

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)

| | |
|---------------------------|---|
| PERMISIONARIO: | GASODUCTO DE AGUAPRIETA S. DE R.L. DE C.V. (SAN ISIDRO) (G/13491/TRA/2016) |
| 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) | Azufre total* (mg/m3) | Oxígeno* (% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|-----------------------------|--------------------------|---------------------|
| 01/07/19 | 95.2328 | 0.3574 | 0.7734 | 1.1308 | 2.8657 | 207.2490 | 30.8888 | 38.6784 | 50.6062 | 0.0054 | Menor a 10.8 | N.D. |
| 02/07/19 | 91.7770 | 0.4014 | 0.7388 | 1.1402 | 5.7142 | 206.0960 | 28.9047 | 39.8382 | 51.2458 | 0.0044 | | |
| 03/07/19 | 92.7559 | 0.2819 | 0.7581 | 1.0399 | 4.7688 | 208.8900 | 21.6376 | 39.1970 | 50.8241 | 0.0037 | | |
| 04/07/19 | 95.5887 | 0.2914 | 0.7884 | 1.0798 | 2.6863 | 225.0630 | 21.8399 | 38.5625 | 50.5808 | 0.0031 | | |
| 05/07/19 | 93.8467 | 0.3331 | 0.7729 | 1.1061 | 4.3456 | 208.2410 | 20.5607 | 39.0573 | 50.8375 | 0.0061 | | |
| 06/07/19 | 94.6265 | 0.3116 | 0.7879 | 1.0995 | 3.5899 | 206.1240 | 15.3966 | 38.8349 | 50.7209 | 0.0021 | | |
| 07/07/19 | 96.2089 | 0.1466 | 0.8915 | 1.0381 | 2.6950 | 226.4060 | 16.5912 | 38.1892 | 50.4247 | 0.0023 | | |
| 08/07/19 | 96.3215 | 0.1076 | 1.2708 | 1.3784 | 2.2143 | 220.8450 | 20.2297 | 37.9404 | 50.1334 | 0.0106 | | |
| 09/07/19 | 95.1284 | 0.2452 | 0.8051 | 1.0504 | 3.4020 | 207.5770 | 17.6985 | 38.6251 | 50.6416 | 0.0032 | | |
| 10/07/19 | 95.2362 | 0.2815 | 0.8114 | 1.0930 | 3.1480 | 220.6500 | 20.7107 | 38.6069 | 50.6021 | 0.0040 | | |
| 11/07/19 | 95.3724 | 0.2650 | 0.8219 | 1.0869 | 3.0591 | 255.3720 | 15.3162 | 38.5573 | 50.5808 | 0.0048 | | |
| 12/07/19 | 95.7964 | 0.2409 | 0.8269 | 1.0678 | 2.7314 | 230.5385 | 14.1922 | 38.4199 | 50.5175 | 0.0047 | | |
| 13/07/19 | 96.1263 | 0.2046 | 0.8882 | 1.0929 | 2.4622 | 205.7050 | 15.5783 | 38.2772 | 50.4340 | 0.0047 | | |
| 14/07/19 | 96.3692 | 0.1289 | 1.1053 | 1.2342 | 2.1935 | 198.8090 | 14.1949 | 38.0678 | 50.2675 | 0.0047 | | |
| 15/07/19 | 96.4673 | 0.1085 | 1.0979 | 1.2064 | 2.1472 | 199.4730 | 13.7192 | 38.0495 | 50.2750 | 0.0244 | | |
| 16/07/19 | 95.7914 | 0.1226 | 1.1434 | 1.2661 | 2.6954 | 198.6160 | 14.0743 | 38.2071 | 50.3230 | 0.0048 | | |
| 17/07/19 | 96.4472 | 0.0849 | 1.0879 | 1.1728 | 2.2031 | 202.3690 | 11.2428 | 38.0570 | 50.2895 | 0.0047 | | |
| 18/07/19 | 96.1203 | 0.1262 | 0.9270 | 1.0532 | 2.6268 | 203.3060 | 12.3433 | 38.2377 | 50.4378 | 0.0075 | | |
| 19/07/19 | 96.1688 | 0.1172 | 0.9518 | 1.0689 | 2.6763 | 203.7340 | 14.3672 | 38.1766 | 50.3983 | 0.0145 | | |
| 20/07/19 | 96.1446 | 0.1217 | 0.9394 | 1.0611 | 2.6515 | 203.5200 | 13.3553 | 38.2071 | 50.4180 | 0.0110 | | |
| 21/07/19 | 95.7926 | 0.1105 | 1.1124 | 1.2229 | 2.9160 | 210.9925 | 7.8844 | 38.1732 | 50.3264 | 0.0047 | | |
| 22/07/19 | 95.9072 | 0.1164 | 1.1257 | 1.2421 | 2.7856 | 214.1260 | 7.6786 | 38.1270 | 50.2895 | 0.0047 | | |
| 23/07/19 | 95.6780 | 0.1046 | 1.0991 | 1.2037 | 3.0464 | 207.8590 | 8.0903 | 38.2194 | 50.3633 | 0.0047 | | |
| 24/07/19 | 94.9138 | 0.0976 | 0.9858 | 1.0835 | 3.2734 | 201.2480 | 9.1521 | 38.7507 | 50.7183 | 0.0047 | | |
| 25/07/19 | 93.1947 | 0.0993 | 1.0405 | 1.1398 | 4.1948 | 209.1320 | 15.7816 | 39.4533 | 51.0823 | 0.9189 | | |
| 26/07/19 | 95.9107 | 0.1042 | 0.9803 | 1.0846 | 2.8756 | 219.6940 | 15.7205 | 38.2511 | 50.4363 | 0.0020 | | |
| 27/07/19 | 96.1321 | 0.1023 | 1.0292 | 1.1315 | 2.6321 | 220.4790 | 14.6772 | 38.1475 | 50.3562 | 0.0033 | | |
| 28/07/19 | 97.1993 | 0.0906 | 0.9856 | 1.0762 | 1.6795 | 219.6740 | 12.6674 | 37.8621 | 50.2221 | 0.0019 | | |
| 29/07/19 | 95.4003 | 0.1400 | 0.9665 | 1.1065 | 3.0582 | 221.6730 | 11.0868 | 38.1341 | 50.2489 | 0.0015 | | |
| 30/07/19 | 92.7817 | 0.1754 | 1.0685 | 1.2439 | 5.7064 | 229.6640 | 12.5371 | 39.0752 | 50.8148 | 0.2871 | | |
| 31/07/19 | 93.0907 | 0.1369 | 1.2296 | 1.3665 | 5.1547 | 223.8330 | 13.9132 | 38.9541 | 50.6978 | 0.0022 | | |

*/ 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 | 91.7770 | 0.0849 | 0.7388 | 1.0381 | 1.6795 | 198.6160 | 7.6786 | 37.8621 | 50.1334 | 0.0015 |
| Promedio | 95.2751 | 0.1792 | 0.9617 | 1.1409 | 3.1677 | 213.4503 | 15.5494 | 38.4818 | 50.5198 | 0.0441 |
| Máximo | 97.1993 | 0.4014 | 1.2708 | 1.3784 | 5.7142 | 255.3720 | 30.8888 | 39.8382 | 51.2458 | 0.9189 |
| Desv. Est. | 1.314043678 | 0.09271097 | 0.14910299 | 0.090970585 | 1.017370885 | 12.33764314 | 5.3915333 | 0.473009389 | 0.25792936 | 0.170111452 |

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) (G/13491/TRA/2016) |
| 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/07/19 | 95.6305 | 0.3719 | 0.7759 | 1.1478 | 3.2780 | 212.3070 | 39.7486 | 38.8822 | 50.7168 | 0.0493 |
| 02/07/19 | 92.6699 | 0.4102 | 0.7503 | 1.1604 | 5.8231 | 209.3050 | 31.3950 | 39.8821 | 51.2760 | 0.0073 |
| 03/07/19 | 95.8517 | 0.3675 | 0.7962 | 1.1637 | 5.6492 | 255.3720 | 35.1778 | 39.8587 | 51.3200 | 0.0073 |
| 04/07/19 | 96.2319 | 0.3240 | 0.7986 | 1.1226 | 3.6956 | 255.3720 | 27.4546 | 38.9541 | 50.7954 | 0.0056 |
| 05/07/19 | 94.9333 | 0.4497 | 0.7878 | 1.2375 | 4.8327 | 255.3720 | 29.1884 | 39.2317 | 50.9247 | 0.0440 |
| 06/07/19 | 95.5117 | 0.3598 | 0.8159 | 1.1756 | 4.6722 | 255.3720 | 21.7805 | 39.1359 | 50.8755 | 0.0091 |
| 07/07/19 | 96.4668 | 0.2261 | 1.4742 | 1.7004 | 3.4048 | 255.3720 | 23.5143 | 38.4396 | 50.5954 | 0.0038 |
| 08/07/19 | 96.4925 | 0.1260 | 1.4441 | 1.5700 | 2.3690 | 255.3720 | 25.5633 | 38.0220 | 50.2101 | 0.2607 |
| 09/07/19 | 95.6031 | 0.3377 | 0.8145 | 1.1521 | 3.9202 | 255.3720 | 26.1937 | 38.9355 | 50.7515 | 0.0056 |
| 10/07/19 | 95.3794 | 0.3228 | 0.8247 | 1.1474 | 3.6502 | 255.3720 | 28.2427 | 38.8647 | 50.7276 | 0.0073 |
| 11/07/19 | 95.6097 | 0.3058 | 0.8294 | 1.1352 | 3.3514 | 255.3720 | 22.5686 | 38.6914 | 50.6367 | 0.0091 |
| 12/07/19 | 96.0993 | 0.2800 | 0.9216 | 1.2016 | 2.9446 | 255.3720 | 20.6772 | 38.5264 | 50.5633 | 0.0056 |
| 13/07/19 | 96.6489 | 0.2371 | 1.0228 | 1.2598 | 2.6236 | 255.3720 | 24.7752 | 38.3699 | 50.4828 | 0.0056 |
| 14/07/19 | 96.5523 | 0.1515 | 1.1351 | 1.2866 | 2.4499 | 255.3720 | 21.7805 | 38.1553 | 50.3506 | 0.0056 |
| 15/07/19 | 96.9145 | 0.1535 | 1.2036 | 1.3572 | 2.7747 | 255.3720 | 21.6229 | 38.2857 | 50.3577 | 1.4175 |
| 16/07/19 | 96.4725 | 0.1446 | 1.4123 | 1.5569 | 3.2053 | 202.3300 | 24.7752 | 38.4016 | 50.4378 | 0.0073 |
| 17/07/19 | 96.6234 | 0.1184 | 1.2218 | 1.3403 | 2.4717 | 255.3720 | 18.9434 | 38.1647 | 50.3737 | 0.0056 |
| 18/07/19 | 96.3088 | 0.1509 | 1.0084 | 1.1593 | 2.9483 | 255.3720 | 20.5196 | 38.3897 | 50.5331 | 0.3935 |
| 19/07/19 | 96.3729 | 0.1365 | 1.0201 | 1.1566 | 2.9535 | 255.3720 | 19.7315 | 38.2392 | 50.4389 | 0.7150 |
| 20/07/19 | 96.3409 | 0.1437 | 1.0142 | 1.1579 | 2.9509 | 255.3720 | 20.1256 | 38.3144 | 50.4860 | 0.5543 |
| 21/07/19 | 96.1176 | 0.1318 | 1.2843 | 1.4161 | 3.2653 | 223.5210 | 12.2448 | 38.2882 | 50.4096 | 0.0073 |
| 22/07/19 | 96.2688 | 0.1382 | 1.3659 | 1.5041 | 3.1449 | 223.5240 | 11.2203 | 38.2459 | 50.3759 | 0.0091 |
| 23/07/19 | 95.9664 | 0.1254 | 1.2026 | 1.3280 | 3.3858 | 223.5180 | 13.2693 | 38.3304 | 50.4434 | 0.0056 |
| 24/07/19 | 96.6751 | 0.1375 | 1.0959 | 1.2334 | 6.0025 | 255.3720 | 14.3726 | 40.9339 | 51.9652 | 0.0056 |
| 25/07/19 | 97.0785 | 0.1243 | 1.1780 | 1.3023 | 5.7603 | 255.3720 | 29.0308 | 40.6012 | 51.7607 | 0.9345 |
| 26/07/19 | 96.7637 | 0.1247 | 1.1006 | 1.2253 | 4.2291 | 230.3760 | 25.8785 | 38.7335 | 50.7306 | 0.0056 |
| 27/07/19 | 97.0583 | 0.1220 | 1.0650 | 1.1870 | 4.4918 | 226.9780 | 25.5633 | 38.9142 | 50.8189 | 0.0073 |
| 28/07/19 | 97.7832 | 0.1118 | 1.0883 | 1.2001 | 2.1134 | 224.5520 | 25.5633 | 37.9970 | 50.3808 | 0.0056 |
| 29/07/19 | 97.0772 | 0.1693 | 1.0582 | 1.2276 | 4.6303 | 232.9780 | 25.8785 | 38.7514 | 50.6579 | 0.0056 |
| 30/07/19 | 93.9344 | 0.2284 | 1.2328 | 1.4612 | 6.3507 | 230.7220 | 25.5633 | 39.3147 | 50.9273 | 0.2996 |
| 31/07/19 | 94.0745 | 0.2324 | 1.3012 | 1.5335 | 6.4915 | 226.9170 | 25.7209 | 39.2179 | 50.8275 | 0.0056 |

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|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|
| Máximo | 97.7832 | 0.4497 | 1.4742 | 1.7004 | 6.4915 | 255.3720 | 39.7486 | 40.9339 | 51.9652 | 1.4175 |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|

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) (G/13491/TRA/2016)
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 Sulfidrico (mg/m3) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|-----------------------------|
| 01/07/19 | 94.6782 | 0.3479 | 0.7693 | 1.1172 | 2.5404 | 203.0250 | 19.7315 | 38.5413 | 50.5313 | 0.0012 |
| | 91.6602 | 0.3713 | 0.7367 | 1.1080 | 5.0016 | 202.8260 | 16.8944 | 39.5416 | 51.0946 | 0.0021 |
| 03/07/19 | 92.2118 | 0.2006 | 0.7556 | 0.9562 | 3.5661 | 202.9255 | 14.5302 | 38.9478 | 50.3030 | 0.0017 |
| 04/07/19 | 94.4030 | 0.2731 | 0.7745 | 1.0476 | 2.1306 | 194.2590 | 12.1660 | 38.3539 | 50.4631 | 0.0014 |
| 05/07/19 | 93.3171 | 0.2760 | 0.7578 | 1.0339 | 3.4648 | 196.1130 | 13.1116 | 38.7157 | 50.6725 | 0.0032 |
| 06/07/19 | 93.6772 | 0.1552 | 0.7767 | 0.9318 | 2.9505 | 195.1530 | 10.1170 | 38.4430 | 50.5968 | 0.0020 |
| 07/07/19 | 95.5261 | 0.0627 | 0.8102 | 0.8729 | 2.1892 | 195.0620 | 9.1713 | 37.8871 | 50.0436 | 0.0020 |
| 08/07/19 | 96.1634 | 0.0682 | 1.1894 | 1.2576 | 2.1413 | 195.7530 | 14.0573 | 37.8890 | 50.0514 | 0.0036 |
| 09/07/19 | 94.2175 | 0.2078 | 0.7976 | 1.0054 | 3.0786 | 195.0840 | 7.4375 | 38.4664 | 50.5689 | 0.0030 |
| 10/07/19 | 94.5205 | 0.2649 | 0.7968 | 1.0617 | 3.0147 | 196.4330 | 12.1660 | 38.5454 | 50.5704 | 0.0034 |
| 11/07/19 | 95.0159 | 0.2423 | 0.8148 | 1.0571 | 2.8994 | 255.3720 | 6.4918 | 38.4687 | 50.5358 | 0.0036 |
| 12/07/19 | 95.4706 | 0.2050 | 0.8095 | 1.0145 | 2.5671 | 225.9820 | 5.2309 | 38.3155 | 50.4411 | 0.0038 |
| 13/07/19 | 95.8359 | 0.1366 | 0.8113 | 0.9479 | 2.1347 | 196.5920 | 6.4918 | 38.0618 | 50.2951 | 0.0038 |
| 14/07/19 | 96.0945 | 0.0938 | 1.0115 | 1.1052 | 2.0722 | 196.8190 | 6.3342 | 37.9966 | 50.2232 | 0.0038 |
| 15/07/19 | 95.5406 | 0.0762 | 1.0575 | 1.1337 | 1.8571 | 195.6210 | 5.3885 | 37.9102 | 50.1781 | 0.0038 |
| 16/07/19 | 95.1229 | 0.1061 | 0.9863 | 1.0924 | 2.2391 | 196.7170 | 5.2309 | 38.0849 | 50.1434 | 0.0038 |
| 17/07/19 | 96.1793 | 0.0537 | 1.0088 | 1.0624 | 1.9553 | 194.9860 | 4.2852 | 37.9325 | 50.1777 | 0.0038 |
| 18/07/19 | 95.7243 | 0.1000 | 0.8669 | 0.9669 | 2.3855 | 195.9620 | 4.2852 | 38.1322 | 50.3539 | 0.0038 |
| 19/07/19 | 95.8958 | 0.0973 | 0.8950 | 0.9923 | 2.5220 | 194.6380 | 8.0680 | 38.1382 | 50.3577 | 0.0021 |
| 20/07/19 | 95.8101 | 0.0986 | 0.8809 | 0.9796 | 2.4537 | 195.3000 | 6.1766 | 38.1352 | 50.3558 | 0.0030 |
| 21/07/19 | 95.4650 | 0.0772 | 1.0342 | 1.1113 | 2.5050 | 203.3670 | 4.2064 | 37.9940 | 50.1632 | 0.0021 |
| 22/07/19 | 95.5752 | 0.0664 | 0.8047 | 1.1132 | 2.2448 | 205.6540 | 5.2309 | 37.8957 | 50.0801 | 0.0030 |
| 23/07/19 | 95.3547 | 0.0879 | 1.0216 | 1.1095 | 2.7651 | 201.0800 | 3.1819 | 38.0924 | 50.2463 | 0.0038 |
| 24/07/19 | 90.1315 | 0.0747 | 0.8852 | 0.9599 | 2.2533 | 195.7410 | 5.2309 | 38.0413 | 50.3409 | 0.0038 |
| 25/07/19 | 90.6808 | 0.0757 | 0.9311 | 1.0067 | 1.6368 | 196.0100 | 7.1223 | 37.7854 | 50.0958 | 0.0035 |
| 26/07/19 | 94.4344 | 0.0889 | 0.8866 | 0.9755 | 1.9807 | 198.8930 | 8.2256 | 37.9076 | 50.1859 | 0.0016 |
| 27/07/19 | 93.9634 | 0.0863 | 0.9624 | 1.0487 | 1.7309 | 209.7810 | 9.0137 | 37.8584 | 50.1855 | 0.0032 |
| 28/07/19 | 96.6722 | 0.0645 | 0.8366 | 0.9010 | 1.2702 | 210.4050 | 6.1766 | 37.7958 | 50.1658 | 0.0016 |
| 29/07/19 | 94.2934 | 0.1115 | 0.9267 | 1.0381 | 2.9687 | 218.2205 | 6.6494 | 38.0960 | 50.1986 | 0.0014 |
| 30/07/19 | 91.9146 | 0.1585 | 1.0167 | 1.1752 | 4.6673 | 226.0360 | 7.1223 | 38.7600 | 50.6591 | 0.0014 |
| 31/07/19 | 91.8273 | 0.0568 | 1.1635 | 1.2203 | 3.9342 | 220.8090 | 8.0680 | 38.6691 | 50.5641 | 0.0014 |

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|---------------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|
| Mínimo | 90.1315 | 0.0537 | 0.7367 | 0.8729 | 1.2702 | 194.2590 | 3.1819 | 37.7854 | 50.0436 | 0.0012 |
|---------------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|

Observaciones: