

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

PERMISIONARIO: GASODUCTO DE AGUAPRIETA S. DE R.L. DE C.V. (SAN ISIDRO)
PUNTO DE MEDICIÓN: SAN ELIZARIO (ENERGY TRANSFER)
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/m3) | Poder Calorífico (MJ/m3) | Índice Wobbe (MJ/m3) | Acido Sulfhídrico (mg/m3) | Azufre total* (mg/m3) | Oxígeno* (% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|--------------------------|---------------------|
| 01/10/18 | 89.1335 | 1.0208 | 0.6062 | 1.6270 | 6.9061 | 249.1342 | 39.6967 | 40.6694 | 51.3488 | 0.0051 | Menor a 10.8 | N.D. |
| 02/10/18 | 89.2386 | 0.9844 | 0.6023 | 1.5867 | 6.8236 | 248.6140 | 40.7483 | 40.6769 | 51.3746 | 0.0340 | | |
| 03/10/18 | 89.4253 | 0.9650 | 0.6049 | 1.5699 | 6.7505 | 248.9221 | 45.1609 | 40.5945 | 51.3443 | 0.0043 | | |
| 04/10/18 | 90.2784 | 0.8861 | 0.6251 | 1.5112 | 6.2257 | 245.9356 | 45.8382 | 40.2875 | 51.2147 | 0.0031 | | |
| 05/10/18 | 90.0471 | 0.9227 | 0.6235 | 1.5462 | 6.3689 | 245.1013 | 45.0884 | 40.3474 | 51.2247 | 0.0032 | | |
| 06/10/18 | 89.1264 | 1.0352 | 0.6095 | 1.6447 | 6.9149 | 247.8041 | 45.2891 | 40.6469 | 51.3204 | 0.0024 | | |
| 07/10/18 | 89.0708 | 1.0799 | 0.6087 | 1.6886 | 6.9083 | 248.2510 | 42.9934 | 40.6432 | 51.2911 | 0.0026 | | |
| 08/10/18 | 89.0717 | 1.0383 | 0.6084 | 1.6467 | 6.9231 | 250.6148 | 44.6695 | 40.6881 | 51.3438 | 0.0019 | | |
| 09/10/18 | 89.3856 | 0.7312 | 0.6083 | 1.3395 | 6.8833 | 258.2077 | 46.5895 | 40.8379 | 51.6315 | 0.0020 | | |
| 10/10/18 | 89.4638 | 0.5983 | 0.6085 | 1.2068 | 6.9153 | 266.6639 | 50.4756 | 40.9165 | 51.7640 | 0.0032 | | |
| 11/10/18 | 89.5243 | 0.5898 | 0.6085 | 1.1983 | 6.8743 | 268.2718 | 53.0457 | 40.9015 | 51.7616 | 0.0020 | | |
| 12/10/18 | 89.5014 | 0.6043 | 0.6079 | 1.2122 | 6.8932 | 267.5705 | 51.8282 | 40.8940 | 51.7480 | 0.0031 | | |
| 13/10/18 | 89.5875 | 0.5468 | 0.6202 | 1.1670 | 6.8823 | 268.2092 | 51.9224 | 40.8903 | 51.7806 | 0.0017 | | |
| 14/10/18 | 90.3987 | 0.4881 | 0.6146 | 1.1027 | 6.3565 | 266.7017 | 51.4932 | 40.6095 | 51.6658 | 0.0014 | | |
| 15/10/18 | 89.5497 | 0.6014 | 0.6061 | 1.2075 | 6.8397 | 266.2378 | 47.0181 | 40.8903 | 51.7474 | 0.0037 | | |
| 16/10/18 | 89.4792 | 0.6796 | 0.6066 | 1.2862 | 6.8277 | 266.8263 | 45.3037 | 40.8603 | 51.6806 | 0.0039 | | |
| 17/10/18 | 89.8147 | 0.6782 | 0.6146 | 1.2928 | 6.5992 | 267.9617 | 47.9460 | 40.7106 | 51.5944 | 0.0061 | | |
| 18/10/18 | 89.3079 | 0.7919 | 0.6146 | 1.4065 | 6.8843 | 266.7871 | 51.9275 | 40.8192 | 51.5790 | 0.0023 | | |
| 19/10/18 | 89.2137 | 0.8951 | 0.6099 | 1.5050 | 6.8782 | 267.8633 | 48.9077 | 40.7817 | 51.4906 | 0.0157 | | |
| 20/10/18 | 89.2994 | 0.9125 | 0.6081 | 1.5206 | 6.7991 | 267.8890 | 54.1410 | 40.7405 | 51.4591 | 0.0035 | | |
| 21/10/18 | 89.7078 | 0.8267 | 0.6018 | 1.4285 | 6.5596 | 267.1891 | 55.7717 | 40.6619 | 51.4749 | 0.0016 | | |
| 22/10/18 | 89.7448 | 0.8735 | 0.5883 | 1.4618 | 6.4571 | 267.9366 | 58.6630 | 40.6507 | 51.4401 | 0.0023 | | |
| 23/10/18 | 89.6878 | 0.8950 | 0.6019 | 1.4969 | 6.5739 | 267.1308 | 59.6849 | 40.5833 | 51.3836 | 0.0032 | | |
| 24/10/18 | 89.9112 | 0.9341 | 0.5911 | 1.5252 | 6.3675 | 264.4538 | 54.5348 | 40.4859 | 51.3097 | 0.0024 | | |
| 25/10/18 | 89.4808 | 0.9769 | 0.6139 | 1.5908 | 6.6547 | 267.0733 | 55.1595 | 40.5870 | 51.3266 | 0.0045 | | |
| 26/10/18 | 89.6894 | 0.7727 | 0.6269 | 1.3996 | 6.6624 | 262.2597 | 53.0640 | 40.6319 | 51.4824 | 0.0038 | | |
| 27/10/18 | 94.9276 | 0.3932 | 0.9354 | 1.3286 | 3.0711 | 249.4793 | 52.2276 | 38.5951 | 50.4565 | 0.0031 | | |
| 28/10/18 | 93.2173 | 0.5500 | 0.6132 | 1.1632 | 4.2183 | 241.2951 | 60.5361 | 39.4712 | 50.9869 | 0.0046 | | |
| 29/10/18 | 90.4207 | 0.7799 | 0.6208 | 1.4007 | 6.1356 | 247.4566 | 63.5568 | 40.3474 | 51.3199 | 0.0035 | | |
| 30/10/18 | 90.0216 | 0.9305 | 0.5938 | 1.5243 | 6.3136 | 248.4274 | 48.8144 | 40.2212 | 51.0192 | 0.0032 | | |
| 31/10/18 | 90.1751 | 0.9269 | 0.5970 | 1.5239 | 6.1808 | 249.0970 | 39.6530 | 40.1653 | 50.9894 | 0.2336 | | |

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

** N.D.: No detectado

| | | | | | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|------------|-------------|
| Mínimo | 89.0708 | 0.3932 | 0.5883 | 1.1027 | 3.0711 | 241.2951 | 39.6530 | 38.5951 | 50.4565 | 0.0014 |
| Promedio | 89.9001 | 0.8035 | 0.6194 | 1.4229 | 6.4725 | 258.5602 | 50.0564 | 40.5422 | 51.4050 | 0.0120 |
| Máximo | 94.9276 | 1.0799 | 0.9354 | 1.6886 | 6.9231 | 268.2718 | 63.5568 | 40.9165 | 51.7806 | 0.2336 |
| Desv. Est. | 1.196480734 | 0.185205479 | 0.059359166 | 0.167489077 | 0.808797525 | 9.68965557 | 6.084939216 | 0.464571867 | 0.28490295 | 0.041575503 |

Observaciones:

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)

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|---------------------------|--|
| PERMISIONARIO: | GASODUCTO DE AGUAPRIETA S. DE R.L. DE C.V. (SAN ISIDRO) |
| PUNTO DE MEDICIÓN: | SAN ELIZARIO (ENERGY TRANSFER) |
| 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/m3) | Poder Calorífico (MJ/m3) | Índice Wobbe (MJ/m3) | Acido Sulfhídrico (mg/m3) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/10/18 | 90.3707 | 1.0528 | 0.7582 | 1.6660 | 6.9068 | 258.6246 | 52.2002 | 40.6912 | 51.3875 | 1.2253 |
| 02/10/18 | 94.0291 | 1.0786 | 0.8360 | 1.6103 | 6.8314 | 260.4060 | 67.6465 | 40.8612 | 51.7804 | 0.0473 |
| 03/10/18 | 91.0673 | 1.0415 | 0.6427 | 1.6367 | 6.8431 | 256.6407 | 53.1459 | 40.6317 | 51.6010 | 0.0091 |
| 04/10/18 | 93.2715 | 0.9498 | 0.9055 | 1.6524 | 6.9088 | 255.8000 | 59.1353 | 40.8664 | 51.6420 | 0.2100 |
| 05/10/18 | 91.1049 | 0.9389 | 0.8277 | 1.5732 | 6.5988 | 253.7755 | 56.4558 | 40.8103 | 51.5664 | 0.0073 |
| 06/10/18 | 91.6366 | 1.0392 | 0.8335 | 1.6831 | 6.9159 | 259.6553 | 56.6135 | 40.6570 | 51.3318 | 0.0038 |
| 07/10/18 | 90.4313 | 1.0799 | 0.7947 | 1.6886 | 6.9175 | 254.7794 | 52.3578 | 40.8259 | 51.4776 | 0.0038 |
| 08/10/18 | 91.7392 | 1.0770 | 0.6623 | 1.6742 | 6.9231 | 259.0604 | 46.9989 | 40.7823 | 51.4716 | 0.0038 |
| 09/10/18 | 94.5884 | 0.9320 | 0.9165 | 1.4696 | 6.8916 | 260.4818 | 48.7327 | 40.8410 | 51.7664 | 0.0056 |
| 10/10/18 | 93.5464 | 0.8564 | 0.9287 | 1.3041 | 6.9202 | 267.7821 | 59.1353 | 40.9166 | 51.7644 | 0.0091 |
| 11/10/18 | 92.9660 | 1.0760 | 0.7251 | 1.5581 | 6.8853 | 269.5494 | 61.0267 | 40.9055 | 51.7687 | 0.1733 |
| 12/10/18 | 91.5451 | 1.0649 | 0.8676 | 1.3504 | 6.9043 | 268.0156 | 54.2492 | 40.9149 | 51.7604 | 0.0056 |
| 13/10/18 | 92.0956 | 0.5660 | 0.6949 | 1.6363 | 6.8996 | 269.9709 | 56.1406 | 40.9086 | 51.7807 | 0.0038 |
| 14/10/18 | 93.6470 | 0.9029 | 0.6244 | 1.4056 | 6.9194 | 269.9177 | 57.2439 | 40.8073 | 51.7066 | 0.0038 |
| 15/10/18 | 92.5719 | 0.7327 | 0.6156 | 1.3098 | 6.8505 | 270.1403 | 49.6784 | 40.9090 | 51.7736 | 0.3323 |
| 16/10/18 | 93.0962 | 0.9882 | 0.6069 | 1.5113 | 6.8461 | 269.8375 | 46.9989 | 40.8876 | 51.7643 | 0.0073 |
| 17/10/18 | 91.0057 | 0.9028 | 0.6911 | 1.5153 | 6.6448 | 270.6333 | 49.6784 | 40.8666 | 51.7513 | 0.0108 |
| 18/10/18 | 93.5341 | 0.8999 | 0.7269 | 1.5898 | 6.8950 | 267.1036 | 55.1949 | 40.8214 | 51.7739 | 0.0154 |
| 19/10/18 | 90.1640 | 1.0435 | 0.8735 | 1.5435 | 6.8898 | 269.4801 | 72.5326 | 40.8290 | 51.6458 | 0.0199 |
| 20/10/18 | 93.7433 | 1.0609 | 0.8409 | 1.6050 | 6.9065 | 270.7590 | 58.0320 | 40.9065 | 51.5032 | 0.0056 |
| 21/10/18 | 90.1279 | 0.9580 | 0.8705 | 1.4577 | 6.7596 | 267.4845 | 64.3366 | 40.7425 | 51.6305 | 0.0056 |
| 22/10/18 | 91.8881 | 0.9537 | 0.9327 | 1.6780 | 6.5754 | 269.5652 | 68.7498 | 40.9084 | 51.7019 | 0.3516 |
| 23/10/18 | 92.1034 | 1.0569 | 0.7829 | 1.5136 | 6.6047 | 270.0747 | 66.7008 | 40.6594 | 51.7225 | 0.0056 |
| 24/10/18 | 92.5973 | 1.0243 | 0.6800 | 1.6016 | 6.6484 | 265.3669 | 59.1353 | 40.5522 | 51.4217 | 0.0073 |
| 25/10/18 | 91.1636 | 1.0049 | 0.6449 | 1.6820 | 6.8455 | 270.2264 | 70.7988 | 40.9066 | 51.5342 | 0.1052 |
| 26/10/18 | 94.2172 | 1.0389 | 0.8042 | 1.6090 | 6.7638 | 262.8058 | 62.1300 | 40.7064 | 51.5204 | 0.0929 |
| 27/10/18 | 94.9276 | 0.4112 | 0.9354 | 1.4642 | 4.0612 | 263.2711 | 58.9777 | 40.7736 | 51.7715 | 0.0073 |
| 28/10/18 | 94.3852 | 0.7163 | 0.6613 | 1.2375 | 6.8115 | 255.3722 | 81.9895 | 39.9409 | 51.3897 | 0.7063 |
| 29/10/18 | 92.9252 | 0.8093 | 0.6652 | 1.5727 | 6.7532 | 258.6671 | 84.9842 | 40.7332 | 51.3908 | 0.1314 |
| 30/10/18 | 94.0257 | 0.9463 | 0.7773 | 1.6562 | 6.4626 | 256.7999 | 62.1300 | 40.4260 | 51.3880 | 0.0056 |
| 31/10/18 | 91.2687 | 1.0199 | 0.8963 | 1.5326 | 6.4068 | 258.1131 | 43.6890 | 40.6682 | 51.1832 | 1.6132 |
| Máximo | 94.9276 | 1.0799 | 0.9354 | 1.6886 | 6.9231 | 270.7590 | 84.9842 | 40.9166 | 51.7807 | 1.6132 |

Observaciones:

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros mínimos diarios)**

| | |
|---------------------------|--|
| PERMISIONARIO: | GASODUCTO DE AGUAPRIETA S. DE R.L. DE C.V. (SAN ISIDRO) |
| PUNTO DE MEDICIÓN: | SAN ELIZARIO (ENERGY TRANSFER) |
| 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/m3) | Poder Calorífico (MJ/m3) | Índice Wobbe (MJ/m3) | Acido Sulhídrico (mg/m3) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|-----------------------------|
| 01/10/18 | 89.0752 | 0.5448 | 0.5970 | 1.1418 | 3.9051 | 246.6190 | 33.7592 | 39.0465 | 50.6361 | 0.0050 |
| 02/10/18 | 89.2054 | 0.8683 | 0.6002 | 1.4685 | 4.9050 | 246.0168 | 21.7625 | 39.0267 | 50.9114 | 0.0038 |
| 03/10/18 | 89.0935 | 0.8890 | 0.6025 | 1.4915 | 4.1444 | 246.5817 | 27.4546 | 39.6621 | 51.2416 | 0.0043 |
| 04/10/18 | 89.7263 | 0.8488 | 0.6158 | 1.4646 | 6.0586 | 242.5705 | 24.9328 | 40.2863 | 50.5069 | 0.0031 |
| 05/10/18 | 89.3615 | 0.5954 | 0.6218 | 1.2172 | 5.3944 | 241.9417 | 35.0202 | 39.9428 | 51.0754 | 0.0032 |
| 06/10/18 | 89.1261 | 0.9685 | 0.5977 | 1.5662 | 6.8231 | 243.6546 | 26.1937 | 39.8211 | 50.8978 | 0.0024 |
| 07/10/18 | 89.0708 | 0.8807 | 0.6021 | 1.4828 | 3.5485 | 246.6389 | 33.9169 | 40.3048 | 51.0996 | 0.0026 |
| 08/10/18 | 89.0717 | 0.9462 | 0.5891 | 1.5353 | 3.8404 | 246.9075 | 28.4003 | 38.6638 | 51.2698 | 0.0019 |
| 09/10/18 | 89.2532 | 0.5572 | 0.6029 | 1.1601 | 4.0605 | 249.9437 | 30.2917 | 38.7875 | 51.2414 | 0.0020 |
| 10/10/18 | 89.4618 | 0.3955 | 0.5946 | 0.9901 | 5.9977 | 264.0534 | 38.3301 | 38.7060 | 51.2161 | 0.0032 |
| 11/10/18 | 89.1842 | 0.4700 | 0.5906 | 1.0606 | 5.0217 | 264.8861 | 33.1288 | 39.5597 | 51.1176 | 0.0020 |
| 12/10/18 | 89.0759 | 0.5952 | 0.5893 | 1.1845 | 5.7934 | 264.9854 | 39.5910 | 39.9001 | 51.1012 | 0.0031 |
| 13/10/18 | 89.5401 | 0.4025 | 0.6200 | 1.0225 | 5.1923 | 265.0171 | 33.9169 | 40.4777 | 50.6219 | 0.0017 |
| 14/10/18 | 89.4541 | 0.4665 | 0.6084 | 1.0749 | 3.9310 | 261.6981 | 33.1288 | 39.5709 | 51.3819 | 0.0014 |
| 15/10/18 | 89.1822 | 0.4064 | 0.6052 | 1.0116 | 4.6961 | 264.0238 | 31.2374 | 38.7983 | 51.5598 | 0.0037 |
| 16/10/18 | 89.4625 | 0.5856 | 0.6052 | 1.1908 | 4.2411 | 264.3042 | 28.2427 | 39.2140 | 51.6024 | 0.0039 |
| 17/10/18 | 89.3080 | 0.6747 | 0.5962 | 1.2709 | 3.5099 | 266.5492 | 29.3460 | 39.9897 | 51.3907 | 0.0060 |
| 18/10/18 | 89.1270 | 0.5316 | 0.5911 | 1.1227 | 5.5006 | 262.8951 | 33.1288 | 39.9783 | 50.7989 | 0.0023 |
| 19/10/18 | 89.1873 | 0.8544 | 0.5997 | 1.4541 | 5.9134 | 265.5791 | 32.7625 | 39.1082 | 51.0982 | 0.0156 |
| 20/10/18 | 89.1068 | 0.6165 | 0.5903 | 1.2068 | 4.0947 | 265.2132 | 33.9169 | 39.1467 | 50.7134 | 0.0035 |
| 21/10/18 | 89.2521 | 0.4076 | 0.6015 | 1.0091 | 3.3835 | 264.0009 | 35.3354 | 39.8939 | 50.5710 | 0.0016 |
| 22/10/18 | 89.4242 | 0.4499 | 0.5883 | 1.0382 | 6.3936 | 264.2955 | 37.0692 | 40.1841 | 50.4855 | 0.0023 |
| 23/10/18 | 89.4477 | 0.5073 | 0.5983 | 1.1056 | 5.9457 | 232.9701 | 54.8797 | 38.9335 | 51.0421 | 0.0032 |
| 24/10/18 | 89.4964 | 0.8137 | 0.5891 | 1.4028 | 4.3397 | 252.1658 | 35.9659 | 38.8985 | 50.5600 | 0.0024 |
| 25/10/18 | 89.2840 | 0.6895 | 0.6073 | 1.2968 | 4.2657 | 257.6720 | 33.9169 | 39.6493 | 50.9668 | 0.0045 |
| 26/10/18 | 89.6867 | 0.7233 | 0.6269 | 1.3502 | 6.1515 | 255.5975 | 33.9169 | 39.0656 | 51.3926 | 0.0038 |
| 27/10/18 | 90.7937 | 0.3932 | 0.6794 | 1.0726 | 3.0711 | 215.6284 | 33.1288 | 38.5952 | 50.4566 | 0.0031 |
| 28/10/18 | 92.8243 | 0.4691 | 0.6005 | 1.0696 | 3.3064 | 212.9952 | 35.1778 | 38.8753 | 50.5266 | 0.0046 |
| 29/10/18 | 89.2525 | 0.5583 | 0.5885 | 1.1468 | 5.1995 | 243.4767 | 38.1725 | 39.1892 | 50.8402 | 0.0035 |
| 30/10/18 | 89.1809 | 0.6362 | 0.5929 | 1.2291 | 5.9195 | 244.8746 | 30.1341 | 39.1735 | 50.4743 | 0.0032 |
| 31/10/18 | 89.6466 | 0.4637 | 0.5938 | 1.0575 | 5.7023 | 244.4174 | 27.2970 | 40.0508 | 50.6270 | 0.2325 |
| Mínimo | 89.0708 | 0.3932 | 0.5883 | 0.9901 | 3.0711 | 212.9952 | 21.7625 | 38.5952 | 50.4566 | 0.0014 |

Observaciones: