

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



| | |
|---------------------------|---------------------------|
| PERMISIONARIO: | Gas Natural México |
| PUNTO DE MEDICIÓN: | PEGN Nuevo Laredo |
| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/08/2019 | 91.9580 | 1.0506 | 0.1061 | 1.1567 | 4.4893 | 313.9503 | 441.8138 | 40.7244 | 51.5680 | 2.2233 | 2.7290 | 0.0050 |
| 02/08/2019 | 91.9055 | 1.0567 | 0.1070 | 1.1638 | 4.5348 | 314.6008 | 446.3076 | 40.7479 | 51.5765 | 2.2362 | | |
| 03/08/2019 | 91.8805 | 1.0562 | 0.1070 | 1.1632 | 4.5507 | 313.6304 | 439.0080 | 40.7437 | 51.5747 | 2.1759 | | |
| 04/08/2019 | 91.9482 | 1.0497 | 0.1067 | 1.1564 | 4.4797 | 313.3839 | 443.9521 | 40.7286 | 51.5707 | 2.1650 | | |
| 05/08/2019 | 91.9381 | 1.0495 | 0.1054 | 1.1549 | 4.5243 | 313.2632 | 447.4480 | 40.7120 | 51.5623 | 2.2056 | | |
| 06/08/2019 | 91.8187 | 1.0421 | 0.1055 | 1.1476 | 4.6308 | 312.2403 | 444.5718 | 40.7466 | 51.5866 | 2.1922 | | |
| 07/08/2019 | 91.8918 | 1.0478 | 0.1065 | 1.1543 | 4.5190 | 313.1817 | 447.6181 | 40.7416 | 51.5793 | 2.0932 | | |
| 08/08/2019 | 91.8311 | 1.0437 | 0.1052 | 1.1489 | 4.5963 | 313.1758 | 446.5742 | 40.7682 | 51.5974 | 2.0294 | | |
| 09/08/2019 | 91.8490 | 1.0451 | 0.1053 | 1.1504 | 4.5826 | 313.0136 | 446.3123 | 40.7543 | 51.5888 | 2.0350 | | |
| 10/08/2019 | 91.8975 | 1.0425 | 0.1057 | 1.1481 | 4.5342 | 313.3908 | 449.8402 | 40.7473 | 51.5864 | 1.9798 | | |
| 11/08/2019 | 91.9421 | 1.0314 | 0.1061 | 1.1375 | 4.4996 | 313.4827 | 449.8480 | 40.7476 | 51.5936 | 2.0433 | | |
| 12/08/2019 | 91.8717 | 1.0481 | 0.1057 | 1.1537 | 4.5618 | 313.8537 | 456.1982 | 40.7553 | 51.5871 | 2.2652 | | |
| 13/08/2019 | 91.7978 | 1.0406 | 0.1069 | 1.1474 | 4.6012 | 315.2797 | 461.3684 | 40.8188 | 51.6267 | 2.3676 | | |
| 14/08/2019 | 91.7869 | 1.0387 | 0.1066 | 1.1453 | 4.5977 | 314.7016 | 467.1962 | 40.8175 | 51.6273 | 2.4147 | | |
| 15/08/2019 | 91.8358 | 1.0399 | 0.1068 | 1.1468 | 4.5521 | 315.1843 | 465.3224 | 40.8115 | 51.6230 | 2.4220 | | |
| 16/08/2019 | 91.8600 | 1.0383 | 0.1067 | 1.1450 | 4.5691 | 313.2071 | 453.6116 | 40.7599 | 51.5958 | 2.3785 | | |
| 17/08/2019 | 91.9132 | 1.0446 | 0.1071 | 1.1517 | 4.5033 | 315.0143 | 456.1527 | 40.7685 | 51.5958 | 2.2916 | | |
| 18/08/2019 | 91.9043 | 1.0376 | 0.1053 | 1.1430 | 4.5138 | 313.3871 | 461.1536 | 40.7923 | 51.6144 | 2.3891 | | |
| 19/08/2019 | 91.8619 | 1.0480 | 0.1056 | 1.1537 | 4.5300 | 316.3478 | 468.9365 | 40.8216 | 51.6235 | 2.3801 | | |
| 20/08/2019 | 91.8542 | 1.0499 | 0.1058 | 1.1557 | 4.5340 | 316.2931 | 466.5060 | 40.8240 | 51.6235 | 2.3233 | | |
| 21/08/2019 | 91.8320 | 1.0547 | 0.1064 | 1.1611 | 4.5668 | 314.6382 | 469.0776 | 40.7864 | 51.5995 | 2.4010 | | |
| 22/08/2019 | 91.8173 | 1.0552 | 0.1062 | 1.1614 | 4.5642 | 315.0453 | 468.3167 | 40.8042 | 51.6091 | 2.4388 | | |
| 23/08/2019 | 91.8592 | 1.0558 | 0.1065 | 1.1622 | 4.5340 | 313.8539 | 467.7689 | 40.7677 | 51.5884 | 2.4896 | | |
| 24/08/2019 | 91.8723 | 1.0436 | 0.1054 | 1.1490 | 4.5414 | 314.8955 | 452.4648 | 40.7927 | 51.6107 | 2.4211 | | |
| 25/08/2019 | 91.8690 | 1.0509 | 0.1062 | 1.1571 | 4.5457 | 314.9099 | 464.8255 | 40.7787 | 51.5978 | 2.3707 | | |
| 26/08/2019 | 91.7714 | 1.0539 | 0.1060 | 1.1599 | 4.6300 | 313.8839 | 465.9900 | 40.7886 | 51.6016 | 2.4802 | | |
| 27/08/2019 | 91.8295 | 1.0529 | 0.1065 | 1.1593 | 4.5502 | 315.1860 | 462.3000 | 40.8004 | 51.6084 | 2.4853 | | |
| 28/08/2019 | 91.9104 | 1.0509 | 0.1064 | 1.1573 | 4.5131 | 314.4582 | 460.4897 | 40.7597 | 51.5871 | 2.4976 | | |
| 29/08/2019 | 91.9244 | 1.0569 | 0.1067 | 1.1636 | 4.4996 | 315.1024 | 460.6583 | 40.7502 | 51.5777 | 2.3425 | | |
| 30/08/2019 | 91.9260 | 1.0483 | 0.1063 | 1.1546 | 4.5328 | 314.9474 | 447.5245 | 40.7465 | 51.5817 | 2.3761 | | |
| 31/08/2019 | 91.9160 | 1.0592 | 0.1063 | 1.1655 | 4.5270 | 313.8302 | 443.4723 | 40.7224 | 51.5611 | 2.3950 | | |

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

| | | | | | | | | | | | | |
|-------------------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|
| Mínimo | 91.7714 | 1.0314 | 0.1052 | 1.1375 | 4.4797 | 312.2403 | 439.0080 | 40.7120 | 51.5611 | 1.9798 | | |
| Promedio | 91.8733 | 1.0478 | 0.1062 | 1.1540 | 4.5455 | 314.3011 | 455.5686 | 40.7687 | 51.5943 | 2.3003 | | |
| Máximo | 91.9580 | 1.0592 | 0.1071 | 1.1655 | 4.6308 | 316.3478 | 469.0776 | 40.8240 | 51.6273 | 2.4976 | | |
| Desv. Est. | 0.0493 | 0.006839214 | 0.000566169 | 0.006991218 | 0.038244333 | 0.991598771 | 9.606709954 | 0.031766304 | 0.019051572 | 0.150687283 | | |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO: Gas Natural México

PUNTO DE MEDICIÓN: PEGN Nuevo Laredo

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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 01/08/2019 | 92.0886 | 1.0740 | 0.1108 | 1.1848 | 4.5798 | 315.6811 | 478.1059 | 40.7560 | 51.6063 | 2.4967 |
| 02/08/2019 | 92.0422 | 1.0779 | 0.1108 | 1.1887 | 4.6460 | 315.8720 | 477.8163 | 40.7891 | 51.6012 | 2.4363 |
| 03/08/2019 | 92.0065 | 1.0669 | 0.1118 | 1.1787 | 4.6278 | 315.6078 | 482.8617 | 40.8057 | 51.6109 | 2.4018 |
| 04/08/2019 | 92.0942 | 1.0683 | 0.1123 | 1.1806 | 4.5879 | 315.1393 | 482.8617 | 40.7895 | 51.6017 | 2.4045 |
| 05/08/2019 | 92.0529 | 1.0639 | 0.1107 | 1.1746 | 4.5707 | 314.5298 | 475.8347 | 40.7666 | 51.5913 | 2.4284 |
| 06/08/2019 | 91.9553 | 1.0524 | 0.1162 | 1.1686 | 4.7019 | 314.1545 | 470.7587 | 40.7953 | 51.6126 | 2.4204 |
| 07/08/2019 | 92.0113 | 1.0592 | 0.1130 | 1.1722 | 4.6520 | 314.7312 | 479.0358 | 40.7852 | 51.6243 | 2.3189 |
| 08/08/2019 | 91.9659 | 1.0576 | 0.1108 | 1.1684 | 4.6660 | 314.7535 | 481.8861 | 40.7911 | 51.6216 | 2.1770 |
| 09/08/2019 | 91.9924 | 1.0628 | 0.1119 | 1.1748 | 4.6765 | 314.6271 | 481.6728 | 40.7925 | 51.6243 | 2.2705 |
| 10/08/2019 | 91.9967 | 1.0585 | 0.1112 | 1.1697 | 4.6239 | 314.8827 | 486.0322 | 40.7804 | 51.6101 | 2.1963 |
| 11/08/2019 | 92.1166 | 1.0587 | 0.1106 | 1.1693 | 4.6218 | 315.2423 | 491.8553 | 40.8277 | 51.6399 | 2.2659 |
| 12/08/2019 | 91.9723 | 1.0696 | 0.1097 | 1.1793 | 4.6312 | 315.1495 | 483.3648 | 40.7946 | 51.6135 | 2.5033 |
| 13/08/2019 | 91.9379 | 1.0624 | 0.1117 | 1.1741 | 4.6591 | 317.0019 | 487.4957 | 40.8442 | 51.6451 | 2.6054 |
| 14/08/2019 | 91.9256 | 1.0715 | 0.1117 | 1.1833 | 4.6784 | 316.3770 | 486.9621 | 40.8418 | 51.6470 | 2.6372 |
| 15/08/2019 | 91.8929 | 1.0580 | 0.1107 | 1.1687 | 4.5855 | 316.1292 | 477.1304 | 40.8356 | 51.6502 | 2.6724 |
| 16/08/2019 | 91.9243 | 1.0648 | 0.1122 | 1.1770 | 4.6077 | 315.4629 | 480.0113 | 40.8026 | 51.6167 | 2.6498 |
| 17/08/2019 | 92.0164 | 1.0652 | 0.1186 | 1.1838 | 4.5605 | 316.6659 | 487.4652 | 40.8310 | 51.6467 | 2.4834 |
| 18/08/2019 | 91.9288 | 1.0579 | 0.1102 | 1.1682 | 4.5356 | 317.7958 | 501.9005 | 40.8341 | 51.6475 | 2.5517 |
| 19/08/2019 | 91.9513 | 1.0615 | 0.1111 | 1.1726 | 4.6108 | 317.4939 | 495.9403 | 40.8557 | 51.6498 | 2.6366 |
| 20/08/2019 | 91.9521 | 1.0794 | 0.1109 | 1.1903 | 4.5876 | 317.6537 | 489.9651 | 40.8646 | 51.6489 | 2.5212 |
| 21/08/2019 | 91.9325 | 1.0856 | 0.1149 | 1.2005 | 4.6217 | 317.2058 | 494.5532 | 40.8245 | 51.6387 | 2.6001 |
| 22/08/2019 | 91.9470 | 1.0734 | 0.1105 | 1.1839 | 4.6289 | 316.3454 | 489.7059 | 40.8225 | 51.6225 | 2.6366 |
| 23/08/2019 | 91.9479 | 1.0764 | 0.1141 | 1.1905 | 4.5630 | 315.8504 | 487.0231 | 40.7984 | 51.6211 | 2.7082 |
| 24/08/2019 | 91.9658 | 1.0661 | 0.1090 | 1.1752 | 4.6079 | 317.2688 | 485.3617 | 40.8243 | 51.6357 | 2.6081 |
| 25/08/2019 | 91.9600 | 1.0793 | 0.1107 | 1.1901 | 4.6218 | 317.3802 | 508.8514 | 40.8388 | 51.6442 | 2.5099 |
| 26/08/2019 | 91.9483 | 1.0807 | 0.1106 | 1.1913 | 4.7085 | 315.7851 | 499.2177 | 40.8171 | 51.6164 | 2.6518 |
| 27/08/2019 | 91.9164 | 1.0729 | 0.1109 | 1.1838 | 4.5954 | 317.9252 | 492.1753 | 40.8264 | 51.6287 | 2.6757 |
| 28/08/2019 | 91.9940 | 1.0889 | 0.1105 | 1.1994 | 4.5828 | 316.2776 | 492.5412 | 40.7874 | 51.6076 | 2.7301 |
| 29/08/2019 | 92.0311 | 1.0755 | 0.1110 | 1.1865 | 4.5547 | 316.7478 | 495.2239 | 40.7707 | 51.5942 | 2.5179 |
| 30/08/2019 | 92.0904 | 1.0650 | 0.1103 | 1.1753 | 4.6385 | 318.6386 | 481.3984 | 40.7781 | 51.6017 | 2.5292 |
| 31/08/2019 | 91.9856 | 1.0814 | 0.1148 | 1.1962 | 4.6114 | 316.2922 | 480.8039 | 40.7862 | 51.6012 | 2.5365 |
| Máximo | 92.1166 | 1.0889 | 0.1186 | 1.2005 | 4.7085 | 318.6386 | 508.8514 | 40.8646 | 51.6502 | 2.7301 |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO: Gas Natural México

PUNTO DE MEDICIÓN: PEGN Nuevo Laredo

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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 01/08/2019 | 91.8696 | 1.0196 | 0.0970 | 1.1167 | 4.3699 | 312.4499 | 417.7735 | 40.6986 | 51.5414 | 1.8402 |
| 02/08/2019 | 91.7791 | 1.0332 | 0.0981 | 1.1313 | 4.4193 | 313.1864 | 421.3557 | 40.7139 | 51.5501 | 2.0199 |
| 03/08/2019 | 91.7869 | 1.0370 | 0.0982 | 1.1352 | 4.4504 | 311.7209 | 410.4417 | 40.7017 | 51.5484 | 1.9105 |
| 04/08/2019 | 91.8154 | 1.0287 | 0.0974 | 1.1261 | 4.3918 | 311.4846 | 408.0333 | 40.6593 | 51.5393 | 1.9469 |
| 05/08/2019 | 91.8531 | 1.0328 | 0.0959 | 1.1287 | 4.4412 | 311.7761 | 420.6392 | 40.6785 | 51.5351 | 2.0239 |
| 06/08/2019 | 91.6860 | 1.0067 | 0.0968 | 1.1035 | 4.5347 | 310.6184 | 420.1821 | 40.7149 | 51.5640 | 2.0013 |
| 07/08/2019 | 91.7376 | 1.0163 | 0.0964 | 1.1126 | 4.4064 | 311.5763 | 419.1149 | 40.7106 | 51.5545 | 1.7540 |
| 08/08/2019 | 91.7543 | 1.0131 | 0.0922 | 1.1053 | 4.4894 | 311.6547 | 419.5266 | 40.7457 | 51.5773 | 1.8733 |
| 09/08/2019 | 91.7390 | 1.0083 | 0.0956 | 1.1038 | 4.4728 | 311.1785 | 413.5360 | 40.7088 | 51.5558 | 1.8819 |
| 10/08/2019 | 91.7893 | 1.0239 | 0.0966 | 1.1205 | 4.4549 | 311.1808 | 409.8471 | 40.7243 | 51.5644 | 1.8461 |
| 11/08/2019 | 91.7863 | 1.0183 | 0.0965 | 1.1148 | 4.3858 | 311.3638 | 410.4721 | 40.6566 | 51.5461 | 1.8939 |
| 12/08/2019 | 91.8027 | 1.0291 | 0.0959 | 1.1250 | 4.5030 | 312.4273 | 432.3004 | 40.7304 | 51.5621 | 1.9688 |
| 13/08/2019 | 91.7366 | 1.0286 | 0.0976 | 1.1262 | 4.4899 | 313.6218 | 437.8639 | 40.7473 | 51.5882 | 2.0743 |
| 14/08/2019 | 91.6798 | 1.0152 | 0.0971 | 1.1123 | 4.4751 | 313.3844 | 448.4275 | 40.7681 | 51.5903 | 2.1618 |
| 15/08/2019 | 91.7796 | 1.0119 | 0.0981 | 1.1100 | 4.5138 | 313.7352 | 445.2417 | 40.7834 | 51.6050 | 2.1532 |
| 16/08/2019 | 91.8003 | 1.0251 | 0.0970 | 1.1220 | 4.5177 | 311.5628 | 428.9163 | 40.7392 | 51.5815 | 2.1711 |
| 17/08/2019 | 91.8416 | 1.0166 | 0.0964 | 1.1130 | 4.4512 | 312.4377 | 411.0209 | 40.7068 | 51.5668 | 2.0245 |
| 18/08/2019 | 91.8747 | 1.0217 | 0.0955 | 1.1171 | 4.4898 | 313.4627 | 422.6667 | 40.7510 | 51.5793 | 2.1943 |
| 19/08/2019 | 91.7631 | 1.0351 | 0.0967 | 1.1319 | 4.4698 | 315.0027 | 446.8880 | 40.7788 | 51.6038 | 2.1890 |
| 20/08/2019 | 91.7684 | 1.0279 | 0.0964 | 1.1243 | 4.4345 | 314.8948 | 446.6746 | 40.8004 | 51.6053 | 2.1293 |
| 21/08/2019 | 91.7832 | 1.0269 | 0.0974 | 1.1243 | 4.4716 | 313.0615 | 448.9153 | 40.7527 | 51.5593 | 2.2102 |
| 22/08/2019 | 91.7343 | 1.0244 | 0.0969 | 1.1213 | 4.4755 | 313.5471 | 448.7629 | 40.7755 | 51.5944 | 2.2414 |
| 23/08/2019 | 91.8237 | 1.0322 | 0.0967 | 1.1289 | 4.4620 | 312.3652 | 448.1227 | 40.7451 | 51.5729 | 2.2208 |
| 24/08/2019 | 91.8197 | 1.0340 | 0.0964 | 1.1304 | 4.4430 | 313.1984 | 422.5600 | 40.7587 | 51.5926 | 2.2009 |
| 25/08/2019 | 91.7724 | 1.0343 | 0.0970 | 1.1312 | 4.4878 | 312.5742 | 422.0264 | 40.7192 | 51.5516 | 2.2235 |
| 26/08/2019 | 91.6663 | 1.0332 | 0.0959 | 1.1291 | 4.5028 | 312.4683 | 445.6837 | 40.7427 | 51.5793 | 2.2281 |
| 27/08/2019 | 91.7871 | 1.0317 | 0.0972 | 1.1289 | 4.4929 | 313.4157 | 437.8945 | 40.7684 | 51.5981 | 2.1804 |
| 28/08/2019 | 91.8363 | 1.0362 | 0.0969 | 1.1331 | 4.4304 | 312.7488 | 432.5900 | 40.7293 | 51.5578 | 2.0583 |
| 29/08/2019 | 91.8498 | 1.0346 | 0.0974 | 1.1320 | 4.4208 | 313.3719 | 433.4893 | 40.7159 | 51.5647 | 2.1306 |
| 30/08/2019 | 91.8191 | 1.0251 | 0.0966 | 1.1217 | 4.3663 | 313.3044 | 423.6422 | 40.7107 | 51.5634 | 2.1863 |
| 31/08/2019 | 91.8226 | 1.0446 | 0.0963 | 1.1409 | 4.4767 | 311.3293 | 406.6003 | 40.6893 | 51.5296 | 2.2632 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|--------|----------|----------|---------|---------|--------|
| Mínimo | 91.6663 | 1.0067 | 0.0922 | 1.1035 | 4.3663 | 310.6184 | 406.6003 | 40.6566 | 51.5296 | 1.7540 |
|---------------|---------|--------|--------|--------|--------|----------|----------|---------|---------|--------|

Observaciones: