

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

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| PERMISIONARIO: | Terminal de LNG de Altamira S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | PEMEX |
| 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|
| 01/12/2017 | 92.2922 | 0.0239 | 0.0286 | 0.0525 | 5.0186 | 235.1602 | 2.1934 | 40.8707 | 52.4135 | 1.2099 |
| 02/12/2017 | 92.2406 | 0.0000 | 0.0217 | 0.0217 | 5.0513 | 234.7234 | 1.7816 | 40.9232 | 52.4626 | 1.6614 |
| 03/12/2017 | 92.3024 | 0.0000 | 0.0261 | 0.0261 | 5.0054 | 234.5377 | 1.6999 | 40.8955 | 52.4455 | 1.5128 |
| 04/12/2017 | 92.4216 | 0.0189 | 0.0342 | 0.0532 | 4.9152 | 234.5929 | 2.0341 | 40.8210 | 52.3872 | 1.6161 |
| 05/12/2017 | 92.1086 | 0.1274 | 0.0707 | 0.1981 | 4.6768 | 235.1179 | 1.7672 | 40.9844 | 52.4987 | 1.4009 |
| 06/12/2017 | 92.1088 | 0.0000 | 0.0169 | 0.0169 | 5.1256 | 235.0563 | 2.1629 | 40.9811 | 52.4963 | 1.3822 |
| 07/12/2017 | 92.0989 | 0.0000 | 0.0164 | 0.0164 | 5.1330 | 235.0925 | 2.7487 | 40.9855 | 52.4988 | 1.6535 |
| 08/12/2017 | 92.0947 | 0.0000 | 0.0157 | 0.0157 | 5.1381 | 235.0995 | 4.1684 | 40.9872 | 52.5001 | 1.8930 |
| 09/12/2017 | 92.0880 | 0.0000 | 0.0157 | 0.0157 | 5.1427 | 235.1259 | 3.5289 | 40.9900 | 52.5016 | 1.1913 |
| 10/12/2017 | 92.4387 | 0.0684 | 0.0430 | 0.1114 | 4.9166 | 235.4238 | 4.6489 | 40.7514 | 52.3102 | 1.4147 |
| 11/12/2017 | 92.1695 | 0.0000 | 0.0248 | 0.0248 | 5.0817 | 234.9074 | 2.8562 | 40.9520 | 52.4768 | 1.3258 |
| 12/12/2017 | 91.8974 | 0.0000 | 0.0233 | 0.0233 | 5.2533 | 235.9971 | 2.4809 | 41.0698 | 52.5413 | 1.3576 |
| 13/12/2017 | 91.8678 | 0.0000 | 0.0199 | 0.0199 | 5.2725 | 236.0651 | 2.4957 | 41.0840 | 52.5506 | 1.5259 |
| 14/12/2017 | 92.0389 | 0.0000 | 0.0278 | 0.0278 | 5.1547 | 235.4491 | 2.2183 | 41.0079 | 52.5057 | 1.5094 |
| 15/12/2017 | 91.8497 | 0.0000 | 0.0193 | 0.0193 | 5.2844 | 236.1209 | 3.1078 | 41.0918 | 52.5551 | 2.0283 |
| 16/12/2017 | 91.8082 | 0.0000 | 0.0174 | 0.0174 | 5.3108 | 236.2790 | 2.8722 | 41.1109 | 52.5663 | 1.2983 |
| 17/12/2017 | 91.9881 | 0.0077 | 0.0264 | 0.0341 | 5.1904 | 235.7788 | 2.1351 | 41.0214 | 52.5081 | 1.6796 |
| 18/12/2017 | 91.9824 | 0.0215 | 0.0272 | 0.0487 | 5.1931 | 236.3946 | 2.3235 | 41.0111 | 52.4918 | 1.7437 |
| 19/12/2017 | 91.7890 | 0.0000 | 0.0171 | 0.0171 | 5.3184 | 236.4681 | 1.7997 | 41.1229 | 52.5729 | 1.4188 |
| 20/12/2017 | 92.0244 | 0.0018 | 0.0265 | 0.0283 | 5.1623 | 235.6165 | 1.8027 | 41.0163 | 52.5095 | 1.2048 |
| 21/12/2017 | 91.9151 | 0.0028 | 0.0219 | 0.0246 | 5.2348 | 236.0653 | 1.7512 | 41.0645 | 52.5371 | 1.2905 |
| 22/12/2017 | 91.9191 | 0.0000 | 0.0220 | 0.0220 | 5.2311 | 236.0194 | 1.6812 | 41.0658 | 52.5397 | 1.2471 |
| 23/12/2017 | 92.1030 | 0.0000 | 0.0301 | 0.0301 | 5.1089 | 235.3505 | 2.0074 | 40.9831 | 52.4911 | 0.8809 |
| 24/12/2017 | 94.0514 | 0.3245 | 0.1367 | 0.4611 | 3.8275 | 234.9773 | 2.4067 | 39.7590 | 52.4622 | 1.6026 |
| 25/12/2017 | 98.4622 | 0.0868 | 0.2799 | 0.3667 | 0.8830 | 203.1659 | 2.9008 | 38.0751 | 50.7089 | 1.2074 |
| 26/12/2017 | 93.0238 | 0.0000 | 0.0569 | 0.0569 | 4.5036 | 228.5285 | 2.0520 | 40.5819 | 52.2557 | 1.3841 |
| 27/12/2017 | 91.8926 | 0.0000 | 0.0225 | 0.0225 | 5.2510 | 236.0716 | 2.2523 | 41.0748 | 52.5443 | 1.3879 |
| 28/12/2017 | 92.4758 | 0.0000 | 0.0395 | 0.0395 | 4.9162 | 233.4922 | 2.7037 | 40.8035 | 52.3893 | 1.1954 |
| 29/12/2017 | 94.8416 | 0.0000 | 0.0874 | 0.0874 | 3.7985 | 218.2223 | 2.3831 | 39.6387 | 51.7318 | 1.0850 |
| 30/12/2017 | 94.7106 | 0.0000 | 0.0404 | 0.0404 | 3.9601 | 218.8171 | 2.1137 | 39.7128 | 51.7948 | 1.3766 |
| 31/12/2017 | 94.8528 | 0.0000 | 0.0837 | 0.0837 | 3.7904 | 218.3519 | 1.9964 | 39.6380 | 51.7333 | 1.3596 |

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(Valores promedio diarios)

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| PERMISIONARIO: | Terminal de LNG de Altamira S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | ALTAMIRA V |
| 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|
| 01/12/2017 | 92.3662 | 0.0008 | 0.0419 | 0.0427 | 5.0453 | 233.9957 | 2.1555 | 40.8323 | 52.4037 | 0.6646 |
| 02/12/2017 | 92.3615 | 0.0000 | 0.0415 | 0.0415 | 5.0490 | 234.0388 | 2.5005 | 40.8355 | 52.4063 | 0.1711 |
| 03/12/2017 | 92.4719 | 0.0000 | 0.0476 | 0.0476 | 4.9700 | 233.6768 | 2.4807 | 40.7870 | 52.3768 | 0.6177 |
| 04/12/2017 | 92.5554 | 0.0152 | 0.0532 | 0.0684 | 4.8974 | 233.8449 | 3.0504 | 40.7368 | 52.3353 | 0.6108 |
| 05/12/2017 | 92.8495 | 0.1289 | 0.0815 | 0.2104 | 4.6917 | 234.4971 | 2.4160 | 40.8854 | 52.4351 | 0.6517 |
| 06/12/2017 | 92.2608 | 0.0000 | 0.0384 | 0.0384 | 5.0967 | 234.4881 | 1.3106 | 40.8850 | 52.4343 | 0.2407 |
| 07/12/2017 | 92.2501 | 0.0000 | 0.0378 | 0.0378 | 5.1049 | 234.5228 | 0.9623 | 40.8895 | 52.4370 | 0.0931 |
| 08/12/2017 | 92.2433 | 0.0000 | 0.0369 | 0.0369 | 5.1107 | 234.5462 | 0.5715 | 40.8927 | 52.4392 | 0.1532 |
| 09/12/2017 | 92.2367 | 0.0000 | 0.0369 | 0.0369 | 5.1141 | 234.5762 | 1.2448 | 40.8959 | 52.4410 | 0.1909 |
| 10/12/2017 | 92.4990 | 0.0484 | 0.0556 | 0.1040 | 4.9394 | 234.7294 | 2.5154 | 40.7241 | 52.3043 | 0.6211 |
| 11/12/2017 | 92.3135 | 0.0000 | 0.0458 | 0.0458 | 5.0538 | 234.3693 | 1.4634 | 40.8605 | 52.4176 | 0.4575 |
| 12/12/2017 | 92.0464 | 0.0000 | 0.0444 | 0.0444 | 5.2248 | 235.4536 | 1.5778 | 40.9757 | 52.4807 | 0.5692 |
| 13/12/2017 | 92.0370 | 0.0000 | 0.0413 | 0.0414 | 5.2372 | 235.4500 | 1.5621 | 40.9803 | 52.4846 | 0.5535 |
| 14/12/2017 | 92.2033 | 0.0000 | 0.0485 | 0.0485 | 5.1219 | 234.8636 | 1.5584 | 40.9072 | 52.4416 | 0.5892 |
| 15/12/2017 | 92.0134 | 0.0000 | 0.0405 | 0.0405 | 5.2531 | 235.7915 | 0.7282 | 40.9910 | 52.4908 | 0.2649 |
| 16/12/2017 | 91.9774 | 0.0000 | 0.0387 | 0.0387 | 5.2774 | 235.6738 | 1.1852 | 41.0070 | 52.5003 | 0.3957 |
| 17/12/2017 | 92.1041 | 0.0000 | 0.0443 | 0.0443 | 5.1900 | 235.2126 | 1.8233 | 40.9512 | 52.4674 | 0.1682 |
| 18/12/2017 | 92.0274 | 0.0002 | 0.0412 | 0.0414 | 5.2430 | 235.4481 | 2.1598 | 40.9834 | 52.4863 | 0.3332 |
| 19/12/2017 | 91.9650 | 0.0000 | 0.0383 | 0.0383 | 5.2866 | 235.6366 | 2.4172 | 41.0105 | 52.5025 | 0.3621 |
| 20/12/2017 | 92.1963 | 0.0000 | 0.0467 | 0.0467 | 5.1304 | 234.7928 | 2.5500 | 40.9090 | 52.4435 | 0.5206 |
| 21/12/2017 | 92.0380 | 0.0000 | 0.0404 | 0.0404 | 5.2389 | 235.3679 | 2.7204 | 40.9787 | 52.4842 | 0.4754 |
| 22/12/2017 | 92.0993 | 0.0000 | 0.0432 | 0.0432 | 5.1959 | 235.1564 | 2.7383 | 40.9519 | 52.4682 | 0.5062 |
| 23/12/2017 | 92.2351 | 0.0000 | 0.0488 | 0.0488 | 5.1027 | 234.6573 | 1.5949 | 40.8918 | 52.4331 | 0.5045 |
| 24/12/2017 | 92.6372 | 0.0503 | 0.0655 | 0.1158 | 4.8314 | 234.1602 | 2.1935 | 40.6619 | 52.2649 | 0.3985 |
| 25/12/2017 | 97.9082 | 0.0111 | 0.2562 | 0.2673 | 1.2526 | 198.9667 | 1.9023 | 38.3993 | 50.9544 | 0.7573 |
| 26/12/2017 | 95.9505 | 0.0006 | 0.1710 | 0.1716 | 2.5794 | 212.0061 | 2.2243 | 39.2808 | 51.4881 | 0.6122 |
| 27/12/2017 | 91.9347 | 0.0000 | 0.0382 | 0.0382 | 5.3020 | 235.8459 | 2.0075 | 41.0262 | 52.5110 | 0.4994 |
| 28/12/2017 | 92.4613 | 0.0000 | 0.0549 | 0.0549 | 4.9683 | 233.7441 | 1.3257 | 40.7897 | 52.3748 | 0.3706 |
| 29/12/2017 | 94.4055 | 0.0000 | 0.0946 | 0.0946 | 4.0099 | 221.8180 | 1.6566 | 39.8407 | 51.8390 | 0.2680 |
| 30/12/2017 | 94.9278 | 0.0000 | 0.0818 | 0.0818 | 3.8104 | 217.4539 | 2.1786 | 39.5887 | 51.7073 | 0.4695 |
| 31/12/2017 | 94.8551 | 0.0000 | 0.0784 | 0.0784 | 3.8496 | 218.0698 | 2.4172 | 39.6252 | 51.7289 | 0.7528 |