

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio 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) | Azufre total* (mg/m3) | Oxígeno* (% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|--------------------------|---------------------|
| 01/09/18 | 89.4850 | 0.9087 | 0.5994 | 1.5081 | 6.6119 | 247.7736 | 33.1288 | 40.4894 | 51.1787 | 0.0003 | Menor a 10.8 | N.D. |
| 02/09/18 | 89.2080 | 1.1272 | 0.5895 | 1.7167 | 6.8277 | 247.0174 | 35.0202 | 40.3329 | 50.9524 | 0.0051 | | |
| 03/09/18 | 89.2795 | 1.1293 | 0.5878 | 1.7171 | 6.8531 | 246.8446 | 32.0255 | 40.2919 | 50.9291 | 0.0010 | | |
| 04/09/18 | 89.2399 | 1.1420 | 0.5846 | 1.7266 | 6.8647 | 246.6264 | 33.1288 | 40.2621 | 50.9077 | 0.0009 | | |
| 05/09/18 | 89.3048 | 1.2046 | 0.5836 | 1.7882 | 6.8419 | 246.1659 | 31.2374 | 40.2510 | 50.8570 | 0.0027 | | |
| 06/09/18 | 89.3805 | 1.0884 | 0.5882 | 1.6766 | 6.7911 | 246.6720 | 31.2374 | 40.2994 | 50.9589 | 0.0008 | | |
| 07/09/18 | 89.2206 | 1.1242 | 0.5887 | 1.7129 | 6.8990 | 246.3108 | 31.2374 | 40.2808 | 50.9272 | 0.0007 | | |
| 08/09/18 | 89.1109 | 1.1224 | 0.5917 | 1.7141 | 6.9678 | 246.3601 | 29.3460 | 40.2882 | 50.9284 | 0.0010 | | |
| 09/09/18 | 88.9152 | 1.0833 | 0.6104 | 1.6937 | 6.9694 | 246.6903 | 30.1341 | 40.3553 | 50.9847 | 0.0011 | | |
| 10/09/18 | 88.9263 | 1.0121 | 0.6035 | 1.6156 | 7.0167 | 246.6193 | 30.1341 | 40.4112 | 51.0675 | 0.0009 | | |
| 11/09/18 | 88.9017 | 1.0682 | 0.5967 | 1.6649 | 7.0355 | 245.6708 | 31.0798 | 40.3627 | 51.0063 | 0.0011 | | |
| 12/09/18 | 89.1218 | 1.0901 | 0.5977 | 1.6878 | 6.9283 | 246.2087 | 36.9115 | 40.3292 | 50.9721 | 0.0011 | | |
| 13/09/18 | 89.2264 | 1.0358 | 0.6015 | 1.6373 | 6.8377 | 247.0711 | 26.0361 | 40.3441 | 51.0154 | 0.0011 | | |
| 14/09/18 | 89.1344 | 1.0434 | 0.5997 | 1.6431 | 6.8774 | 245.5730 | 25.5633 | 40.3590 | 51.0220 | 0.0010 | | |
| 15/09/18 | 89.4207 | 1.2427 | 0.5946 | 1.8373 | 6.7070 | 245.0184 | 26.0361 | 40.1690 | 50.7818 | 0.0011 | | |
| 16/09/18 | 89.1408 | 1.0268 | 0.6029 | 1.6297 | 6.8828 | 244.7793 | 26.0361 | 40.2323 | 50.9556 | 0.0010 | | |
| 17/09/18 | 89.3541 | 1.3206 | 0.5992 | 1.9198 | 6.8013 | 245.1504 | 37.3844 | 40.0945 | 50.6876 | 0.0009 | | |
| 18/09/18 | 89.1725 | 1.0984 | 0.5930 | 1.6914 | 6.8509 | 244.9166 | 28.0851 | 40.2212 | 50.9088 | 0.0007 | | |
| 19/09/18 | 89.1781 | 1.0406 | 0.6018 | 1.6424 | 6.7108 | 245.9212 | 25.7209 | 40.2323 | 50.9474 | 0.0006 | | |
| 20/09/18 | 89.1110 | 0.9387 | 0.6153 | 1.5540 | 6.8291 | 243.7651 | 27.1394 | 40.1839 | 50.9843 | 0.0015 | | |
| 21/09/18 | 89.5487 | 1.0743 | 0.5920 | 1.6663 | 6.7340 | 243.8876 | 26.0361 | 40.2025 | 50.9138 | 0.0051 | | |
| 22/09/18 | 89.1285 | 0.9987 | 0.5998 | 1.5985 | 6.7854 | 244.8083 | 33.9169 | 40.2435 | 50.9820 | 0.0053 | | |
| 23/09/18 | 89.0726 | 0.9144 | 0.6996 | 1.6140 | 6.9461 | 241.3044 | 24.4599 | 39.8784 | 50.7892 | 0.0050 | | |
| 24/09/18 | 89.0815 | 0.8510 | 0.7793 | 1.6303 | 6.9213 | 236.8190 | 32.8136 | 39.5543 | 50.6150 | 0.0052 | | |
| 25/09/18 | 89.1422 | 1.0710 | 0.6084 | 1.6794 | 6.8297 | 234.4608 | 23.6719 | 40.2770 | 50.9510 | 0.0055 | | |
| 26/09/18 | 89.2169 | 0.9159 | 0.6775 | 1.5934 | 6.7773 | 242.5115 | 33.7592 | 40.0051 | 50.8722 | 0.0032 | | |
| 27/09/18 | 89.0754 | 0.5663 | 0.9305 | 1.4968 | 6.8067 | 224.1217 | 26.3513 | 39.0625 | 50.4631 | 0.0024 | | |
| 28/09/18 | 89.1741 | 0.2971 | 1.1174 | 1.4145 | 6.7387 | 200.4619 | 29.9765 | 38.3547 | 50.1593 | 0.0029 | | |
| 29/09/18 | 89.5844 | 1.0047 | 0.6069 | 1.6116 | 6.5362 | 198.5952 | 29.0308 | 40.4074 | 51.0669 | 0.0034 | | |
| 30/09/18 | 89.1236 | 1.0767 | 0.6053 | 1.6820 | 6.8824 | 246.7706 | 32.8136 | 40.4261 | 51.0334 | 0.0030 | | |

*/ 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 | 88.9017 | 0.2971 | 0.5836 | 1.4145 | 6.5362 | 198.5952 | 23.6719 | 38.3547 | 50.1593 | 0.0003 |
| Promedio | 89.1993 | 1.0206 | 0.6382 | 1.6588 | 6.8354 | 241.1632 | 29.9817 | 40.1401 | 50.8940 | 0.0022 |
| Máximo | 89.5844 | 1.3206 | 1.1174 | 1.9198 | 7.0355 | 247.7736 | 37.3844 | 40.4894 | 51.1787 | 0.0055 |
| Desv. Est. | 0.167409491 | 0.191591744 | 0.114916411 | 0.097348728 | 0.10977359 | 12.28059479 | 3.715702065 | 0.438063931 | 0.197179101 | 0.001727711 |

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 Sulhídrico (mg/m3) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|-----------------------------|
| 01/09/18 | 89.5485 | 1.1005 | 0.7871 | 1.8747 | 6.7466 | 258.6370 | 71.7445 | 40.4895 | 51.1787 | 0.0021 |
| 02/09/18 | 89.4865 | 1.1701 | 0.9026 | 1.8670 | 6.8501 | 257.0670 | 66.5432 | 40.3727 | 51.0627 | 0.1116 |
| 03/09/18 | 89.4572 | 1.3078 | 1.0450 | 1.7863 | 6.8838 | 257.0520 | 67.8041 | 40.4767 | 51.1738 | 0.1181 |
| 04/09/18 | 89.5672 | 1.2553 | 0.7604 | 1.8734 | 6.9557 | 255.2417 | 72.5326 | 40.4452 | 51.0000 | 0.0110 |
| 05/09/18 | 89.3937 | 1.2754 | 0.6948 | 1.7978 | 6.9174 | 257.0530 | 67.6465 | 40.4832 | 51.0159 | 0.0082 |
| 06/09/18 | 89.4662 | 1.1838 | 0.8265 | 1.8707 | 6.9992 | 259.4969 | 59.1353 | 40.3598 | 51.0534 | 0.0162 |
| 07/09/18 | 89.2835 | 1.2856 | 1.0974 | 1.8991 | 6.9466 | 258.1276 | 55.1949 | 40.3212 | 51.0169 | 0.0129 |
| 08/09/18 | 89.5415 | 1.2161 | 0.9107 | 1.7330 | 6.9800 | 259.1977 | 57.0863 | 40.3207 | 50.9508 | 0.0132 |
| 09/09/18 | 89.3727 | 1.3144 | 0.8233 | 1.8805 | 7.0238 | 258.0398 | 63.2333 | 40.4826 | 51.1206 | 0.0151 |
| 10/09/18 | 89.0659 | 1.2890 | 1.0877 | 1.7289 | 7.0181 | 255.1739 | 67.8041 | 40.4150 | 51.1344 | 0.0157 |
| 11/09/18 | 89.4999 | 1.3202 | 1.1097 | 1.8899 | 7.0355 | 255.1476 | 66.5432 | 40.4135 | 51.0799 | 0.0105 |
| 12/09/18 | 89.4455 | 1.0984 | 0.9189 | 1.7603 | 6.9748 | 261.6875 | 62.1300 | 40.4412 | 51.1684 | 0.0142 |
| 13/09/18 | 89.3524 | 1.3076 | 0.9310 | 1.6382 | 6.8595 | 257.6037 | 63.7061 | 40.3896 | 51.0836 | 0.0106 |
| 14/09/18 | 89.3412 | 1.1216 | 0.7725 | 1.7744 | 6.8872 | 259.0181 | 60.2386 | 40.4318 | 51.1227 | 0.0095 |
| 15/09/18 | 89.5235 | 1.2956 | 0.6569 | 1.8529 | 6.8378 | 259.0131 | 57.2439 | 40.4869 | 50.7950 | 0.0110 |
| 16/09/18 | 89.5188 | 1.2690 | 0.6443 | 1.7458 | 7.0073 | 255.5448 | 60.2386 | 40.3696 | 50.9674 | 0.0146 |
| 17/09/18 | 89.4028 | 1.3206 | 0.8367 | 1.9198 | 6.8800 | 253.0347 | 61.8148 | 40.3264 | 51.0711 | 0.0027 |
| 18/09/18 | 89.3799 | 1.1586 | 0.6596 | 1.8707 | 7.0011 | 253.2325 | 64.3366 | 40.3606 | 50.9557 | 0.0045 |
| 19/09/18 | 89.1962 | 1.1751 | 1.1141 | 1.7435 | 6.7205 | 256.6978 | 64.3366 | 40.4783 | 50.9554 | 0.0062 |
| 20/09/18 | 89.3360 | 1.0113 | 0.7616 | 1.9039 | 7.0235 | 255.5533 | 46.6837 | 40.4338 | 51.1697 | 0.0168 |
| 21/09/18 | 89.5550 | 1.0746 | 0.9155 | 1.6808 | 6.8111 | 256.7581 | 55.1949 | 40.2866 | 51.1149 | 0.0088 |
| 22/09/18 | 89.3213 | 1.0748 | 1.0905 | 1.7292 | 6.8954 | 255.6285 | 55.0373 | 40.2533 | 51.1228 | 0.0113 |
| 23/09/18 | 89.3904 | 1.0351 | 0.9148 | 1.8248 | 6.9506 | 253.3808 | 53.1459 | 40.3943 | 51.0387 | 0.0135 |
| 24/09/18 | 89.4448 | 0.8696 | 0.9088 | 1.6881 | 6.9727 | 255.0389 | 55.0373 | 39.9105 | 50.7130 | 0.0145 |
| 25/09/18 | 89.5345 | 1.2318 | 1.0463 | 1.8826 | 6.9348 | 256.4650 | 67.6465 | 40.3181 | 51.0191 | 0.0163 |
| 26/09/18 | 89.3068 | 0.9972 | 0.8737 | 1.7926 | 6.8944 | 258.7226 | 49.8360 | 40.0242 | 50.9751 | 0.0111 |
| 27/09/18 | 89.3076 | 0.5782 | 1.0372 | 1.8733 | 6.9355 | 253.4455 | 50.6241 | 40.4652 | 50.9271 | 0.0153 |
| 28/09/18 | 89.4619 | 0.9236 | 1.1174 | 1.4608 | 6.9269 | 255.3722 | 50.7817 | 38.4534 | 50.7241 | 0.0046 |
| 29/09/18 | 89.5844 | 1.2268 | 0.6978 | 1.9004 | 6.9135 | 255.3722 | 65.7551 | 40.4143 | 51.1241 | 0.0056 |
| 30/09/18 | 89.1688 | 1.1842 | 0.6172 | 1.8823 | 7.0282 | 262.4344 | 58.9777 | 40.4474 | 51.0960 | 0.0100 |

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|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|
| Máximo | 89.5844 | 1.3206 | 1.1174 | 1.9198 | 7.0355 | 262.4344 | 72.5326 | 40.4895 | 51.1787 | 0.1181 |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|

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 Rocio (K) | Humedad (mg/m3) | Poder Calorífico (MJ/m3) | Índice Wobbe (MJ/m3) | Acido Sulfhídrico (mg/m3) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/09/18 | 89.4280 | 0.7489 | 0.5978 | 1.3467 | 6.5475 | 247.7736 | 33.1288 | 38.6926 | 50.7476 | 0.0003 |
| 02/09/18 | 89.0656 | 0.8761 | 0.5847 | 1.4608 | 6.7814 | 247.0174 | 35.0202 | 39.2754 | 50.9156 | 0.0051 |
| 03/09/18 | 88.9951 | 0.8697 | 0.5857 | 1.4554 | 6.8404 | 246.8446 | 32.0255 | 38.8524 | 50.2729 | 0.0010 |
| 04/09/18 | 89.1575 | 1.0636 | 0.5843 | 1.6479 | 6.7613 | 246.6264 | 33.1288 | 40.0580 | 50.4522 | 0.0009 |
| 05/09/18 | 89.3028 | 0.8951 | 0.5836 | 1.4787 | 6.5635 | 246.1659 | 31.2374 | 38.6795 | 50.4707 | 0.0027 |
| 06/09/18 | 88.9864 | 0.3956 | 0.5843 | 0.9799 | 6.6920 | 246.6720 | 31.2374 | 39.2553 | 50.7145 | 0.0008 |
| 07/09/18 | 89.0224 | 0.6435 | 0.5863 | 1.2298 | 6.8668 | 246.3108 | 31.2374 | 38.6689 | 50.4044 | 0.0007 |
| 08/09/18 | 89.0621 | 1.0113 | 0.5868 | 1.5981 | 6.8625 | 246.3601 | 29.3460 | 40.1159 | 50.6772 | 0.0010 |
| 09/09/18 | 88.9133 | 1.0532 | 0.5969 | 1.6501 | 6.9360 | 246.6903 | 30.1341 | 40.1058 | 50.6424 | 0.0011 |
| 10/09/18 | 88.9130 | 0.8270 | 0.5861 | 1.4131 | 6.6948 | 246.6193 | 30.1341 | 39.6049 | 50.3256 | 0.0009 |
| 11/09/18 | 88.9017 | 0.6088 | 0.5930 | 1.2018 | 6.9685 | 245.6708 | 31.0798 | 39.4193 | 50.8322 | 0.0011 |
| 12/09/18 | 89.1061 | 0.8019 | 0.5854 | 1.3873 | 6.7289 | 246.2087 | 36.9115 | 39.3406 | 50.2033 | 0.0011 |
| 13/09/18 | 89.1621 | 0.7603 | 0.5887 | 1.3490 | 6.8258 | 247.0711 | 26.0361 | 38.6504 | 50.1725 | 0.0011 |
| 14/09/18 | 89.0516 | 0.7589 | 0.5930 | 1.3519 | 6.7444 | 245.5730 | 25.5633 | 39.7382 | 50.9419 | 0.0010 |
| 15/09/18 | 88.9541 | 0.5997 | 0.5862 | 1.1859 | 6.6583 | 245.0184 | 26.0361 | 39.5934 | 50.3588 | 0.0011 |
| 16/09/18 | 88.9054 | 0.6027 | 0.5982 | 1.2009 | 6.7867 | 244.7793 | 26.0361 | 39.7656 | 50.6189 | 0.0010 |
| 17/09/18 | 89.1730 | 1.2421 | 0.5900 | 1.8321 | 6.7936 | 245.1504 | 37.3844 | 39.6944 | 50.3949 | 0.0009 |
| 18/09/18 | 88.9964 | 0.4393 | 0.5870 | 1.0263 | 6.8431 | 244.9166 | 28.0851 | 38.8314 | 50.7819 | 0.0007 |
| 19/09/18 | 89.1432 | 0.4144 | 0.6007 | 1.0151 | 6.5374 | 245.9212 | 25.7209 | 39.9530 | 50.2017 | 0.0006 |
| 20/09/18 | 89.0650 | 0.7110 | 0.6049 | 1.3159 | 6.6143 | 243.7651 | 27.1394 | 38.6733 | 50.2750 | 0.0015 |
| 21/09/18 | 88.9149 | 0.5589 | 0.5878 | 1.1467 | 6.5816 | 243.8876 | 26.0361 | 39.9617 | 50.6802 | 0.0051 |
| 22/09/18 | 89.1275 | 0.9071 | 0.5890 | 1.4961 | 6.5400 | 244.8083 | 33.9169 | 39.2680 | 50.4253 | 0.0053 |
| 23/09/18 | 88.9216 | 0.4022 | 0.6597 | 1.0619 | 6.7343 | 241.3044 | 24.4599 | 38.5536 | 50.7472 | 0.0050 |
| 24/09/18 | 89.0224 | 0.8172 | 0.6569 | 1.4741 | 6.6903 | 236.8190 | 32.8136 | 38.8365 | 50.3856 | 0.0052 |
| 25/09/18 | 88.9676 | 0.8692 | 0.5952 | 1.4644 | 6.5731 | 234.4608 | 23.6719 | 39.0594 | 50.6368 | 0.0055 |
| 26/09/18 | 89.1900 | 0.3975 | 0.6262 | 1.0237 | 6.5408 | 242.5115 | 33.7592 | 38.9710 | 50.8349 | 0.0032 |
| 27/09/18 | 88.9170 | 0.3105 | 0.8085 | 1.1190 | 6.7827 | 224.1217 | 26.3513 | 38.7523 | 50.3117 | 0.0024 |
| 28/09/18 | 88.9933 | 0.2971 | 0.7501 | 1.0472 | 6.5693 | 200.4619 | 29.9765 | 38.3547 | 50.1594 | 0.0029 |
| 29/09/18 | 89.1739 | 0.9946 | 0.5953 | 1.5899 | 6.5362 | 198.5952 | 29.0308 | 39.3885 | 50.5137 | 0.0034 |
| 30/09/18 | 89.1052 | 0.8883 | 0.5875 | 1.4758 | 6.6781 | 246.7706 | 32.8136 | 39.0908 | 50.8975 | 0.0030 |

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|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|
| Mínimo | 88.9017 | 0.2971 | 0.5836 | 0.9799 | 6.5362 | 198.5952 | 23.6719 | 38.3547 | 50.1594 | 0.0003 |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|

Observaciones: