

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



| | |
|--------------------|--|
| PERMISIONARIO: | Energía Occidente de México S. de R.L. de C.V. |
| PUNTO DE MEDICIÓN: | EMRyC Manzanillo |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| FECHA: (dd/mm/aa) | Metano (% vol) | Óxido 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) |
|----------------------|-------------------|-----------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/01/2015 | 92.1610 | 0.0002 | 0.3088 | 0.3090 | 7.3286 | 209.0921 | 16.1198 | 39.8869 | 51.7646 | 0.0000 | | |
| 02/01/2015 | 92.4983 | 0.0002 | 0.2733 | 0.2735 | 7.0125 | 208.4402 | 16.1252 | 39.8184 | 51.7430 | 0.0000 | | |
| 03/01/2015 | 92.5869 | 0.0002 | 0.2572 | 0.2574 | 6.9358 | 208.3130 | 16.2436 | 39.8053 | 51.7433 | 0.0000 | | |
| 04/01/2015 | 92.5643 | 0.0002 | 0.2309 | 0.2311 | 6.9833 | 208.4500 | 16.2093 | 39.8299 | 51.7692 | 0.0000 | | |
| 05/01/2015 | 92.5494 | 0.0002 | 0.2143 | 0.2145 | 7.0137 | 208.4494 | 16.2950 | 39.8455 | 51.7856 | 0.0000 | | |
| 06/01/2015 | 92.5463 | 0.0002 | 0.2080 | 0.2082 | 7.0229 | 208.4956 | 16.1681 | 39.8507 | 51.7914 | 0.0000 | | |
| 07/01/2015 | 90.2131 | 0.0017 | 0.4277 | 0.4293 | 9.2265 | 211.6013 | 15.1027 | 40.3429 | 51.9622 | 0.0000 | | |
| 08/01/2015 | 89.7197 | 0.0002 | 0.4550 | 0.4552 | 9.7325 | 212.8620 | 14.7951 | 40.4566 | 52.0130 | 0.0000 | | |
| 09/01/2015 | 89.7623 | 0.0002 | 0.4508 | 0.4510 | 9.6927 | 212.8216 | 14.9156 | 40.4476 | 52.0100 | 0.0000 | | |
| 10/01/2015 | 89.8177 | 0.0002 | 0.4410 | 0.4412 | 9.6445 | 212.7720 | 14.8090 | 40.4391 | 52.0098 | 0.0000 | | |
| 11/01/2015 | 90.4241 | 0.0002 | 0.3883 | 0.3885 | 9.0633 | 211.9542 | 15.1180 | 40.3082 | 51.9616 | 0.0000 | | |
| 12/01/2015 | 91.3439 | 0.0002 | 0.3048 | 0.3050 | 8.1845 | 210.5504 | 15.4266 | 40.1135 | 51.8922 | 0.0000 | | |
| 13/01/2015 | 91.7058 | 0.0002 | 0.2676 | 0.2678 | 7.8428 | 209.8823 | 16.0616 | 40.0404 | 51.8688 | 0.0000 | | |
| 14/01/2015 | 91.7729 | 0.0002 | 0.2561 | 0.2563 | 7.7841 | 209.7975 | 15.9759 | 40.0299 | 51.8683 | 0.0000 | | |
| 15/01/2015 | 91.7828 | 0.0002 | 0.2512 | 0.2514 | 7.7791 | 209.8146 | 15.8498 | 40.0302 | 51.8707 | 0.0000 | | |
| 16/01/2015 | 90.8786 | 0.0002 | 0.4107 | 0.4109 | 8.5693 | 210.9608 | 15.5626 | 40.1696 | 51.8741 | 0.0000 | | |
| 17/01/2015 | 90.4530 | 0.0002 | 0.4788 | 0.4790 | 8.9523 | 211.5676 | 15.2068 | 40.2366 | 51.8801 | 0.0000 | | |
| 18/01/2015 | 90.8436 | 0.0002 | 0.3953 | 0.3955 | 8.6233 | 211.0987 | 15.3169 | 40.1878 | 51.8917 | 0.0000 | | |
| 19/01/2015 | 90.9435 | 0.0002 | 0.3375 | 0.3377 | 8.5736 | 210.9623 | 15.4206 | 40.2002 | 51.9251 | 0.0000 | | |
| 20/01/2015 | 90.9441 | 0.0002 | 0.3282 | 0.3285 | 8.5818 | 210.9569 | 15.7151 | 40.2063 | 51.9327 | 0.0000 | | |
| 21/01/2015 | 90.9310 | 0.0002 | 0.3159 | 0.3161 | 8.6071 | 211.0496 | 15.7458 | 40.2185 | 51.9452 | 0.0000 | | |
| 22/01/2015 | 90.9190 | 0.0002 | 0.3145 | 0.3147 | 8.6208 | 211.1464 | 15.8334 | 40.2228 | 51.9482 | 0.0000 | | |
| 23/01/2015 | 90.9269 | 0.0002 | 0.3101 | 0.3103 | 8.6171 | 211.1863 | 15.8534 | 40.2235 | 51.9507 | 0.0000 | | |
| 24/01/2015 | 90.0677 | 0.0002 | 0.4847 | 0.4849 | 9.3387 | 212.2820 | 15.2710 | 40.3424 | 51.9360 | 0.0000 | | |
| 25/01/2015 | 89.6999 | 0.0002 | 0.5424 | 0.5426 | 9.6655 | 212.7836 | 14.9601 | 40.4038 | 51.9437 | 0.0000 | | |
| 26/01/2015 | 89.7141 | 0.0002 | 0.5377 | 0.5380 | 9.6553 | 212.7033 | 15.0566 | 40.4030 | 51.9454 | 0.0000 | | |
| 27/01/2015 | 89.7628 | 0.0002 | 0.5272 | 0.5274 | 9.6152 | 212.7029 | 15.1962 | 40.3967 | 51.9468 | 0.0000 | | |
| 28/01/2015 | 89.8174 | 0.0002 | 0.5056 | 0.5058 | 9.5792 | 212.7207 | 15.0648 | 40.3965 | 51.9566 | 0.0000 | | |
| 29/01/2015 | 90.0080 | 0.0002 | 0.4510 | 0.4512 | 9.4336 | 212.5320 | 15.1962 | 40.3812 | 51.9732 | 0.0000 | | |
| 30/01/2015 | 90.1409 | 0.0002 | 0.4053 | 0.4055 | 9.3394 | 212.5181 | 15.2577 | 40.3758 | 51.9911 | 0.0000 | | |
| 31/01/2015 | 90.1916 | 0.0002 | 0.3879 | 0.3882 | 9.3035 | 212.4548 | 15.2865 | 40.3737 | 51.9979 | 0.0000 | | |

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

| | | | | | | | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|--|--|
| Mínimo | 89.6999 | 0.0002 | 0.2080 | 0.2082 | 6.9358 | 208.3130 | 14.7951 | 39.8053 | 51.7430 | 0.0000 | | |
| Promedio | 90.8932 | 0.0003 | 0.3699 | 0.3702 | 8.5911 | 211.0620 | 15.5213 | 40.1930 | 51.9062 | 0.0000 | | |
| Máximo | 92.5869 | 0.0017 | 0.5424 | 0.5426 | 9.7325 | 212.8620 | 16.2950 | 40.4566 | 52.0130 | 0.0000 | | |
| Desv. Est. | 1.00369756 | 0.000260252 | 0.101445235 | 0.101474087 | 0.956189578 | 1.558027083 | 0.471738404 | 0.213529519 | 0.081549135 | 0 | | |

Observaciones:

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



PERMISIONARIO:

Energía Occidente de México S. de R.L. de C.V.

PUNTO DE MEDICIÓN:

EMRyC Manzanillo

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) | Ácido Sulfhídrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/01/2015 | 92.3392 | 0.0051 | 0.3564 | 0.3615 | 8.1569 | 209.3976 | 17.2010 | 39.9477 | 51.7903 | 0.0000 |
| 02/01/2015 | 92.6390 | 0.0051 | 0.3235 | 0.3286 | 7.9438 | 208.8170 | 17.1920 | 39.8956 | 51.7799 | 0.0000 |
| 03/01/2015 | 92.6385 | 0.0051 | 0.3176 | 0.3227 | 7.9589 | 208.3355 | 17.1066 | 39.9050 | 51.7889 | 0.0000 |
| 04/01/2015 | 92.6337 | 0.0051 | 0.2886 | 0.2937 | 8.0023 | 208.5256 | 17.3237 | 39.9335 | 51.8209 | 0.0000 |
| 05/01/2015 | 92.5984 | 0.0051 | 0.2856 | 0.2906 | 8.0155 | 208.5005 | 17.0515 | 39.9392 | 51.8256 | 0.0000 |
| 06/01/2015 | 92.5959 | 0.0051 | 0.2810 | 0.2861 | 8.0229 | 208.5903 | 16.9232 | 39.9436 | 51.8305 | 0.0000 |
| 07/01/2015 | 92.6815 | 0.0180 | 0.5051 | 0.5231 | 10.4472 | 212.9862 | 15.8072 | 40.7266 | 52.1547 | 0.0000 |
| 08/01/2015 | 89.7615 | 0.0052 | 0.4669 | 0.4721 | 9.9765 | 212.9845 | 15.7675 | 40.4869 | 52.0262 | 0.0000 |
| 09/01/2015 | 89.8064 | 0.0052 | 0.4640 | 0.4692 | 9.9453 | 212.9088 | 15.8767 | 40.4774 | 52.0226 | 0.0000 |
| 10/01/2015 | 89.8783 | 0.0052 | 0.4554 | 0.4606 | 9.9047 | 212.8812 | 15.7095 | 40.4693 | 52.0233 | 0.0000 |
| 11/01/2015 | 90.8650 | 0.0052 | 0.4409 | 0.4461 | 9.5764 | 212.8200 | 16.3557 | 40.4227 | 52.0016 | 0.0000 |
| 12/01/2015 | 91.6364 | 0.0052 | 0.3444 | 0.3496 | 8.6435 | 211.2277 | 16.3252 | 40.2218 | 51.9361 | 0.0000 |
| 13/01/2015 | 91.7770 | 0.0052 | 0.3266 | 0.3318 | 8.5432 | 209.9920 | 16.9614 | 40.1028 | 51.8927 | 0.0000 |
| 14/01/2015 | 91.8225 | 0.0052 | 0.3169 | 0.3221 | 8.5141 | 209.9108 | 16.7773 | 40.0980 | 51.8951 | 0.0000 |
| 15/01/2015 | 91.8470 | 0.0051 | 0.3393 | 0.3445 | 8.4423 | 209.9652 | 16.9769 | 40.0666 | 51.8831 | 0.0000 |
| 16/01/2015 | 91.8101 | 0.0052 | 0.5431 | 0.5482 | 9.5319 | 212.0061 | 16.2273 | 40.3123 | 51.8958 | 0.0000 |
| 17/01/2015 | 90.7550 | 0.0052 | 0.5252 | 0.5304 | 9.2103 | 211.8361 | 16.3248 | 40.2752 | 51.9130 | 0.0000 |
| 18/01/2015 | 90.9750 | 0.0052 | 0.4856 | 0.4908 | 9.1012 | 211.2340 | 16.0590 | 40.2452 | 51.9352 | 0.0000 |
| 19/01/2015 | 90.9752 | 0.0052 | 0.3759 | 0.3811 | 9.1198 | 211.1144 | 15.8330 | 40.2582 | 51.9504 | 0.0000 |
| 20/01/2015 | 90.9757 | 0.0052 | 0.3694 | 0.3746 | 9.1269 | 211.0237 | 16.3667 | 40.2635 | 51.9572 | 0.0000 |
| 21/01/2015 | 90.9710 | 0.0052 | 0.3590 | 0.3642 | 9.1505 | 211.1048 | 16.5484 | 40.2780 | 51.9713 | 0.0000 |
| 22/01/2015 | 90.9487 | 0.0052 | 0.3579 | 0.3631 | 9.1561 | 211.2194 | 16.5363 | 40.2796 | 51.9726 | 0.0000 |
| 23/01/2015 | 90.9608 | 0.0052 | 0.3557 | 0.3609 | 9.1551 | 211.2215 | 16.5771 | 40.2810 | 51.9751 | 0.0000 |
| 24/01/2015 | 90.9503 | 0.0052 | 0.5843 | 0.5895 | 9.9517 | 212.8987 | 15.7302 | 40.4351 | 51.9716 | 0.0000 |
| 25/01/2015 | 89.7304 | 0.0049 | 0.5525 | 0.5574 | 9.9112 | 212.8819 | 15.4515 | 40.4357 | 51.9596 | 0.0000 |
| 26/01/2015 | 89.8263 | 0.0049 | 0.6188 | 0.6236 | 9.8964 | 212.8820 | 16.1326 | 40.4352 | 51.9618 | 0.0000 |
| 27/01/2015 | 89.8148 | 0.0048 | 0.5820 | 0.5867 | 9.8546 | 212.7845 | 15.5377 | 40.4304 | 51.9654 | 0.0000 |
| 28/01/2015 | 89.8617 | 0.0046 | 0.5230 | 0.5276 | 9.8324 | 212.7620 | 15.3293 | 40.4383 | 51.9817 | 0.0000 |
| 29/01/2015 | 90.1608 | 0.0044 | 0.4955 | 0.5000 | 9.6385 | 212.7013 | 15.7484 | 40.4134 | 52.0031 | 0.0000 |
| 30/01/2015 | 90.1673 | 0.0043 | 0.4207 | 0.4250 | 9.6348 | 214.5844 | 15.9814 | 40.4204 | 52.0127 | 0.0000 |
| 31/01/2015 | 90.2870 | 0.0042 | 0.4047 | 0.4088 | 9.5638 | 214.3544 | 16.2841 | 40.4105 | 52.0157 | 0.0000 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|---------|----------|---------|---------|---------|--------|
| Máximo | 92.6815 | 0.0180 | 0.6188 | 0.6236 | 10.4472 | 214.5844 | 17.3237 | 40.7266 | 52.1547 | 0.0000 |
|---------------|---------|--------|--------|--------|---------|----------|---------|---------|---------|--------|

Observaciones:

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



PERMISIONARIO: **Energía Occidente de México S. de R.L. de C.V.**
 PUNTO DE MEDICIÓN: **EMRyC Manzanillo**
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrogeno (% 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 Sulfúrico (mg/m ³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/01/2015 | 91.2677 | 0.0000 | 0.3000 | 0.3000 | 7.1517 | 208.8395 | 15.4804 | 39.8487 | 51.7454 | 0.0000 |
| 02/01/2015 | 91.5033 | 0.0000 | 0.2581 | 0.2581 | 6.8785 | 208.2693 | 15.6388 | 39.7932 | 51.7326 | 0.0000 |
| 03/01/2015 | 91.4940 | 0.0000 | 0.2498 | 0.2498 | 6.8834 | 208.2891 | 15.7700 | 39.7970 | 51.7370 | 0.0000 |
| 04/01/2015 | 91.4777 | 0.0000 | 0.2130 | 0.2130 | 6.8949 | 208.3215 | 15.7789 | 39.8029 | 51.7436 | 0.0000 |
| 05/01/2015 | 91.4672 | 0.0000 | 0.2081 | 0.2081 | 6.9667 | 208.4153 | 15.7557 | 39.8398 | 51.7821 | 0.0000 |
| 06/01/2015 | 91.4646 | 0.0000 | 0.2013 | 0.2013 | 6.9745 | 208.4303 | 15.7155 | 39.8441 | 51.7868 | 0.0000 |
| 07/01/2015 | 88.8183 | 0.0000 | 0.2017 | 0.2017 | 6.8877 | 208.0436 | 14.2786 | 39.8194 | 51.7691 | 0.0000 |
| 08/01/2015 | 89.4219 | 0.0000 | 0.4524 | 0.4524 | 9.6926 | 212.7608 | 14.0897 | 40.4468 | 52.0071 | 0.0000 |
| 09/01/2015 | 89.4548 | 0.0000 | 0.4472 | 0.4472 | 9.6508 | 212.7378 | 14.1447 | 40.4381 | 52.0042 | 0.0000 |
| 10/01/2015 | 89.5017 | 0.0000 | 0.4353 | 0.4353 | 9.5853 | 212.6919 | 14.1555 | 40.4250 | 52.0023 | 0.0000 |
| 11/01/2015 | 89.8860 | 0.0000 | 0.3400 | 0.3400 | 8.6523 | 211.2471 | 14.2459 | 40.2243 | 51.9334 | 0.0000 |
| 12/01/2015 | 90.8135 | 0.0000 | 0.2787 | 0.2787 | 7.9068 | 210.0348 | 14.7878 | 40.0540 | 51.8652 | 0.0000 |
| 13/01/2015 | 90.9262 | 0.0000 | 0.2539 | 0.2539 | 7.7770 | 209.8037 | 15.1811 | 40.0280 | 51.8608 | 0.0000 |
| 14/01/2015 | 90.9635 | 0.0000 | 0.2494 | 0.2494 | 7.7379 | 209.7105 | 15.2024 | 40.0225 | 51.8645 | 0.0000 |
| 15/01/2015 | 91.0146 | 0.0000 | 0.2349 | 0.2349 | 7.6863 | 209.5658 | 15.2309 | 39.9963 | 51.8371 | 0.0000 |
| 16/01/2015 | 89.7926 | 0.0000 | 0.2242 | 0.2242 | 7.7703 | 209.7844 | 14.9771 | 40.0378 | 51.8527 | 0.0000 |
| 17/01/2015 | 90.1227 | 0.0000 | 0.4285 | 0.4285 | 8.6194 | 211.0384 | 14.4729 | 40.1406 | 51.8087 | 0.0000 |
| 18/01/2015 | 90.3346 | 0.0000 | 0.3388 | 0.3388 | 8.5165 | 210.9275 | 14.6891 | 40.1521 | 51.8302 | 0.0000 |
| 19/01/2015 | 90.3303 | 0.0000 | 0.3309 | 0.3309 | 8.5373 | 210.9069 | 14.8114 | 40.1908 | 51.9163 | 0.0000 |
| 20/01/2015 | 90.3291 | 0.0000 | 0.3214 | 0.3214 | 8.5518 | 210.9228 | 15.3877 | 40.2002 | 51.9270 | 0.0000 |
| 21/01/2015 | 90.3158 | 0.0000 | 0.3081 | 0.3081 | 8.5592 | 210.9444 | 15.3514 | 40.2045 | 51.9326 | 0.0000 |
| 22/01/2015 | 90.3113 | 0.0000 | 0.3069 | 0.3069 | 8.5912 | 211.0745 | 15.4544 | 40.2167 | 51.9424 | 0.0000 |
| 23/01/2015 | 90.3146 | 0.0000 | 0.3026 | 0.3026 | 8.5836 | 211.1424 | 15.3974 | 40.2158 | 51.9440 | 0.0000 |
| 24/01/2015 | 89.3495 | 0.0000 | 0.2878 | 0.2878 | 8.6029 | 211.1657 | 15.0270 | 40.2223 | 51.9083 | 0.0000 |
| 25/01/2015 | 89.4200 | 0.0000 | 0.5309 | 0.5309 | 9.6320 | 212.6234 | 14.7269 | 40.3942 | 51.9365 | 0.0000 |
| 26/01/2015 | 89.4383 | 0.0000 | 0.5225 | 0.5225 | 9.4649 | 212.3956 | 14.5417 | 40.3191 | 51.8623 | 0.0000 |
| 27/01/2015 | 89.4915 | 0.0000 | 0.5187 | 0.5187 | 9.5506 | 212.4939 | 14.9495 | 40.3582 | 51.9007 | 0.0000 |
| 28/01/2015 | 89.5330 | 0.0000 | 0.4919 | 0.4919 | 9.5449 | 212.6744 | 14.8588 | 40.3871 | 51.9435 | 0.0000 |
| 29/01/2015 | 89.7835 | 0.0000 | 0.4100 | 0.4100 | 9.3148 | 212.3927 | 14.8739 | 40.3683 | 51.9579 | 0.0000 |
| 30/01/2015 | 89.8000 | 0.0000 | 0.3986 | 0.3986 | 9.3169 | 212.3991 | 14.8374 | 40.3698 | 51.9854 | 0.0000 |
| 31/01/2015 | 89.8848 | 0.0000 | 0.3702 | 0.3702 | 9.2240 | 212.2715 | 14.9771 | 40.3620 | 51.9931 | 0.0000 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|
| Mínimo | 88.8183 | 0.0000 | 0.2013 | 0.2013 | 6.8785 | 208.0436 | 14.0897 | 39.7932 | 51.7326 | 0.0000 |
|---------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|

Observaciones:

| |
|--|
| |
|--|

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



PERMISIONARIO: **Energía Occidente de México S. de R.L. de C.V.**
 PUNTO DE MEDICIÓN: **Estación Tecoman**
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**

| FECHA: (dd/mm/aa) | Metano (% vol) | Dióxido 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) | Ácido Sulfhídrico (mg/m ³) | Azufre total* (mg/m ³) | Oxígeno* (% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|---------------------------------------|---------------------|
| 01/01/2015 | 92.2976 | 0.0000 | 0.3150 | 0.3150 | 7.1866 | 209.0921 | 10.2453 | 39.8508 | 51.7411 | 0.0000 | | |
| 02/01/2015 | 92.6489 | 0.0000 | 0.2917 | 0.2917 | 6.8436 | 208.4402 | 10.2936 | 39.7762 | 51.7098 | 0.0000 | | |
| 03/01/2015 | 92.8243 | 0.0000 | 0.2655 | 0.2655 | 6.6869 | 208.3130 | 10.2756 | 39.7406 | 51.7027 | 0.0000 | | |
| 04/01/2015 | 92.8078 | 0.0000 | 0.2444 | 0.2444 | 6.7232 | 208.4500 | 10.2144 | 39.7598 | 51.7231 | 0.0000 | | |
| 05/01/2015 | 92.7874 | 0.0000 | 0.2196 | 0.2196 | 6.7667 | 208.4494 | 9.8277 | 39.7880 | 51.7496 | 0.0000 | | |
| 06/01/2015 | 92.7830 | 0.0000 | 0.2133 | 0.2133 | 6.7769 | 208.4956 | 10.1828 | 39.7883 | 51.7534 | 0.0000 | | |
| 07/01/2015 | 91.4299 | 0.0000 | 0.3307 | 0.3307 | 8.0731 | 211.6013 | 10.0480 | 40.0771 | 51.8596 | 0.0000 | | |
| 08/01/2015 | 89.5085 | 0.0000 | 0.4512 | 0.4512 | 9.9510 | 212.8587 | 9.8620 | 40.5595 | 52.0672 | 0.0000 | | |
| 09/01/2015 | 89.4883 | 0.0000 | 0.4390 | 0.4390 | 9.9825 | 212.8216 | 9.9542 | 40.5354 | 52.0637 | 0.0000 | | |
| 10/01/2015 | 89.5401 | 0.0000 | 0.4320 | 0.4320 | 9.9355 | 212.7720 | 10.0020 | 40.5259 | 52.0617 | 0.0000 | | |
| 11/01/2015 | 89.8342 | 0.0000 | 0.4080 | 0.4080 | 9.6531 | 211.9822 | 9.9454 | 40.4618 | 52.0372 | 0.0000 | | |
| 12/01/2015 | 90.7131 | 0.0000 | 0.3260 | 0.3260 | 8.8164 | 210.5504 | 10.0585 | 40.2779 | 51.9728 | 0.0000 | | |
| 13/01/2015 | 91.4053 | 0.0000 | 0.2721 | 0.2721 | 8.1478 | 209.8823 | 10.1576 | 40.1260 | 51.9134 | 0.0000 | | |
| 14/01/2015 | 91.5420 | 0.0000 | 0.2561 | 0.2561 | 8.0209 | 209.7989 | 10.1993 | 40.0996 | 51.9062 | 0.0000 | | |
| 15/01/2015 | 91.5855 | 0.0000 | 0.2473 | 0.2473 | 7.9847 | 209.8146 | 10.3328 | 40.0935 | 51.9068 | 0.0000 | | |
| 16/01/2015 | 91.5790 | 0.0000 | 0.2349 | 0.2349 | 8.0031 | 210.9608 | 10.2807 | 40.1038 | 51.9183 | 0.0000 | | |
| 17/01/2015 | 91.1278 | 0.0000 | 0.3271 | 0.3271 | 8.3852 | 211.5897 | 10.1829 | 40.1640 | 51.9094 | 0.0000 | | |
| 18/01/2015 | 90.4092 | 0.0000 | 0.4351 | 0.4351 | 9.0338 | 211.0987 | 10.1804 | 40.2851 | 51.9270 | 0.0000 | | |
| 19/01/2015 | 90.7202 | 0.0000 | 0.3378 | 0.3378 | 8.8007 | 210.9623 | 10.1039 | 40.2674 | 51.9616 | 0.0000 | | |
| 20/01/2015 | 90.7249 | 0.0000 | 0.3248 | 0.3248 | 8.8081 | 210.9571 | 10.1672 | 40.2749 | 51.9717 | 0.0000 | | |
| 21/01/2015 | | | | | | | | | | | | |
| 22/01/2015 | | | | | | | | | | | | |
| 23/01/2015 | 90.7018 | 0.0000 | 0.3051 | 0.3051 | 8.8507 | 211.1857 | 10.1317 | 40.2947 | 51.9917 | 0.0000 | | |
| 24/01/2015 | 90.4168 | 0.0000 | 0.3522 | 0.3522 | 9.1006 | 212.2552 | 10.2412 | 40.3410 | 51.9958 | 0.0000 | | |
| 25/01/2015 | 89.4282 | 0.0000 | 0.5472 | 0.5472 | 9.9357 | 212.7887 | 10.0159 | 40.4803 | 51.9841 | 0.0000 | | |
| 26/01/2015 | 89.4443 | 0.0000 | 0.5219 | 0.5219 | 9.9449 | 212.7166 | 9.7102 | 40.4926 | 52.0025 | 0.0000 | | |
| 27/01/2015 | 89.4805 | 0.0000 | 0.5315 | 0.5315 | 9.8983 | 212.7056 | 10.5879 | 40.4761 | 51.9890 | 0.0000 | | |
| 28/01/2015 | 89.5351 | 0.0000 | 0.5040 | 0.5040 | 9.8683 | 212.7214 | 11.0004 | 40.4797 | 52.0034 | 0.0000 | | |
| 29/01/2015 | 89.6183 | 0.0000 | 0.4879 | 0.4879 | 9.7965 | 212.5380 | 10.9729 | 40.4682 | 52.0052 | 0.0000 | | |
| 30/01/2015 | 89.8861 | 0.0000 | 0.4012 | 0.4012 | 9.6024 | 212.5225 | 11.0960 | 40.4534 | 52.0356 | 0.0000 | | |
| 31/01/2015 | 89.9079 | 0.0000 | 0.3871 | 0.3871 | 9.5933 | 212.4615 | 11.1409 | 40.4569 | 52.0439 | 0.0000 | | |

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

| | | | | | | | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|--|--|
| Mínimo | 89.4282 | 0.0000 | 0.2133 | 0.2133 | 6.6869 | 208.3130 | 9.7102 | 39.7406 | 51.7027 | 0.0000 | | |
| Promedio | 90.8337 | 0.0000 | 0.3590 | 0.3590 | 8.6610 | 211.0616 | 10.2556 | 40.2241 | 51.9278 | 0.0000 | | |
| Máximo | 92.8243 | 0.0000 | 0.5472 | 0.5472 | 9.9825 | 212.8587 | 11.1409 | 40.5595 | 52.0672 | 0.0000 | | |
| Desv. Est. | 1.204314573 | 1.74177E-06 | 0.100501976 | 0.100502405 | 1.165138657 | 1.613910422 | 0.367491002 | 0.271960466 | 0.115602647 | 0 | | |

Observaciones: **Válvula cerrada los días 21 y 22 de Enero 2015**

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO:

Energía Occidente de Mexico S. de R.L. de C.V.

PUNTO DE MEDICIÓN:

Estación Tecoman

ZONA DE MEDICIÓN:

RESTO DEL PAÍS

| FECHA: (dd/mm/aa) | Metano (% vol) | Óxido 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) |
|----------------------|-------------------|-----------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/01/2015 | 92.4734 | 0.0000 | 0.3262 | 0.3262 | 7.3908 | 209.3976 | 10.6014 | 39.9083 | 51.7760 | 0.0000 |
| 02/01/2015 | 92.8278 | 0.0000 | 0.3160 | 0.3160 | 6.9892 | 208.8170 | 10.6391 | 39.8705 | 51.7591 | 0.0000 |
| 03/01/2015 | 92.8279 | 0.0000 | 0.2699 | 0.2699 | 6.6949 | 208.3355 | 10.6314 | 39.7448 | 51.7072 | 0.0313 |
| 04/01/2015 | 92.8222 | 0.0000 | 0.2612 | 0.2612 | 6.7648 | 208.5256 | 10.5950 | 39.7811 | 51.7453 | 0.0000 |
| 05/01/2015 | 92.7888 | 0.0000 | 0.2218 | 0.2218 | 6.7719 | 208.5005 | 10.4465 | 39.9116 | 51.8024 | 0.0000 |
| 06/01/2015 | 92.7851 | 0.0000 | 0.2170 | 0.2170 | 6.7868 | 208.5903 | 10.5901 | 39.7923 | 51.7571 | 0.0000 |
| 07/01/2015 | 92.7863 | 0.0000 | 0.4938 | 0.4938 | 9.6792 | 212.9862 | 10.3684 | 40.4291 | 51.9813 | 0.0000 |
| 08/01/2015 | 89.7253 | 0.0000 | 0.4882 | 0.4883 | 10.0234 | 212.9845 | 10.2633 | 40.8568 | 52.1895 | 0.0083 |
| 09/01/2015 | 89.5187 | 0.0000 | 0.4430 | 0.4430 | 9.9983 | 212.9088 | 10.4206 | 40.5396 | 52.0674 | 0.0000 |
| 10/01/2015 | 89.5699 | 0.0000 | 0.4392 | 0.4392 | 9.9504 | 212.8812 | 10.4681 | 40.5300 | 52.0641 | 0.0000 |
| 11/01/2015 | 90.4484 | 0.0000 | 0.4287 | 0.4287 | 9.8995 | 212.8200 | 10.3469 | 40.5176 | 52.0596 | 0.0004 |
| 12/01/2015 | 91.1010 | 0.0000 | 0.3513 | 0.3513 | 9.0344 | 211.2277 | 10.4860 | 40.3243 | 51.9873 | 0.0113 |
| 13/01/2015 | 91.5185 | 0.0000 | 0.2896 | 0.2896 | 8.3977 | 209.9920 | 10.5174 | 40.1842 | 51.9376 | 0.0081 |
| 14/01/2015 | 91.5586 | 0.0000 | 0.2632 | 0.2632 | 8.0429 | 209.9108 | 10.5517 | 40.1051 | 51.9123 | 0.0000 |
| 15/01/2015 | 91.5993 | 0.0000 | 0.2502 | 0.2502 | 8.0125 | 209.9652 | 10.5745 | 40.1022 | 51.9128 | 0.0108 |
| 16/01/2015 | 91.5862 | 0.0000 | 0.2444 | 0.2444 | 8.0118 | 212.0061 | 10.5704 | 40.1074 | 51.9221 | 0.0091 |
| 17/01/2015 | 91.6398 | 0.0000 | 0.5181 | 0.5181 | 9.4223 | 211.8361 | 10.5731 | 40.3545 | 51.9318 | 0.0000 |
| 18/01/2015 | 90.7050 | 0.0000 | 0.5151 | 0.5151 | 9.4237 | 211.2340 | 10.5865 | 40.3572 | 51.9577 | 0.0000 |
| 19/01/2015 | 90.7319 | 0.0000 | 0.3462 | 0.3462 | 8.8264 | 211.1144 | 10.5235 | 40.2741 | 51.9705 | 0.0000 |
| 20/01/2015 | 90.7281 | 0.0000 | 0.3300 | 0.3300 | 8.8115 | 211.0237 | 10.4750 | 40.2779 | 51.9754 | 0.0000 |
| 21/01/2015 | | | | | | | | | | |
| 22/01/2015 | | | | | | | | | | |
| 23/01/2015 | 90.7100 | 0.0000 | 0.3114 | 0.3114 | 8.8610 | 211.2215 | 10.5808 | 40.2994 | 51.9961 | 0.0000 |
| 24/01/2015 | 90.7077 | 0.0000 | 0.5436 | 0.5436 | 9.8366 | 212.8910 | 10.5353 | 40.4554 | 52.0149 | 0.0000 |
| 25/01/2015 | 89.4919 | 0.0000 | 0.5855 | 0.5855 | 9.9622 | 212.8819 | 10.5245 | 40.4938 | 51.9988 | 0.0027 |
| 26/01/2015 | 89.4618 | 0.0000 | 0.5306 | 0.5306 | 9.9654 | 212.8820 | 10.2640 | 40.5035 | 52.0142 | 0.0000 |
| 27/01/2015 | 89.5696 | 0.0000 | 0.6094 | 0.6094 | 9.9626 | 212.7845 | 11.3374 | 40.5022 | 52.0128 | 0.0000 |
| 28/01/2015 | 89.5729 | 0.0000 | 0.5136 | 0.5136 | 9.9141 | 212.7620 | 11.3513 | 40.4904 | 52.0116 | 0.0000 |
| 29/01/2015 | 89.7931 | 0.0002 | 0.7432 | 0.7435 | 9.8436 | 212.7013 | 11.4003 | 40.4803 | 52.0283 | 0.0000 |
| 30/01/2015 | 89.8955 | 0.0000 | 0.4185 | 0.4185 | 9.6473 | 214.5844 | 11.4639 | 40.4579 | 52.0410 | 0.0000 |
| 31/01/2015 | 89.9463 | 0.0000 | 0.3942 | 0.3942 | 9.6065 | 214.3544 | 11.4911 | 40.4584 | 52.0479 | 0.0000 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|---------|----------|---------|---------|---------|--------|
| Máximo | 92.8279 | 0.0002 | 0.7432 | 0.7435 | 10.0234 | 214.5844 | 11.4911 | 40.8568 | 52.1895 | 0.0313 |
|---------------|---------|--------|--------|--------|---------|----------|---------|---------|---------|--------|

Observaciones: Valvula cerrada los días 21 y 22 de Enero 2015

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



PERMISIONARIO: **Energía Occidente de México S. de R.L. de C.V.**
 PUNTO DE MEDICIÓN: **Estación Tecoman**
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**

| FECHA (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrogeno (% 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 Sulfúrico (mg/m ³) |
|---------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/01/2015 | 92.1051 | 0.0000 | 0.3021 | 0.3021 | 7.0020 | 208.8395 | 9.6646 | 39.8014 | 51.7127 | 0.0000 |
| 02/01/2015 | 92.4866 | 0.0000 | 0.2688 | 0.2688 | 6.6785 | 208.2693 | 9.7147 | 39.7361 | 51.6978 | 0.0000 |
| 03/01/2015 | 92.8207 | 0.0000 | 0.2609 | 0.2609 | 6.6806 | 208.2891 | 9.7422 | 39.7372 | 51.6988 | 0.0000 |
| 04/01/2015 | 92.7870 | 0.0000 | 0.2221 | 0.2221 | 6.6944 | 208.3215 | 9.7371 | 39.7445 | 51.7069 | 0.0000 |
| 05/01/2015 | 92.7844 | 0.0000 | 0.2169 | 0.2169 | 6.7644 | 208.4153 | 9.6880 | 39.7812 | 51.7455 | 0.0000 |
| 06/01/2015 | 92.7765 | 0.0000 | 0.2100 | 0.2100 | 6.7721 | 208.4303 | 9.6607 | 39.7855 | 51.7501 | 0.0000 |
| 07/01/2015 | 89.7390 | 0.0000 | 0.2078 | 0.2078 | 6.7786 | 208.0436 | 9.5161 | 39.7883 | 51.7524 | 0.0000 |
| 08/01/2015 | 89.4438 | 0.0000 | 0.4389 | 0.4389 | 9.6960 | 212.7608 | 8.6830 | 40.4348 | 51.9857 | 0.0000 |
| 09/01/2015 | 89.4712 | 0.0000 | 0.4357 | 0.4357 | 9.9513 | 212.7378 | 9.4375 | 40.5269 | 52.0590 | 0.0000 |
| 10/01/2015 | 89.5198 | 0.0000 | 0.4251 | 0.4251 | 9.9102 | 212.6919 | 9.4418 | 40.5215 | 52.0575 | 0.0000 |
| 11/01/2015 | 89.5782 | 0.0000 | 0.3530 | 0.3530 | 9.0663 | 211.2471 | 9.4956 | 40.3316 | 51.9902 | 0.0000 |
| 12/01/2015 | 90.4816 | 0.0000 | 0.2948 | 0.2948 | 8.4422 | 210.0348 | 9.6802 | 40.1937 | 51.9405 | 0.0000 |
| 13/01/2015 | 91.1486 | 0.0000 | 0.2574 | 0.2574 | 8.0442 | 209.8037 | 9.8494 | 40.1051 | 51.9063 | 0.0000 |
| 14/01/2015 | 91.5204 | 0.0000 | 0.2458 | 0.2458 | 8.0102 | 209.7105 | 9.8848 | 40.0953 | 51.9013 | 0.0000 |
| 15/01/2015 | 91.5608 | 0.0000 | 0.2419 | 0.2419 | 7.9680 | 209.5658 | 9.8672 | 40.0876 | 51.9022 | 0.0000 |
| 16/01/2015 | 91.5732 | 0.0000 | 0.2309 | 0.2309 | 7.9886 | 209.7844 | 9.8668 | 40.0957 | 51.9094 | 0.0000 |
| 17/01/2015 | 89.9622 | 0.0000 | 0.2203 | 0.2203 | 7.9005 | 211.0384 | 9.6893 | 40.0562 | 51.8715 | 0.0000 |
| 18/01/2015 | 89.9608 | 0.0000 | 0.3625 | 0.3625 | 8.7705 | 210.9275 | 9.6999 | 40.2240 | 51.8644 | 0.0000 |
| 19/01/2015 | 90.6930 | 0.0000 | 0.3265 | 0.3265 | 8.7847 | 210.9069 | 9.7730 | 40.2607 | 51.9552 | 0.0000 |
| 20/01/2015 | 90.7228 | 0.0000 | 0.3202 | 0.3202 | 8.8024 | 210.9228 | 9.7522 | 40.2712 | 51.9673 | 0.0000 |
| 21/01/2015 | | | | | | | | | | |
| 22/01/2015 | | | | | | | | | | |
| 23/01/2015 | 90.6952 | 0.0000 | 0.3011 | 0.3011 | 8.8365 | 211.1424 | 9.7420 | 40.2885 | 51.9854 | 0.0000 |
| 24/01/2015 | 89.5275 | 0.0000 | 0.2928 | 0.2928 | 8.8469 | 211.1657 | 9.7485 | 40.2943 | 51.9720 | 0.0000 |
| 25/01/2015 | 89.3742 | 0.0000 | 0.5310 | 0.5310 | 9.8742 | 212.6234 | 9.6201 | 40.4605 | 51.9612 | 0.0000 |
| 26/01/2015 | 89.4322 | 0.0000 | 0.5092 | 0.5092 | 9.9190 | 212.4337 | 9.6631 | 40.4819 | 51.9926 | 0.0000 |
| 27/01/2015 | 89.4372 | 0.0000 | 0.5107 | 0.5107 | 9.7327 | 212.4939 | 8.4797 | 40.3984 | 51.9105 | 0.0000 |
| 28/01/2015 | 89.4841 | 0.0000 | 0.4908 | 0.4908 | 9.8419 | 212.6744 | 10.6190 | 40.4703 | 51.9946 | 0.0000 |
| 29/01/2015 | 89.3478 | 0.0000 | 0.4269 | 0.4269 | 9.6743 | 212.3927 | 10.5502 | 40.3805 | 51.8583 | 0.0000 |
| 30/01/2015 | 89.8268 | 0.0000 | 0.3939 | 0.3939 | 9.5912 | 212.3991 | 10.4324 | 40.4491 | 52.0302 | 0.0000 |
| 31/01/2015 | 89.8886 | 0.0000 | 0.3753 | 0.3753 | 9.5651 | 212.2715 | 10.4873 | 40.4543 | 52.0408 | 0.0000 |

| | | | | | | | | | | |
|---------------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|
| Mínimo | 89.3478 | 0.0000 | 0.2078 | 0.2078 | 6.6785 | 208.0436 | 8.4797 | 39.7361 | 51.6978 | 0.0000 |
|---------------|---------|--------|--------|--------|--------|----------|--------|---------|---------|--------|

Observaciones: **Valvula cerrada los días 21 y 22 de Enero 2015**