | 1.1668 | 3.5531 | 220.1308 | 9.6343 | 38.7189 | 50.6331 | 0.7108 |
| 08/10/2017 | 96.2952 | 0.8049 | 0.2729 | 1.0779 | 2.7195 | 229.2239 | 8.7126 | 38.3747 | 50.3827 | 0.4934 |
| 09/10/2017 | 96.1393 | 0.8072 | 0.2542 | 1.0615 | 3.0954 | 229.2239 | 8.7310 | 38.6726 | 50.6885 | 1.0388 |
| 10/10/2017 | 95.8204 | 0.7265 | 0.2493 | 0.9757 | 3.2355 | 229.2239 | 7.2115 | 38.7410 | 50.7484 | 0.6777 |
| 11/10/2017 | 96.1127 | 0.8497 | 0.2740 | 1.1237 | 3.2320 | 227.5130 | 7.8332 | 38.7262 | 50.7242 | 1.0016 |
| 12/10/2017 | 96.0297 | 0.8465 | 0.2945 | 1.1410 | 2.9207 | 231.8133 | 8.2489 | 38.3990 | 50.3590 | 1.4883 |
| 13/10/2017 | 95.8467 | 0.8839 | 0.3037 | 1.1876 | 3.0660 | 230.1070 | 7.0511 | 38.4927 | 50.4257 | 1.4979 |
| 14/10/2017 | 95.7910 | 0.8292 | 0.3004 | 1.1296 | 3.2492 | 227.2739 | 6.9188 | 38.7094 | 50.6823 | 0.9705 |
| 15/10/2017 | 95.5748 | 0.8000 | 0.2809 | 1.0809 | 3.4961 | 222.8997 | 6.0679 | 38.7118 | 50.5619 | 1.4854 |
| 16/10/2017 | 95.6542 | 0.8017 | 0.2792 | 1.0808 | 3.4361 | 234.5439 | 6.6124 | 38.6993 | 50.5568 | 0.7642 |
| 17/10/2017 | 95.8372 | 0.7692 | 0.2788 | 1.0480 | 2.9865 | 234.5439 | 7.0681 | 38.6541 | 50.5951 | 0.7521 |
| 18/10/2017 | 96.0808 | 0.8285 | 0.3060 | 1.1345 | 2.9117 | 234.5439 | 8.0207 | 38.6081 | 50.5774 | 0.9019 |
| 19/10/2017 | 95.9818 | 0.8084 | 0.3449 | 1.1533 | 2.9103 | 234.5439 | 8.2247 | 38.5208 | 50.4887 | 0.6422 |
| 20/10/2017 | 95.7728 | 0.7624 | 0.3503 | 1.1127 | 3.2470 | 223.1451 | 8.2050 | 38.7736 | 50.6890 | 0.7953 |
| 21/10/2017 | 95.7910 | 0.7396 | 0.2791 | 1.0187 | 3.0036 | 220.8769 | 6.9694 | 38.6397 | 50.6036 | 0.7020 |
| 22/10/2017 | 95.9747 | 0.7424 | 0.2810 | 1.0234 | 2.8472 | 220.8769 | 6.4976 | 38.5882 | 50.5594 | 0.7255 |
| 23/10/2017 | 95.7592 | 0.7087 | 0.2777 | 0.9864 | 3.1334 | 220.8769 | 6.0627 | 38.6959 | 50.6437 | 0.8874 |
| 24/10/2017 | 95.6547 | 0.7624 | 0.2763 | 1.0387 | 3.0959 | 220.8769 | 5.9212 | 38.6648 | 50.6031 | 0.5437 |
| 25/10/2017 | 95.7445 | 0.8544 | 0.3032 | 1.1577 | 3.0260 | 220.8769 | 6.4715 | 38.5812 | 50.4966 | 0.6662 |
| 26/10/2017 | 96.0500 | 0.9421 | 0.3078 | 1.2500 | 3.1131 | 220.8769 | 6.9110 | 38.5235 | 50.4084 | 0.8438 |
| 27/10/2017 | 96.1622 | 0.9171 | 0.3065 | 1.2236 | 2.7047 | 220.8769 | 7.0613 | 38.4101 | 50.3693 | 0.5889 |
| 28/10/2017 | 95.9988 | 0.9622 | 0.3065 | 1.2688 | 2.8312 | 220.8769 | 7.0222 | 38.3176 | 50.2228 | 0.5262 |
| 29/10/2017 | 95.9180 | 0.9068 | 0.2915 | 1.1983 | 3.2879 | 220.8769 | 6.5272 | 38.6746 | 50.5440 | 1.1386 |
| 30/10/2017 | 95.5225 | 0.8309 | 0.2520 | 1.0829 | 3.1907 | 220.8769 | 5.3770 | 38.6826 | 50.5821 | 0.7154 |
| 31/10/2017 | 95.4702 | 0.8259 | 0.2426 | 1.0684 | 3.1757 | 220.8769 | 4.6228 | 38.7805 | 50.6660 | 0.8513 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|
| Máximo | 96.2952 | 0.9622 | 0.3503 | 1.2688 | 3.5531 | 234.5439 | 9.6343 | 39.0648 | 50.9369 | 1.4979 |
|---------------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación Naranjos - RMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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 Sulhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|--|
| 01/10/2017 | 95.0272 | 0.6212 | 0.2768 | 0.8980 | 3.0401 | 220.1308 | 6.8671 | 38.6534 | 50.6003 | 0.1140 |
| 02/10/2017 | 94.9983 | 0.6311 | 0.2404 | 0.8716 | 3.1187 | 220.1308 | 6.3786 | 38.6955 | 50.6312 | 0.1174 |
| 03/10/2017 | 94.8581 | 0.5736 | 0.2126 | 0.7862 | 3.1745 | 220.1308 | 5.7518 | 38.7696 | 50.6925 | 0.1122 |
| 04/10/2017 | 95.1155 | 0.6991 | 0.2352 | 0.9343 | 3.0332 | 220.1308 | 6.3720 | 38.5331 | 50.5247 | 0.1076 |
| 05/10/2017 | 95.3039 | 0.5892 | 0.2015 | 0.7907 | 2.8957 | 220.1308 | 5.7161 | 38.4976 | 50.5139 | 0.1101 |
| 06/10/2017 | 95.0913 | 0.5904 | 0.2080 | 0.7984 | 3.2016 | 220.1308 | 4.8801 | 38.6890 | 50.6977 | 0.1170 |
| 07/10/2017 | 95.0651 | 0.6914 | 0.2225 | 0.9140 | 2.8089 | 220.1308 | 4.6692 | 38.3494 | 50.3308 | 0.1176 |
| 08/10/2017 | 95.9635 | 0.7227 | 0.2475 | 0.9702 | 2.4591 | 220.1308 | 7.1979 | 38.2824 | 50.3595 | 0.1369 |
| 09/10/2017 | 95.5984 | 0.6199 | 0.2041 | 0.8240 | 2.5584 | 229.2239 | 6.3962 | 38.2866 | 50.3204 | 0.1329 |
| 10/10/2017 | 95.4590 | 0.5639 | 0.1993 | 0.7632 | 2.8404 | 218.5704 | 5.8590 | 38.4758 | 50.4866 | 0.1201 |
| 11/10/2017 | 95.4536 | 0.6050 | 0.2032 | 0.8082 | 2.6021 | 218.5704 | 5.7147 | 38.2988 | 50.3375 | 0.1237 |
| 12/10/2017 | 95.6912 | 0.7877 | 0.2770 | 1.0647 | 2.6530 | 221.6381 | 7.3291 | 38.2807 | 50.2954 | 0.2277 |
| 13/10/2017 | 95.5159 | 0.7338 | 0.2647 | 0.9984 | 2.7986 | 220.6092 | 6.5351 | 38.3377 | 50.3284 | 0.3836 |
| 14/10/2017 | 95.3762 | 0.6307 | 0.2244 | 0.8551 | 2.8115 | 219.9152 | 5.4135 | 38.3671 | 50.3393 | 0.1972 |
| 15/10/2017 | 94.9517 | 0.6496 | 0.2476 | 0.8972 | 3.0987 | 219.5228 | 5.0870 | 38.5267 | 50.5018 | 0.2860 |
| 16/10/2017 | 94.9922 | 0.6960 | 0.2422 | 0.9383 | 2.8678 | 222.8997 | 5.1662 | 38.5125 | 50.4672 | 0.2708 |
| 17/10/2017 | 95.4755 | 0.6749 | 0.2353 | 0.9102 | 2.7421 | 234.5439 | 6.5414 | 38.4578 | 50.4531 | 0.1776 |
| 18/10/2017 | 95.5986 | 0.6803 | 0.2688 | 0.9491 | 2.5514 | 234.5439 | 6.2956 | 38.2585 | 50.2695 | 0.1849 |
| 19/10/2017 | 95.6102 | 0.7029 | 0.3018 | 1.0048 | 2.5951 | 222.3433 | 7.4282 | 38.3124 | 50.3160 | 0.1528 |
| 20/10/2017 | 95.1865 | 0.6475 | 0.2676 | 0.9150 | 2.7980 | 220.8769 | 6.6981 | 38.4030 | 50.3871 | 0.1385 |
| 21/10/2017 | 95.5198 | 0.6792 | 0.2556 | 0.9347 | 2.7653 | 220.8769 | 6.0556 | 38.5073 | 50.5018 | 0.1584 |
| 22/10/2017 | 95.6506 | 0.6918 | 0.2628 | 0.9546 | 2.6296 | 220.8769 | 5.9833 | 38.4337 | 50.4568 | 0.1477 |
| 23/10/2017 | 95.3829 | 0.6576 | 0.2598 | 0.9174 | 2.8119 | 220.8769 | 5.0727 | 38.5257 | 50.5222 | 0.1448 |
| 24/10/2017 | 95.3916 | 0.6920 | 0.2554 | 0.9474 | 2.8402 | 220.8769 | 5.1522 | 38.5500 | 50.5124 | 0.1530 |
| 25/10/2017 | 95.4486 | 0.7497 | 0.2762 | 1.0259 | 2.7900 | 220.8769 | 5.1868 | 38.3855 | 50.3384 | 0.1720 |
| 26/10/2017 | 95.3218 | 0.7791 | 0.2807 | 1.0598 | 2.5301 | 220.8769 | 5.6102 | 38.2814 | 50.2792 | 0.1266 |
| 27/10/2017 | 95.7999 | 0.7915 | 0.2557 | 1.0472 | 2.4695 | 220.8769 | 6.2463 | 38.2505 | 50.2717 | 0.1206 |
| 28/10/2017 | 95.6451 | 0.8814 | 0.2817 | 1.1632 | 2.5617 | 220.8769 | 6.4416 | 38.1960 | 50.1578 | 0.1836 |
| 29/10/2017 | 95.1471 | 0.8017 | 0.2468 | 1.0485 | 2.6430 | 220.8769 | 5.0199 | 38.2768 | 50.2374 | 0.1738 |
| 30/10/2017 | 95.2811 | 0.7421 | 0.2265 | 0.9685 | 2.9606 | 220.8769 | 4.3215 | 38.5663 | 50.5019 | 0.1415 |
| 31/10/2017 | 95.2022 | 0.6866 | 0.2131 | 0.8997 | 2.9490 | 220.8769 | 4.3340 | 38.6021 | 50.5100 | 0.1203 |
| Mínimo | 94.8581 | 0.5639 | 0.1993 | 0.7632 | 2.4591 | 218.5704 | 4.3215 | 38.1960 | 50.1578 | 0.1076 |

Observaciones:



INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación Tamazunchale - DMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/10/2017 | 95.0838 | 0.6607 | 0.2910 | 0.9517 | 3.3004 | 235.1958 | 19.0872 | 38.8125 | 50.7037 | 0.3598 | | |
| 02/10/2017 | 95.3096 | 0.6752 | 0.2684 | 0.9436 | 3.1510 | 235.6059 | 21.3425 | 38.7281 | 50.6563 | 0.3427 | | |
| 03/10/2017 | 94.9650 | 0.5975 | 0.2195 | 0.8170 | 3.3730 | 234.8133 | 19.1553 | 38.9979 | 50.8849 | 0.3487 | | |
| 04/10/2017 | 95.1673 | 0.6894 | 0.2507 | 0.9401 | 3.3217 | 232.1094 | 20.2228 | 38.7605 | 50.6731 | 0.4194 | | |
| 05/10/2017 | 95.6203 | 0.7163 | 0.2486 | 0.9649 | 3.0468 | 229.3785 | 22.1428 | 38.5427 | 50.5322 | 0.4001 | | |
| 06/10/2017 | 95.5516 | 0.6344 | 0.2207 | 0.8551 | 3.1494 | 224.1030 | 20.1309 | 38.6613 | 50.6696 | 0.4064 | | |
| 07/10/2017 | 95.3118 | 0.6689 | 0.2252 | 0.8941 | 3.3552 | 222.7017 | 16.9543 | 38.7003 | 50.6656 | 0.0000 | | |
| 08/10/2017 | 95.9131 | 0.8048 | 0.2593 | 1.0641 | 2.7735 | 231.3406 | 20.4570 | 38.3513 | 50.3565 | 0.0000 | | |
| 09/10/2017 | 96.0474 | 0.7386 | 0.2368 | 0.9755 | 2.6706 | 239.6971 | 24.9329 | 38.3955 | 50.4381 | 0.5472 | | |
| 10/10/2017 | 95.6751 | 0.6314 | 0.2168 | 0.8481 | 3.0295 | 237.7407 | 21.3010 | 38.6332 | 50.6575 | 0.0000 | | |
| 11/10/2017 | 95.6262 | 0.6679 | 0.2148 | 0.8827 | 3.0696 | 238.2596 | 20.6454 | 38.6144 | 50.6222 | 0.0000 | | |
| 12/10/2017 | 95.9750 | 0.7976 | 0.2730 | 1.0706 | 2.7134 | 244.2838 | 24.6925 | 38.3291 | 50.3426 | 0.2618 | | |
| 13/10/2017 | 95.8224 | 0.7949 | 0.2847 | 1.0796 | 2.8305 | 243.7335 | 23.5550 | 38.3778 | 50.3668 | 0.6150 | | |
| 14/10/2017 | 95.6490 | 0.7911 | 0.2737 | 1.0648 | 2.9545 | 243.1130 | 22.4100 | 38.4594 | 50.4209 | 0.5851 | | |
| 15/10/2017 | 95.4807 | 0.6828 | 0.2517 | 0.9345 | 3.1642 | 237.9114 | 20.0097 | 38.6219 | 50.5991 | 0.5238 | | |
| 16/10/2017 | 95.3376 | 0.7634 | 0.2580 | 1.0215 | 3.1641 | 240.4632 | 19.5130 | 38.6242 | 50.5409 | 0.5148 | | |
| 17/10/2017 | 95.6092 | 0.7208 | 0.2448 | 0.9656 | 2.9204 | 245.9358 | 22.1649 | 38.5961 | 50.5605 | 0.3370 | | |
| 18/10/2017 | 95.8058 | 0.7391 | 0.2738 | 1.0129 | 2.7700 | 243.5183 | 22.8389 | 38.4757 | 50.4662 | 0.4028 | | |
| 19/10/2017 | 95.9516 | 0.7662 | 0.3104 | 1.0766 | 2.6632 | 244.3661 | 25.6539 | 38.3577 | 50.3633 | 0.2487 | | |
| 20/10/2017 | 95.6242 | 0.7065 | 0.3215 | 1.0281 | 2.9210 | 244.3292 | 25.5047 | 38.5242 | 50.4946 | 0.3354 | | |
| 21/10/2017 | 95.6667 | 0.7078 | 0.2670 | 0.9747 | 2.8941 | 240.1753 | 23.0102 | 38.5572 | 50.5375 | 0.4110 | | |
| 22/10/2017 | 95.7682 | 0.7018 | 0.2711 | 0.9729 | 2.7860 | 241.0442 | 22.1351 | 38.5339 | 50.5264 | 0.4044 | | |
| 23/10/2017 | 95.6808 | 0.6960 | 0.2665 | 0.9625 | 2.8828 | 243.1859 | 21.5048 | 38.5648 | 50.5502 | 0.4116 | | |
| 24/10/2017 | 95.5325 | 0.7031 | 0.2628 | 0.9659 | 2.9850 | 243.2614 | 20.0019 | 38.6198 | 50.5781 | 0.3704 | | |
| 25/10/2017 | 95.5501 | 0.7707 | 0.2771 | 1.0478 | 2.9533 | 243.8251 | 20.3454 | 38.5400 | 50.4791 | 0.4702 | | |
| 26/10/2017 | 95.6611 | 0.8402 | 0.2934 | 1.1336 | 2.8545 | 239.7777 | 21.8900 | 38.4179 | 50.3537 | 0.5941 | | |
| 27/10/2017 | 95.9171 | 0.8592 | 0.2878 | 1.1470 | 2.6338 | 240.6920 | 23.3454 | 38.3166 | 50.2852 | 0.6032 | | |
| 28/10/2017 | 95.9030 | 0.8880 | 0.2790 | 1.1670 | 2.6407 | 235.4830 | 23.1608 | 38.3029 | 50.2614 | 0.5970 | | |
| 29/10/2017 | 95.8197 | 0.8840 | 0.2782 | 1.1622 | 2.7265 | 239.8576 | 23.5262 | 38.3306 | 50.2804 | 0.6000 | | |
| 30/10/2017 | 95.3686 | 0.8040 | 0.2454 | 1.0494 | 3.0976 | 239.2127 | 20.0890 | 38.6045 | 50.5070 | 0.5948 | | |
| 31/10/2017 | 95.3782 | 0.7675 | 0.2269 | 0.9944 | 3.0791 | 240.1039 | 17.6853 | 38.6613 | 50.5730 | 0.5145 | | |

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

| | | | | | | | | | | | | |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|--|--|
| Mínimo | 94.9650 | 0.5975 | 0.2148 | 0.8170 | 2.6338 | 222.7017 | 16.9543 | 38.3029 | 50.2614 | 0.0000 | | |
| Promedio | 95.6056 | 0.7377 | 0.2612 | 0.9990 | 2.9637 | 238.5554 | 21.5938 | 38.5488 | 50.5144 | 0.3942 | | |
| Máximo | 96.0474 | 0.8880 | 0.3215 | 1.1670 | 3.3730 | 245.9358 | 25.6539 | 38.9979 | 50.8849 | 0.6150 | | |
| Dev. Est. | 0.268711139 | 0.074070316 | 0.027220172 | 0.090952763 | 0.217933621 | 5.787713438 | 2.156091338 | 0.163267084 | 0.14515209 | 0.186420908 | | |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



| | |
|---------------------------|--|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación Tamazunchale - DMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|
| 01/10/2017 | 95.4570 | 0.7522 | 0.3164 | 1.0686 | 3.4778 | 238.4906 | 21.4016 | 38.8875 | 50.7188 | 0.5503 |
| 02/10/2017 | 95.4740 | 0.6979 | 0.2968 | 0.9947 | 3.4386 | 238.8269 | 22.0933 | 39.0225 | 50.8891 | 0.4683 |
| 03/10/2017 | 95.3084 | 0.6513 | 0.2518 | 0.9032 | 3.4419 | 237.3269 | 20.7694 | 39.1081 | 50.9843 | 0.5176 |
| 04/10/2017 | 95.5073 | 0.7256 | 0.2701 | 0.9957 | 3.3921 | 239.2870 | 20.8219 | 38.8340 | 50.7165 | 0.5205 |
| 05/10/2017 | 95.6901 | 0.7446 | 0.2602 | 1.0047 | 3.0989 | 239.9038 | 23.0804 | 38.5641 | 50.5321 | 0.5350 |
| 06/10/2017 | 95.8085 | 0.7193 | 0.2597 | 0.9790 | 3.3480 | 227.7629 | 22.0787 | 38.7783 | 50.7659 | 0.5027 |
| 07/10/2017 | 95.5151 | 0.8052 | 0.2497 | 1.0549 | 3.5445 | 227.9442 | 18.2084 | 38.7568 | 50.6942 | 0.2806 |
| 08/10/2017 | 96.3203 | 0.8934 | 0.2713 | 1.1647 | 3.1272 | 241.5361 | 23.8481 | 38.4395 | 50.3857 | 0.8470 |
| 09/10/2017 | 96.3162 | 0.8081 | 0.2529 | 1.0609 | 3.0785 | 244.4941 | 26.9363 | 38.6621 | 50.6900 | 0.7312 |
| 10/10/2017 | 95.8550 | 0.7223 | 0.2464 | 0.9687 | 3.1278 | 243.1082 | 22.4911 | 38.7255 | 50.7524 | 0.3986 |
| 11/10/2017 | 95.9173 | 0.8434 | 0.2636 | 1.1070 | 3.2141 | 244.6607 | 23.8424 | 38.7335 | 50.7412 | 0.0000 |
| 12/10/2017 | 96.1754 | 0.8339 | 0.2908 | 1.1246 | 2.8286 | 247.0410 | 25.9218 | 38.4452 | 50.4504 | 0.7001 |
| 13/10/2017 | 95.9383 | 0.8409 | 0.3007 | 1.1417 | 2.9624 | 245.7714 | 25.2923 | 38.4572 | 50.4280 | 0.7491 |
| 14/10/2017 | 95.8704 | 0.8795 | 0.2982 | 1.1777 | 3.1687 | 244.9736 | 23.4157 | 38.6543 | 50.6239 | 0.7707 |
| 15/10/2017 | 95.6100 | 0.7708 | 0.2768 | 1.0477 | 3.2776 | 240.9036 | 20.7000 | 38.7073 | 50.6874 | 0.6610 |
| 16/10/2017 | 95.6865 | 0.7960 | 0.2751 | 1.0710 | 3.4719 | 247.4538 | 21.4203 | 38.7031 | 50.5590 | 0.7267 |
| 17/10/2017 | 95.8222 | 0.7502 | 0.2624 | 1.0126 | 3.1564 | 248.1045 | 23.0918 | 38.6926 | 50.6051 | 0.4596 |
| 18/10/2017 | 96.0085 | 0.8131 | 0.2999 | 1.1130 | 2.9111 | 245.7049 | 24.0749 | 38.6061 | 50.5805 | 0.5604 |
| 19/10/2017 | 96.1090 | 0.8262 | 0.3299 | 1.1561 | 2.7819 | 246.4646 | 26.9208 | 38.4287 | 50.4234 | 0.5799 |
| 20/10/2017 | 95.7969 | 0.7657 | 0.3498 | 1.1156 | 3.2314 | 248.2331 | 27.2005 | 38.7662 | 50.6889 | 0.4645 |
| 21/10/2017 | 95.8114 | 0.7362 | 0.2886 | 1.0248 | 2.9955 | 244.6238 | 24.1478 | 38.6330 | 50.5994 | 0.5290 |
| 22/10/2017 | 96.0095 | 0.7269 | 0.2771 | 1.0040 | 2.9092 | 244.4368 | 22.6705 | 38.6070 | 50.5735 | 0.5398 |
| 23/10/2017 | 95.8948 | 0.7375 | 0.2773 | 1.0147 | 3.1352 | 244.7763 | 22.3600 | 38.6917 | 50.6490 | 0.4997 |
| 24/10/2017 | 95.6878 | 0.7584 | 0.2744 | 1.0327 | 3.1022 | 245.9716 | 21.0952 | 38.6660 | 50.6117 | 0.4942 |
| 25/10/2017 | 95.7244 | 0.8467 | 0.3010 | 1.1477 | 3.0246 | 248.3308 | 21.9650 | 38.5840 | 50.4916 | 0.5785 |
| 26/10/2017 | 95.7645 | 0.9369 | 0.3022 | 1.2391 | 3.0654 | 245.4093 | 22.6055 | 38.5146 | 50.4131 | 0.7172 |
| 27/10/2017 | 96.1629 | 0.9280 | 0.3013 | 1.2293 | 2.8506 | 242.7674 | 24.0884 | 38.4361 | 50.3911 | 0.7535 |
| 28/10/2017 | 96.0054 | 0.9391 | 0.3059 | 1.2450 | 2.7619 | 242.0110 | 23.8218 | 38.3371 | 50.2650 | 0.7274 |
| 29/10/2017 | 95.9983 | 0.9438 | 0.2989 | 1.2427 | 3.0456 | 242.7649 | 24.4517 | 38.5464 | 50.4554 | 0.7555 |
| 30/10/2017 | 95.5630 | 0.8629 | 0.2595 | 1.1224 | 3.2542 | 242.2642 | 20.6970 | 38.6678 | 50.5424 | 0.9011 |
| 31/10/2017 | 95.5133 | 0.8208 | 0.2394 | 1.0602 | 3.1647 | 243.9752 | 19.4839 | 38.7686 | 50.6606 | 0.7006 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|
| Máximo | 96.3203 | 0.9438 | 0.3498 | 1.2450 | 3.5445 | 248.3308 | 27.2005 | 39.1081 | 50.9843 | 0.9011 |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación Tamazunchale - DMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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 Sulhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|--|
| 01/10/2017 | 94.8295 | 0.6160 | 0.2554 | 0.8714 | 3.0146 | 230.0392 | 16.1093 | 38.6675 | 50.6183 | 0.1972 |
| 02/10/2017 | 94.8625 | 0.6034 | 0.2315 | 0.8349 | 3.0280 | 234.0128 | 20.6611 | 38.6401 | 50.5951 | 0.1017 |
| 03/10/2017 | 94.8502 | 0.5552 | 0.2020 | 0.7571 | 3.1520 | 231.5563 | 17.6756 | 38.7826 | 50.7209 | 0.2268 |
| 04/10/2017 | 95.0141 | 0.6384 | 0.2328 | 0.8712 | 3.1209 | 222.2590 | 19.5360 | 38.5942 | 50.5609 | 0.2872 |
| 05/10/2017 | 95.5425 | 0.6812 | 0.2363 | 0.9176 | 2.9948 | 222.2987 | 20.8577 | 38.5286 | 50.5370 | 0.2493 |
| 06/10/2017 | 95.3483 | 0.5845 | 0.1961 | 0.7806 | 2.8837 | 221.8417 | 17.8717 | 38.4951 | 50.5156 | 0.2319 |
| 07/10/2017 | 95.1160 | 0.5881 | 0.2175 | 0.8056 | 3.2033 | 219.9679 | 14.8049 | 38.5150 | 50.4720 | 0.0000 |
| 08/10/2017 | 95.5522 | 0.7203 | 0.2506 | 0.9709 | 2.4492 | 220.2117 | 15.8653 | 38.2989 | 50.3876 | 0.0000 |
| 09/10/2017 | 95.6473 | 0.6165 | 0.1988 | 0.8153 | 2.4471 | 234.1017 | 22.0678 | 38.2822 | 50.3625 | 0.3404 |
| 10/10/2017 | 95.5838 | 0.5609 | 0.2023 | 0.7632 | 2.8199 | 233.7387 | 19.8805 | 38.4712 | 50.4882 | 0.0000 |
| 11/10/2017 | 95.4831 | 0.5875 | 0.1928 | 0.7803 | 2.7340 | 233.8940 | 18.9448 | 38.3220 | 50.3146 | 0.0000 |
| 12/10/2017 | 95.8412 | 0.7502 | 0.2485 | 0.9987 | 2.5517 | 242.0208 | 23.9381 | 38.2793 | 50.3241 | 0.0000 |
| 13/10/2017 | 95.6710 | 0.7244 | 0.2606 | 0.9850 | 2.7182 | 242.4545 | 22.3747 | 38.3257 | 50.3282 | 0.5172 |
| 14/10/2017 | 95.4557 | 0.6378 | 0.2222 | 0.8600 | 2.7830 | 241.2586 | 20.3094 | 38.3525 | 50.3473 | 0.3475 |
| 15/10/2017 | 95.3574 | 0.6293 | 0.2297 | 0.8590 | 3.0840 | 235.2139 | 19.7216 | 38.5255 | 50.5087 | 0.3905 |
| 16/10/2017 | 94.9926 | 0.7101 | 0.2405 | 0.9506 | 2.8330 | 235.9410 | 18.6335 | 38.5095 | 50.4697 | 0.3041 |
| 17/10/2017 | 95.3087 | 0.6700 | 0.2295 | 0.8995 | 2.7583 | 244.1070 | 21.2948 | 38.4844 | 50.4784 | 0.2367 |
| 18/10/2017 | 95.6258 | 0.6794 | 0.2595 | 0.9389 | 2.6314 | 241.0730 | 22.1234 | 38.2949 | 50.2997 | 0.2720 |
| 19/10/2017 | 95.8185 | 0.7251 | 0.2896 | 1.0148 | 2.5339 | 241.1162 | 24.4871 | 38.2631 | 50.2799 | 0.0000 |
| 20/10/2017 | 95.2225 | 0.6387 | 0.2760 | 0.9147 | 2.7685 | 242.1997 | 23.1246 | 38.3997 | 50.3874 | 0.1091 |
| 21/10/2017 | 95.5254 | 0.6782 | 0.2516 | 0.9298 | 2.7591 | 228.0715 | 21.7323 | 38.5005 | 50.4969 | 0.2596 |
| 22/10/2017 | 95.6337 | 0.6789 | 0.2645 | 0.9434 | 2.6103 | 236.1863 | 21.6276 | 38.4304 | 50.4599 | 0.3165 |
| 23/10/2017 | 95.4003 | 0.6490 | 0.2565 | 0.9055 | 2.7156 | 240.3442 | 20.3635 | 38.4550 | 50.4674 | 0.3437 |
| 24/10/2017 | 95.4199 | 0.6743 | 0.2516 | 0.9260 | 2.8241 | 239.6802 | 19.0824 | 38.5446 | 50.5137 | 0.1689 |
| 25/10/2017 | 95.4306 | 0.7329 | 0.2563 | 0.9891 | 2.8068 | 239.8277 | 19.4988 | 38.3909 | 50.3344 | 0.3168 |
| 26/10/2017 | 95.3915 | 0.7838 | 0.2794 | 1.0632 | 2.7829 | 231.3441 | 21.2672 | 38.3212 | 50.2549 | 0.4536 |
| 27/10/2017 | 95.6854 | 0.7753 | 0.2655 | 1.0408 | 2.4562 | 237.7971 | 22.0780 | 38.2378 | 50.2502 | 0.4818 |
| 28/10/2017 | 95.7263 | 0.8657 | 0.2434 | 1.1090 | 2.5467 | 231.3872 | 22.5152 | 38.2587 | 50.2322 | 0.5021 |
| 29/10/2017 | 95.4414 | 0.8067 | 0.2455 | 1.0522 | 2.5905 | 238.1375 | 20.8700 | 38.2075 | 50.1729 | 0.4377 |
| 30/10/2017 | 95.1797 | 0.7595 | 0.2279 | 0.9874 | 2.9573 | 234.9332 | 19.3775 | 38.5437 | 50.4818 | 0.4045 |
| 31/10/2017 | 95.2482 | 0.7309 | 0.2088 | 0.9397 | 2.9277 | 234.6507 | 16.8846 | 38.5894 | 50.5074 | 0.3300 |
| Mínimo | 94.8295 | 0.5552 | 0.1928 | 0.7571 | 2.4471 | 219.9679 | 14.8049 | 38.2075 | 50.1729 | 0.0000 |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación El Sauz - DMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/10/2017 | 94.2714 | 0.6134 | 0.2525 | 0.8659 | 3.8661 | 237.1874 | 20.2669 | 38.5295 | 50.0875 | 0.5049 | | |
| 02/10/2017 | 94.4223 | 0.6449 | 0.2570 | 0.9019 | 3.7200 | 238.9360 | 19.3799 | 38.4516 | 50.0201 | 0.4733 | | |
| 03/10/2017 | 95.0849 | 0.6689 | 0.3166 | 0.9855 | 3.2844 | 238.1762 | 21.1241 | 38.1019 | 49.7800 | 0.4484 | | |
| 04/10/2017 | 94.7630 | 0.5899 | 0.2348 | 0.8246 | 3.4925 | 237.5776 | 24.2138 | 38.3914 | 50.0338 | 0.4111 | | |
| 05/10/2017 | 94.7792 | 0.5797 | 0.2314 | 0.8111 | 3.4850 | 237.5707 | 23.3623 | 38.3968 | 50.0454 | 0.3877 | | |
| 06/10/2017 | 95.0779 | 0.6480 | 0.2593 | 0.9073 | 3.3070 | 237.5428 | 22.9019 | 38.1740 | 49.8609 | 0.4355 | | |
| 07/10/2017 | 95.1856 | 0.6903 | 0.2789 | 0.9692 | 3.2936 | 238.0493 | 23.3333 | 38.0494 | 49.7529 | 0.4481 | | |
| 08/10/2017 | 95.2962 | 0.6553 | 0.2456 | 0.9009 | 3.3462 | 236.5250 | 23.5828 | 38.0269 | 49.7797 | 0.4921 | | |
| 09/10/2017 | 95.5873 | 0.8128 | 0.2827 | 1.0955 | 3.0379 | 236.1932 | 21.6108 | 37.7581 | 49.5023 | 0.6062 | | |
| 10/10/2017 | 96.0293 | 0.7410 | 0.2685 | 1.0095 | 2.6651 | 239.6655 | 26.0950 | 37.7002 | 49.5248 | 0.5047 | | |
| 11/10/2017 | 95.5501 | 0.6148 | 0.2341 | 0.8489 | 3.1231 | 236.8378 | 27.0269 | 37.9997 | 49.7971 | 0.4731 | | |
| 12/10/2017 | 95.5287 | 0.6579 | 0.2368 | 0.8947 | 3.1374 | 237.5951 | 25.0291 | 37.9616 | 49.7449 | 0.4827 | | |
| 13/10/2017 | 95.7745 | 0.7645 | 0.2816 | 1.0461 | 2.8718 | 240.2820 | 24.7152 | 37.7508 | 49.5316 | 0.4900 | | |
| 14/10/2017 | 95.7445 | 0.8079 | 0.3131 | 1.1210 | 2.8657 | 240.8291 | 28.2344 | 37.6991 | 49.4582 | 0.5275 | | |
| 15/10/2017 | 95.5767 | 0.7993 | 0.3117 | 1.1109 | 2.9897 | 241.5557 | 27.1437 | 37.7716 | 49.5060 | 0.5153 | | |
| 16/10/2017 | 95.3666 | 0.6889 | 0.2799 | 0.9689 | 3.2339 | 238.2647 | 24.5066 | 37.9564 | 49.7011 | 0.4995 | | |
| 17/10/2017 | 95.2203 | 0.7660 | 0.2844 | 1.0503 | 3.2270 | 239.8717 | 23.0672 | 37.9695 | 49.6533 | 0.4954 | | |
| 18/10/2017 | 95.5139 | 0.7145 | 0.2678 | 0.9823 | 2.9680 | 243.8505 | 25.0288 | 37.9455 | 49.6822 | 0.0000 | | |
| 19/10/2017 | 95.7221 | 0.7542 | 0.3040 | 1.0582 | 2.8166 | 241.7353 | 27.1900 | 37.7918 | 49.5516 | 0.7194 | | |
| 20/10/2017 | 95.7508 | 0.7420 | 0.3584 | 1.1004 | 2.7941 | 241.7957 | 30.0368 | 37.7415 | 49.5068 | 0.7085 | | |
| 21/10/2017 | 95.4856 | 0.7059 | 0.3581 | 1.0641 | 2.9973 | 240.9949 | 31.1702 | 37.8720 | 49.6058 | 0.6550 | | |
| 22/10/2017 | 95.5600 | 0.7095 | 0.2949 | 1.0045 | 2.9563 | 239.9457 | 28.2234 | 37.8960 | 49.6455 | 0.5845 | | |
| 23/10/2017 | 95.6487 | 0.7030 | 0.3012 | 1.0041 | 2.8557 | 240.6583 | 26.0921 | 37.8771 | 49.6363 | 0.6289 | | |
| 24/10/2017 | 95.6051 | 0.7007 | 0.2967 | 0.9974 | 2.9166 | 240.9448 | 25.6614 | 37.8890 | 49.6467 | 0.6656 | | |
| 25/10/2017 | 95.3605 | 0.6917 | 0.2955 | 0.9872 | 3.1157 | 240.5228 | 24.7810 | 37.9823 | 49.7064 | 0.5459 | | |
| 26/10/2017 | 95.4693 | 0.7239 | 0.2868 | 1.0107 | 2.9968 | 243.6018 | 23.8036 | 37.9340 | 49.6607 | 0.4721 | | |
| 27/10/2017 | 95.4492 | 0.7805 | 0.3116 | 1.0920 | 3.0062 | 241.8396 | 23.8977 | 37.8652 | 49.5718 | 0.8095 | | |
| 28/10/2017 | 95.5240 | 0.8249 | 0.3302 | 1.1551 | 2.9354 | 241.0453 | 23.9939 | 37.7780 | 49.4835 | 0.8383 | | |
| 29/10/2017 | 95.8016 | 0.8583 | 0.3226 | 1.1809 | 2.7042 | 240.2974 | 25.4199 | 37.6587 | 49.3960 | 0.7688 | | |
| 30/10/2017 | 95.7905 | 0.9131 | 0.3238 | 1.2369 | 2.7050 | 238.5301 | 26.6438 | 37.6095 | 49.3299 | 0.4790 | | |
| 31/10/2017 | 95.5084 | 0.8623 | 0.2958 | 1.1582 | 2.9571 | 237.2844 | 26.9228 | 37.7785 | 49.4736 | 0.5128 | | |

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

| | | | | | | | | | | | | |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|--|--|
| Mínimo | 94.2714 | 0.5797 | 0.2314 | 0.8111 | 2.6651 | 236.1932 | 19.3799 | 37.6095 | 49.3299 | 0.0000 | | |
| Promedio | 95.4016 | 0.7235 | 0.2876 | 1.0111 | 3.0862 | 239.5389 | 24.9826 | 37.9454 | 49.6670 | 0.5350 | | |
| Máximo | 96.0293 | 0.9131 | 0.3584 | 1.2369 | 3.8661 | 243.8505 | 31.1702 | 38.5295 | 50.0875 | 0.8383 | | |
| Dev. Est. | 0.400031742 | 0.082455741 | 0.034062226 | 0.108034033 | 0.287882789 | 2.055847807 | 2.632757595 | 0.235355985 | 0.193457841 | 0.15375057 | | |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación El Sauz - DMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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 Sulhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 01/10/2017 | 94.4179 | 0.6740 | 0.2691 | 0.9431 | 3.9725 | 238.0823 | 20.7442 | 38.7585 | 50.2872 | 0.6975 |
| 02/10/2017 | 94.8508 | 0.7625 | 0.2939 | 1.0564 | 3.9467 | 239.9014 | 19.9143 | 38.6974 | 50.2137 | 0.6077 |
| 03/10/2017 | 95.3448 | 0.6970 | 0.3512 | 1.0482 | 3.5163 | 239.2980 | 24.1708 | 38.2279 | 49.8651 | 0.6118 |
| 04/10/2017 | 94.8324 | 0.6120 | 0.2548 | 0.8668 | 3.5217 | 238.4333 | 25.9131 | 38.4611 | 50.1037 | 0.4856 |
| 05/10/2017 | 94.8126 | 0.6018 | 0.2401 | 0.8418 | 3.5096 | 238.4246 | 23.8528 | 38.4390 | 50.0841 | 0.4394 |
| 06/10/2017 | 95.2169 | 0.6640 | 0.2818 | 0.9458 | 3.3980 | 238.7380 | 23.4180 | 38.2296 | 49.8950 | 0.5526 |
| 07/10/2017 | 95.5799 | 0.7451 | 0.3028 | 1.0479 | 3.4622 | 239.1550 | 23.6544 | 38.1758 | 49.8270 | 0.5537 |
| 08/10/2017 | 95.6990 | 0.7281 | 0.2762 | 1.0044 | 3.6152 | 239.3064 | 24.0809 | 38.0940 | 49.8038 | 0.5712 |
| 09/10/2017 | 96.0977 | 0.8970 | 0.3011 | 1.1981 | 3.5898 | 239.7262 | 25.0588 | 38.0524 | 49.7495 | 0.8490 |
| 10/10/2017 | 96.2253 | 0.8013 | 0.2847 | 1.0860 | 3.1387 | 241.3897 | 29.2664 | 37.9941 | 49.7912 | 0.5844 |
| 11/10/2017 | 95.7537 | 0.7250 | 0.2738 | 0.9988 | 3.2020 | 239.3128 | 29.2292 | 38.0663 | 49.8613 | 0.7846 |
| 12/10/2017 | 95.7418 | 0.7249 | 0.2682 | 0.9930 | 3.2911 | 240.4590 | 25.2852 | 38.0800 | 49.8647 | 0.6802 |
| 13/10/2017 | 96.0035 | 0.8440 | 0.3211 | 1.1650 | 3.2683 | 242.3420 | 26.6041 | 38.0456 | 49.8163 | 0.7017 |
| 14/10/2017 | 95.9111 | 0.8457 | 0.3303 | 1.1760 | 3.0188 | 244.3062 | 28.6939 | 37.7939 | 49.5334 | 0.6783 |
| 15/10/2017 | 95.7586 | 0.8768 | 0.3351 | 1.2120 | 3.1793 | 244.9006 | 28.0651 | 37.9917 | 49.7431 | 0.7252 |
| 16/10/2017 | 95.4997 | 0.7679 | 0.3090 | 1.0768 | 3.3265 | 240.4072 | 26.5587 | 38.0463 | 49.7971 | 0.7221 |
| 17/10/2017 | 95.5882 | 0.8005 | 0.3062 | 1.1067 | 3.5484 | 245.9118 | 23.7492 | 38.0421 | 49.6667 | 0.7462 |
| 18/10/2017 | 95.6991 | 0.7465 | 0.2848 | 1.0313 | 3.2260 | 246.5504 | 26.3940 | 38.0345 | 49.7116 | 0.9267 |
| 19/10/2017 | 95.9881 | 0.8235 | 0.3341 | 1.1576 | 2.9576 | 243.5500 | 27.8948 | 37.9391 | 49.6860 | 0.9456 |
| 20/10/2017 | 95.9156 | 0.8047 | 0.3731 | 1.1778 | 2.9203 | 242.6520 | 30.7212 | 37.8415 | 49.5885 | 1.2216 |
| 21/10/2017 | 95.6840 | 0.7679 | 0.3917 | 1.1596 | 3.3003 | 242.4988 | 31.7411 | 38.1048 | 49.7937 | 0.9543 |
| 22/10/2017 | 95.7217 | 0.7397 | 0.3177 | 1.0573 | 3.0521 | 241.3278 | 29.9109 | 37.9729 | 49.7120 | 0.7465 |
| 23/10/2017 | 95.9039 | 0.7279 | 0.3077 | 1.0356 | 2.9696 | 241.7399 | 27.0355 | 37.9478 | 49.6826 | 0.9185 |
| 24/10/2017 | 95.7895 | 0.7404 | 0.3086 | 1.0490 | 3.0903 | 242.0072 | 25.9355 | 38.0302 | 49.7637 | 0.8892 |
| 25/10/2017 | 95.4470 | 0.7103 | 0.3057 | 1.0160 | 3.2072 | 242.7553 | 25.1308 | 38.0078 | 49.7214 | 0.6722 |
| 26/10/2017 | 95.5904 | 0.7598 | 0.2957 | 1.0555 | 3.1885 | 245.3520 | 24.2244 | 37.9832 | 49.6969 | 0.7998 |
| 27/10/2017 | 95.6150 | 0.8512 | 0.3354 | 1.1865 | 3.0778 | 245.4766 | 24.2199 | 37.9181 | 49.6034 | 0.9342 |
| 28/10/2017 | 95.6940 | 0.9424 | 0.3378 | 1.2802 | 3.1121 | 244.1618 | 24.7057 | 37.8591 | 49.5294 | 1.0062 |
| 29/10/2017 | 96.0798 | 0.9309 | 0.3362 | 1.2671 | 2.9096 | 241.9404 | 26.7038 | 37.7700 | 49.4942 | 0.9627 |
| 30/10/2017 | 95.9230 | 0.9569 | 0.3433 | 1.3002 | 2.8889 | 240.5277 | 26.7660 | 37.6656 | 49.3483 | 0.3313 |
| 31/10/2017 | 95.8385 | 0.9102 | 0.3285 | 1.2386 | 3.3280 | 238.9253 | 27.4344 | 38.0027 | 49.6452 | 0.5748 |
| Máximo | 96.2253 | 0.9569 | 0.3917 | 1.3002 | 3.9725 | 246.5504 | 31.7411 | 38.7585 | 50.2872 | 1.2216 |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación El Sauz - DMS |
| ZONA DE MEDICIÓN: | <u>RESTO DEL PAÍS</u> |

| 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 Sulhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|--|
| 01/10/2017 | 94.0503 | 0.5131 | 0.2211 | 0.7341 | 3.7906 | 236.1106 | 19.7524 | 38.4034 | 49.9825 | 0.3978 |
| 02/10/2017 | 94.0463 | 0.5730 | 0.2282 | 0.8012 | 3.4809 | 237.6864 | 18.9355 | 38.1345 | 49.7597 | 0.3860 |
| 03/10/2017 | 94.8041 | 0.6206 | 0.2837 | 0.9043 | 3.0962 | 237.3447 | 18.9784 | 37.9803 | 49.6971 | 0.3498 |
| 04/10/2017 | 94.7130 | 0.5522 | 0.2190 | 0.7711 | 3.4503 | 237.0231 | 23.8415 | 38.3663 | 50.0200 | 0.3623 |
| 05/10/2017 | 94.7384 | 0.5627 | 0.2233 | 0.7860 | 3.4626 | 237.1515 | 23.1497 | 38.3562 | 50.0074 | 0.3469 |
| 06/10/2017 | 94.9534 | 0.6334 | 0.2464 | 0.8798 | 3.2016 | 236.6492 | 22.4865 | 38.1071 | 49.8170 | 0.3468 |
| 07/10/2017 | 94.8923 | 0.6386 | 0.2570 | 0.8956 | 3.0542 | 236.3108 | 22.8682 | 37.8573 | 49.6258 | 0.3775 |
| 08/10/2017 | 95.0112 | 0.5997 | 0.2169 | 0.8165 | 2.9564 | 233.6180 | 22.6921 | 37.8294 | 49.6188 | 0.4163 |
| 09/10/2017 | 95.0174 | 0.7211 | 0.2409 | 0.9620 | 2.5905 | 233.0428 | 20.4439 | 37.6479 | 49.4781 | 0.4510 |
| 10/10/2017 | 95.5521 | 0.6234 | 0.2194 | 0.8427 | 2.5074 | 236.5905 | 22.3717 | 37.6218 | 49.4744 | 0.4115 |
| 11/10/2017 | 95.4778 | 0.5615 | 0.2230 | 0.7846 | 2.8802 | 235.7254 | 25.2948 | 37.8084 | 49.5949 | 0.3733 |
| 12/10/2017 | 95.3825 | 0.5894 | 0.2125 | 0.8020 | 2.8997 | 235.1465 | 24.7535 | 37.8234 | 49.6116 | 0.3776 |
| 13/10/2017 | 95.3858 | 0.6181 | 0.2194 | 0.8375 | 2.6757 | 236.7544 | 23.4501 | 37.6301 | 49.4342 | 0.3667 |
| 14/10/2017 | 95.5694 | 0.7302 | 0.2893 | 1.0195 | 2.7208 | 239.0697 | 26.8713 | 37.6200 | 49.3994 | 0.3641 |
| 15/10/2017 | 95.3946 | 0.6500 | 0.2437 | 0.8937 | 2.8447 | 238.8323 | 26.5975 | 37.6869 | 49.4525 | 0.3774 |
| 16/10/2017 | 95.2609 | 0.6314 | 0.2527 | 0.8841 | 3.1562 | 234.7124 | 23.5001 | 37.8668 | 49.6209 | 0.3707 |
| 17/10/2017 | 94.8657 | 0.7213 | 0.2673 | 0.9886 | 2.8989 | 235.6458 | 22.4290 | 37.8498 | 49.5804 | 0.3868 |
| 18/10/2017 | 95.1848 | 0.6709 | 0.2531 | 0.9240 | 2.8215 | 242.6330 | 23.8842 | 37.8369 | 49.5987 | 0.0000 |
| 19/10/2017 | 95.5286 | 0.6848 | 0.2849 | 0.9697 | 2.6072 | 240.4016 | 26.6429 | 37.5997 | 49.3811 | 0.5791 |
| 20/10/2017 | 95.5740 | 0.7006 | 0.3301 | 1.0307 | 2.6548 | 241.1811 | 28.3237 | 37.6396 | 49.4151 | 0.5141 |
| 21/10/2017 | 95.0987 | 0.6451 | 0.3047 | 0.9498 | 2.8307 | 238.6038 | 30.3123 | 37.7347 | 49.4895 | 0.5156 |
| 22/10/2017 | 95.4441 | 0.6814 | 0.2795 | 0.9609 | 2.8030 | 238.9618 | 26.9834 | 37.8384 | 49.6078 | 0.4424 |
| 23/10/2017 | 95.5187 | 0.6786 | 0.2936 | 0.9722 | 2.6702 | 239.6268 | 25.5473 | 37.7680 | 49.5657 | 0.4955 |
| 24/10/2017 | 95.3740 | 0.6530 | 0.2847 | 0.9377 | 2.7741 | 240.0222 | 25.1137 | 37.7935 | 49.5739 | 0.5110 |
| 25/10/2017 | 95.2804 | 0.6735 | 0.2817 | 0.9552 | 3.0130 | 239.6410 | 24.1479 | 37.9502 | 49.6883 | 0.3989 |
| 26/10/2017 | 95.2951 | 0.6900 | 0.2789 | 0.9689 | 2.8802 | 241.1171 | 23.5839 | 37.8835 | 49.6224 | 0.0000 |
| 27/10/2017 | 95.3513 | 0.7347 | 0.2944 | 1.0290 | 2.8601 | 239.4227 | 23.4319 | 37.7370 | 49.4497 | 0.7095 |
| 28/10/2017 | 95.2853 | 0.7787 | 0.3215 | 1.1002 | 2.8152 | 238.7002 | 23.3938 | 37.6640 | 49.3806 | 0.6244 |
| 29/10/2017 | 95.5878 | 0.7797 | 0.3071 | 1.0867 | 2.5029 | 239.1193 | 24.7875 | 37.5757 | 49.3612 | 0.6158 |
| 30/10/2017 | 95.5595 | 0.8790 | 0.3032 | 1.1822 | 2.6103 | 237.4860 | 26.5186 | 37.5368 | 49.2759 | 0.0000 |
| 31/10/2017 | 95.0627 | 0.8056 | 0.2661 | 1.0717 | 2.6829 | 235.7214 | 25.7677 | 37.6110 | 49.3436 | 0.0000 |
| Mínimo | 94.0463 | 0.5131 | 0.2125 | 0.7341 | 2.5029 | 233.0428 | 18.9355 | 37.5368 | 49.2759 | 0.0000 |

Observaciones:



INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación SNG Escobedo - DMS |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/10/2017 | 94.3406 | 0.6095 | 0.2508 | 0.8603 | 3.8225 | 226.2153 | 17.8898 | 39.1960 | 50.9736 | 1.3412 | | |
| 02/10/2017 | 94.4679 | 0.6365 | 0.2535 | 0.8900 | 3.6882 | 225.8050 | 17.1540 | 39.1340 | 50.9186 | 0.4790 | | |
| 03/10/2017 | 95.1393 | 0.6628 | 0.3088 | 0.9716 | 3.2493 | 222.1572 | 18.6583 | 38.7756 | 50.6732 | 1.8923 | | |
| 04/10/2017 | 94.8224 | 0.5854 | 0.2346 | 0.8200 | 3.4517 | 221.0981 | 21.6995 | 39.0598 | 50.9211 | 1.8348 | | |
| 05/10/2017 | 94.8333 | 0.5668 | 0.2316 | 0.7984 | 3.4436 | 221.6276 | 21.0670 | 39.0772 | 50.9452 | 1.7628 | | |
| 06/10/2017 | 95.1002 | 0.6361 | 0.2528 | 0.8889 | 3.2849 | 225.2344 | 20.5086 | 38.8695 | 50.7705 | 1.6942 | | |
| 07/10/2017 | 95.2321 | 0.6825 | 0.2745 | 0.9570 | 3.2578 | 224.2113 | 20.8949 | 38.7256 | 50.6472 | 1.7563 | | |
| 08/10/2017 | 95.3470 | 0.6492 | 0.2451 | 0.8943 | 3.3002 | 220.0695 | 21.1899 | 38.6985 | 50.6691 | 1.9648 | | |
| 09/10/2017 | 95.6146 | 0.8035 | 0.2784 | 1.0819 | 3.0164 | 223.9849 | 19.0018 | 38.4385 | 50.3985 | 2.4091 | | |
| 10/10/2017 | 96.0691 | 0.7344 | 0.2660 | 1.0005 | 2.6309 | 233.1578 | 23.2172 | 38.3720 | 50.4142 | 2.0072 | | |
| 11/10/2017 | 95.5883 | 0.6072 | 0.2329 | 0.8401 | 3.0905 | 229.4965 | 24.2847 | 38.6765 | 50.6915 | 1.8218 | | |
| 12/10/2017 | 95.5746 | 0.6529 | 0.2367 | 0.8896 | 3.0955 | 229.6270 | 22.3502 | 38.6323 | 50.6328 | 1.7485 | | |
| 13/10/2017 | 95.8090 | 0.7544 | 0.2761 | 1.0305 | 2.8458 | 233.8272 | 21.9679 | 38.4299 | 50.4287 | 1.8792 | | |
| 14/10/2017 | 95.7900 | 0.7998 | 0.3063 | 1.1061 | 2.8310 | 235.3035 | 25.1542 | 38.3727 | 50.3505 | 1.9191 | | |
| 15/10/2017 | 95.6258 | 0.7927 | 0.3062 | 1.0989 | 2.9519 | 235.1444 | 24.2340 | 38.4426 | 50.3953 | 1.8711 | | |
| 16/10/2017 | 95.4126 | 0.6814 | 0.2751 | 0.9565 | 3.1964 | 230.4688 | 21.8638 | 38.6333 | 50.5957 | 2.0064 | | |
| 17/10/2017 | 95.2693 | 0.7579 | 0.2801 | 1.0380 | 3.1911 | 231.8281 | 20.4880 | 38.6438 | 50.5457 | 2.3318 | | |
| 18/10/2017 | 95.5447 | 0.7074 | 0.2645 | 0.9718 | 2.9436 | 236.2015 | 22.1510 | 38.6256 | 50.5775 | 1.8778 | | |
| 19/10/2017 | 95.7623 | 0.7462 | 0.2980 | 1.0441 | 2.7867 | 234.6510 | 24.1693 | 38.4682 | 50.4458 | 2.0071 | | |
| 20/10/2017 | 95.7993 | 0.7353 | 0.3482 | 1.0835 | 2.7609 | 237.4620 | 26.7402 | 38.4161 | 50.4007 | 2.0278 | | |
| 21/10/2017 | 95.5359 | 0.6986 | 0.3488 | 1.0474 | 2.9625 | 236.1506 | 27.8230 | 38.5485 | 50.5014 | 1.9634 | | |
| 22/10/2017 | 95.6022 | 0.7023 | 0.2895 | 0.9917 | 2.9259 | 230.4777 | 25.1641 | 38.5718 | 50.5393 | 1.8959 | | |
| 23/10/2017 | 95.6932 | 0.6954 | 0.2948 | 0.9902 | 2.8234 | 232.6192 | 23.2121 | 38.5536 | 50.5312 | 1.8300 | | |
| 24/10/2017 | 95.6579 | 0.6940 | 0.2907 | 0.9847 | 2.8779 | 232.4442 | 22.7898 | 38.5612 | 50.5384 | 1.8910 | | |
| 25/10/2017 | 95.4080 | 0.6838 | 0.2897 | 0.9736 | 3.0842 | 231.1993 | 21.9495 | 38.6570 | 50.6003 | 1.8237 | | |
| 26/10/2017 | 95.5153 | 0.7144 | 0.2811 | 0.9955 | 2.9629 | 237.0926 | 21.1382 | 38.6123 | 50.5575 | 1.7975 | | |
| 27/10/2017 | 95.4960 | 0.7679 | 0.3033 | 1.0712 | 2.9737 | 236.0454 | 21.0330 | 38.5465 | 50.4726 | 2.1008 | | |
| 28/10/2017 | 95.4871 | 0.8492 | 0.3188 | 1.1680 | 2.9737 | 238.9051 | 21.2767 | 38.4551 | 50.3571 | 2.1477 | | |
| 29/10/2017 | 95.8381 | 0.8505 | 0.3158 | 1.1663 | 2.6789 | 234.6745 | 22.3366 | 38.3355 | 50.2892 | 2.1987 | | |
| 30/10/2017 | 95.8298 | 0.9073 | 0.3141 | 1.2214 | 2.6766 | 230.8402 | 23.6168 | 38.2854 | 50.2218 | 2.4799 | | |
| 31/10/2017 | 95.5639 | 0.8539 | 0.2912 | 1.1450 | 2.9149 | 230.4128 | 24.0967 | 38.4494 | 50.3631 | 2.3699 | | |

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

| | | | | | | | | | | | | |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|
| Mínimo | 94.3406 | 0.5668 | 0.2316 | 0.7984 | 2.6309 | 220.0695 | 17.1540 | 38.2854 | 50.2218 | 0.4790 | | |
| Promedio | 95.4442 | 0.7167 | 0.2825 | 0.9993 | 3.0546 | 230.5946 | 22.2297 | 38.6214 | 50.5602 | 1.9074 | | |
| Máximo | 96.0691 | 0.9073 | 0.3488 | 1.2214 | 3.8225 | 238.9051 | 27.8230 | 39.1960 | 50.9736 | 2.4799 | | |
| Dev. Est. | 0.394916627 | 0.083825057 | 0.031286573 | 0.107174642 | 0.284343014 | 5.363381129 | 2.384436318 | 0.235604386 | 0.194546988 | 0.352173181 | | |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación SNG Escobedo - DMS |
| ZONA DE MEDICIÓN: | <u>RESTO DEL PAÍS</u> |

| 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 Sulhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 01/10/2017 | 94.4858 | 0.6751 | 0.2664 | 0.9415 | 3.9607 | 230.6193 | 18.1571 | 39.4342 | 51.1848 | 1.7078 |
| 02/10/2017 | 94.9614 | 0.7752 | 0.2953 | 1.0705 | 3.9020 | 227.3117 | 17.5559 | 39.3751 | 51.1115 | 2.0026 |
| 03/10/2017 | 95.3953 | 0.6877 | 0.3413 | 1.0291 | 3.4730 | 227.0242 | 21.5416 | 38.8962 | 50.7557 | 2.0414 |
| 04/10/2017 | 94.9018 | 0.6082 | 0.2543 | 0.8626 | 3.4843 | 225.3541 | 21.9338 | 39.1310 | 50.9929 | 1.9310 |
| 05/10/2017 | 94.8638 | 0.5863 | 0.2389 | 0.8252 | 3.4787 | 222.6288 | 21.3801 | 39.1199 | 50.9817 | 1.8371 |
| 06/10/2017 | 95.2753 | 0.6578 | 0.2763 | 0.9341 | 3.4392 | 226.8751 | 22.0308 | 39.0593 | 50.9232 | 1.9621 |
| 07/10/2017 | 95.5930 | 0.7410 | 0.2980 | 1.0390 | 3.4195 | 227.7706 | 21.1666 | 38.8448 | 50.7175 | 1.9021 |
| 08/10/2017 | 95.7362 | 0.7258 | 0.2732 | 0.9990 | 3.5627 | 229.0692 | 21.7848 | 38.7673 | 50.6924 | 2.5378 |
| 09/10/2017 | 96.1350 | 0.8935 | 0.2954 | 1.1889 | 3.5511 | 232.7383 | 20.3015 | 38.7294 | 50.6467 | 2.6311 |
| 10/10/2017 | 96.2595 | 0.8017 | 0.2817 | 1.0835 | 3.1055 | 237.0375 | 26.2208 | 38.6719 | 50.6880 | 2.1000 |
| 11/10/2017 | 95.7854 | 0.7175 | 0.2676 | 0.9852 | 3.1594 | 233.0182 | 26.2928 | 38.7398 | 50.7545 | 2.0770 |
| 12/10/2017 | 95.7813 | 0.7176 | 0.2654 | 0.9830 | 3.2651 | 233.8847 | 22.5592 | 38.7569 | 50.7546 | 1.9303 |
| 13/10/2017 | 96.0951 | 0.8371 | 0.3136 | 1.1508 | 3.2422 | 236.2841 | 23.5436 | 38.7237 | 50.7114 | 2.1190 |
| 14/10/2017 | 95.9533 | 0.8350 | 0.3216 | 1.1565 | 2.9989 | 239.5990 | 25.6740 | 38.4680 | 50.4216 | 2.1791 |
| 15/10/2017 | 95.8017 | 0.8716 | 0.3262 | 1.1978 | 3.1401 | 239.0876 | 25.1042 | 38.6630 | 50.6241 | 2.2565 |
| 16/10/2017 | 95.5371 | 0.7634 | 0.3012 | 1.0646 | 3.3284 | 235.3291 | 23.7066 | 38.7205 | 50.6839 | 2.4005 |
| 17/10/2017 | 95.6108 | 0.7898 | 0.3011 | 1.0909 | 3.4770 | 237.5758 | 21.0337 | 38.7212 | 50.5623 | 2.8937 |
| 18/10/2017 | 95.7195 | 0.7404 | 0.2774 | 1.0179 | 3.1850 | 238.4398 | 23.3234 | 38.7103 | 50.6072 | 2.1047 |
| 19/10/2017 | 96.0206 | 0.8169 | 0.3249 | 1.1419 | 2.9215 | 236.0141 | 24.6959 | 38.6139 | 50.5778 | 2.1732 |
| 20/10/2017 | 95.9565 | 0.7944 | 0.3615 | 1.1559 | 2.8886 | 239.1339 | 27.3311 | 38.5106 | 50.4768 | 2.3573 |
| 21/10/2017 | 95.7307 | 0.7554 | 0.3788 | 1.1341 | 3.2651 | 238.4708 | 28.4124 | 38.7830 | 50.6913 | 2.1458 |
| 22/10/2017 | 95.7434 | 0.7312 | 0.3109 | 1.0421 | 3.0192 | 233.3136 | 26.7499 | 38.6476 | 50.6039 | 2.1102 |
| 23/10/2017 | 95.9377 | 0.7210 | 0.3010 | 1.0220 | 2.9373 | 234.2347 | 23.9542 | 38.6232 | 50.5793 | 2.0321 |
| 24/10/2017 | 95.8253 | 0.7302 | 0.3022 | 1.0325 | 3.0509 | 234.5675 | 23.0206 | 38.7038 | 50.6561 | 2.2322 |
| 25/10/2017 | 95.5006 | 0.7033 | 0.3002 | 1.0035 | 3.1693 | 233.8198 | 22.2041 | 38.6831 | 50.6178 | 2.1494 |
| 26/10/2017 | 95.6356 | 0.7518 | 0.2889 | 1.0407 | 3.1488 | 238.1426 | 21.6282 | 38.6570 | 50.5879 | 2.0789 |
| 27/10/2017 | 95.6581 | 0.8409 | 0.3258 | 1.1667 | 3.0391 | 239.1274 | 21.2645 | 38.5914 | 50.4918 | 2.2606 |
| 28/10/2017 | 95.5612 | 0.9297 | 0.3264 | 1.2561 | 3.0968 | 241.3447 | 21.7557 | 38.5302 | 50.4124 | 2.3089 |
| 29/10/2017 | 96.0963 | 0.9308 | 0.3293 | 1.2601 | 2.8868 | 237.9536 | 23.3655 | 38.4532 | 50.3859 | 2.5820 |
| 30/10/2017 | 95.9641 | 0.9531 | 0.3354 | 1.2885 | 2.8572 | 233.2202 | 23.7065 | 38.3412 | 50.2405 | 2.6926 |
| 31/10/2017 | 95.8764 | 0.8995 | 0.3257 | 1.2251 | 3.2844 | 233.1346 | 24.4693 | 38.6791 | 50.5420 | 2.5684 |
| Máximo | 96.2595 | 0.9531 | 0.3788 | 1.2885 | 3.9607 | 241.3447 | 28.4124 | 39.4342 | 51.1848 | 2.8937 |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



| | |
|---------------------------|---|
| PERMISIONARIO: | Transportadora de Gas Natural de la Huasteca S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | Estación SNG Escobedo - DMS |
| ZONA DE MEDICIÓN: | <u>RESTO DEL PAÍS</u> |

| 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 Sulhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|--|
| 01/10/2017 | 94.1068 | 0.5072 | 0.2183 | 0.7255 | 3.7310 | 224.3745 | 17.4449 | 39.0758 | 50.8779 | 1.0085 |
| 02/10/2017 | 94.1127 | 0.5627 | 0.2289 | 0.7917 | 3.4020 | 223.4255 | 16.5984 | 38.7355 | 50.5786 | 0.0000 |
| 03/10/2017 | 94.8585 | 0.6160 | 0.2787 | 0.8948 | 3.0569 | 218.1522 | 16.5948 | 38.6540 | 50.5923 | 1.7201 |
| 04/10/2017 | 94.7735 | 0.5472 | 0.2192 | 0.7664 | 3.4016 | 218.2644 | 21.4122 | 39.0199 | 50.8910 | 1.7161 |
| 05/10/2017 | 94.7803 | 0.5545 | 0.2231 | 0.7776 | 3.4239 | 220.9008 | 20.8054 | 39.0616 | 50.9339 | 1.6585 |
| 06/10/2017 | 94.8379 | 0.5831 | 0.2281 | 0.8112 | 3.1625 | 223.9481 | 20.0440 | 38.7756 | 50.7060 | 1.5203 |
| 07/10/2017 | 94.9635 | 0.6318 | 0.2530 | 0.8848 | 3.0466 | 220.7300 | 20.2739 | 38.5399 | 50.5229 | 1.6014 |
| 08/10/2017 | 95.0512 | 0.5980 | 0.2189 | 0.8169 | 2.9203 | 216.9000 | 20.3495 | 38.5093 | 50.5151 | 1.7401 |
| 09/10/2017 | 95.0679 | 0.7090 | 0.2405 | 0.9495 | 2.5642 | 216.7310 | 18.1187 | 38.3224 | 50.3717 | 1.9995 |
| 10/10/2017 | 95.5903 | 0.6168 | 0.2204 | 0.8372 | 2.4751 | 228.3642 | 19.6706 | 38.2988 | 50.3712 | 1.9086 |
| 11/10/2017 | 95.5194 | 0.5564 | 0.2237 | 0.7800 | 2.8587 | 226.8372 | 22.6250 | 38.4875 | 50.4925 | 1.6280 |
| 12/10/2017 | 95.4106 | 0.5833 | 0.2124 | 0.7957 | 2.8682 | 226.8568 | 22.0932 | 38.4965 | 50.5021 | 1.5976 |
| 13/10/2017 | 95.4189 | 0.6151 | 0.2199 | 0.8350 | 2.5994 | 227.7373 | 20.8687 | 38.3065 | 50.3408 | 1.6674 |
| 14/10/2017 | 95.5968 | 0.7181 | 0.2846 | 1.0027 | 2.6874 | 232.1230 | 23.7244 | 38.2915 | 50.2876 | 1.6842 |
| 15/10/2017 | 95.4390 | 0.6396 | 0.2462 | 0.8858 | 2.8227 | 228.9448 | 23.7045 | 38.3655 | 50.3517 | 1.5740 |
| 16/10/2017 | 95.2761 | 0.6254 | 0.2497 | 0.8751 | 3.1138 | 227.3135 | 20.8777 | 38.5409 | 50.5081 | 1.6154 |
| 17/10/2017 | 94.9267 | 0.7049 | 0.2631 | 0.9679 | 2.8749 | 226.7838 | 19.9566 | 38.5253 | 50.4748 | 1.9014 |
| 18/10/2017 | 95.2375 | 0.6679 | 0.2502 | 0.9181 | 2.7947 | 234.7203 | 21.0768 | 38.5180 | 50.4922 | 1.6551 |
| 19/10/2017 | 95.5740 | 0.6800 | 0.2797 | 0.9597 | 2.5882 | 233.0543 | 23.4505 | 38.2747 | 50.2739 | 1.7798 |
| 20/10/2017 | 95.6269 | 0.6982 | 0.3194 | 1.0176 | 2.6319 | 235.9233 | 25.0211 | 38.3169 | 50.3083 | 1.6825 |
| 21/10/2017 | 95.1534 | 0.6336 | 0.3006 | 0.9341 | 2.8060 | 233.0377 | 27.2189 | 38.4114 | 50.3852 | 1.7920 |
| 22/10/2017 | 95.4894 | 0.6688 | 0.2742 | 0.9431 | 2.7988 | 227.9281 | 24.0175 | 38.5144 | 50.5023 | 1.7663 |
| 23/10/2017 | 95.5715 | 0.6702 | 0.2886 | 0.9588 | 2.6439 | 230.3049 | 22.7099 | 38.4430 | 50.4564 | 1.6868 |
| 24/10/2017 | 95.4265 | 0.6491 | 0.2785 | 0.9276 | 2.7452 | 230.2800 | 22.2544 | 38.4701 | 50.4666 | 1.6136 |
| 25/10/2017 | 95.3323 | 0.6676 | 0.2773 | 0.9449 | 2.9755 | 229.8927 | 21.4137 | 38.6254 | 50.5826 | 1.4163 |
| 26/10/2017 | 95.3463 | 0.6824 | 0.2745 | 0.9569 | 2.8473 | 234.1555 | 20.8838 | 38.5588 | 50.5160 | 0.4071 |
| 27/10/2017 | 95.3919 | 0.7270 | 0.2865 | 1.0135 | 2.8326 | 231.7641 | 20.6885 | 38.4118 | 50.3437 | 1.9805 |
| 28/10/2017 | 95.3211 | 0.7891 | 0.3120 | 1.1011 | 2.9024 | 237.4045 | 20.4035 | 38.3494 | 50.2405 | 1.8379 |
| 29/10/2017 | 95.5922 | 0.7710 | 0.3027 | 1.0737 | 2.4853 | 230.6974 | 21.7622 | 38.2521 | 50.2498 | 1.9231 |
| 30/10/2017 | 95.6039 | 0.8767 | 0.2986 | 1.1753 | 2.5866 | 229.4883 | 23.4837 | 38.2124 | 50.1687 | 2.2582 |
| 31/10/2017 | 95.1321 | 0.7958 | 0.2645 | 1.0603 | 2.6525 | 226.1616 | 23.1813 | 38.2866 | 50.2348 | 2.2241 |
| Mínimo | 94.1068 | 0.5072 | 0.2124 | 0.7255 | 2.4751 | 216.7310 | 16.5948 | 38.2124 | 50.1687 | 0.0000 |

Observaciones:

