

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



|                           |                                 |
|---------------------------|---------------------------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |
| <b>PUNTO DE MEDICIÓN:</b> | Fenosa                          |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 9/1/2012             | 92.9740           | 0.3940                           | 2.0110               | 2.4060                   | 4.0040           |                                |                                 | 38.4180                                  | 49.8660                              |  |                                       |                     |
| 9/2/2012             | 92.9900           | 0.3930                           | 2.0160               | 2.4080                   | 3.9990           |                                |                                 | 38.4070                                  | 49.8590                              |  |                                       |                     |
| 9/3/2012             | 92.9720           | 0.3840                           | 2.0410               | 2.4250                   | 3.9940           |                                |                                 | 38.4060                                  | 49.8520                              |  |                                       |                     |
| 9/4/2012             | 92.9830           | 0.4160                           | 1.9620               | 2.3790                   | 4.0260           |                                |                                 | 38.4340                                  | 49.8820                              |  |                                       |                     |
| 9/5/2012             | 93.0630           | 0.4360                           | 1.9420               | 2.3780                   | 3.9920           |                                |                                 | 38.3930                                  | 49.8540                              |  |                                       |                     |
| 9/6/2012             | 92.8720           | 0.4230                           | 1.9990               | 2.4220                   | 4.1150           |                                |                                 | 38.4260                                  | 49.8570                              |  |                                       |                     |
| 9/7/2012             | 93.0250           | 0.4250                           | 1.9420               | 2.3670                   | 4.0160           |                                |                                 | 38.4220                                  | 49.8780                              |  |                                       |                     |
| 9/8/2012             | 93.2320           | 0.4490                           | 1.8460               | 2.2960                   | 3.8920           |                                |                                 | 38.4070                                  | 49.8950                              |  |                                       |                     |
| 9/9/2012             | 93.2220           | 0.4350                           | 1.8740               | 2.3080                   | 3.9220           |                                |                                 | 38.3840                                  | 49.8800                              |  |                                       |                     |
| 9/10/2012            | 93.0500           | 0.4270                           | 1.9050               | 2.3330                   | 4.0430           |                                |                                 | 38.4250                                  | 49.8950                              |  |                                       |                     |
| 9/11/2012            | 92.7930           | 0.4070                           | 1.9610               | 2.3680                   | 4.2030           |                                |                                 | 38.4960                                  | 49.9250                              |  |                                       |                     |
| 9/12/2012            | 92.8260           | 0.4170                           | 1.9850               | 2.4020                   | 4.1330           |                                |                                 | 38.4670                                  | 49.8910                              |  |                                       |                     |
| 9/13/2012            | 93.0240           | 0.4530                           | 1.9310               | 2.3840                   | 3.9550           |                                |                                 | 38.4270                                  | 49.8670                              |  |                                       |                     |
| 9/14/2012            | 93.2340           | 0.4760                           | 1.9150               | 2.3910                   | 3.7890           |                                |                                 | 38.3390                                  | 49.8070                              |  |                                       |                     |
| 9/15/2012            | 92.9130           | 0.4160                           | 2.0540               | 2.4700                   | 3.9890           |                                |                                 | 38.3900                                  | 49.8160                              |  |                                       |                     |
| 9/16/2012            | 92.9770           | 0.3880                           | 2.0690               | 2.4570                   | 3.9400           |                                |                                 | 38.3820                                  | 49.8230                              |  |                                       |                     |
| 9/17/2012            | 93.1110           | 0.3810                           | 2.0220               | 2.4040                   | 3.8620           |                                |                                 | 38.3820                                  | 49.8490                              |  |                                       |                     |
| 9/18/2012            | 93.2990           | 0.4650                           | 1.9380               | 2.4030                   | 3.7300           |                                |                                 | 38.3060                                  | 49.7850                              |  |                                       |                     |
| 9/19/2012            | 93.3840           | 0.4750                           | 1.9360               | 2.4110                   | 3.6530           |                                |                                 | 38.2670                                  | 49.7570                              |  |                                       |                     |
| 9/20/2012            | 93.3420           | 0.4560                           | 1.9590               | 2.4150                   | 3.6790           |                                |                                 | 38.2820                                  | 49.7680                              |  |                                       |                     |
| 9/21/2012            | 93.0940           | 0.4180                           | 2.0310               | 2.4490                   | 3.8590           |                                |                                 | 38.3400                                  | 49.7950                              |  |                                       |                     |
| 9/22/2012            | 93.0260           | 0.4080                           | 2.0330               | 2.4410                   | 3.9080           |                                |                                 | 38.3770                                  | 49.8230                              |  |                                       |                     |
| 9/23/2012            | 92.8780           | 0.4020                           | 1.9930               | 2.3950                   | 4.0290           |                                |                                 | 38.4750                                  | 49.9020                              |  |                                       |                     |
| 9/24/2012            | 92.5610           | 0.3490                           | 2.0190               | 2.3680                   | 4.2980           |                                |                                 | 38.6030                                  | 50.0000                              |  |                                       |                     |
| 9/25/2012            | 92.4130           | 0.3060                           | 2.1000               | 2.4060                   | 4.4190           |                                |                                 | 38.6160                                  | 50.0010                              |  |                                       |                     |
| 9/26/2012            | 92.5370           | 0.2900                           | 2.1520               | 2.4420                   | 4.3250           |                                |                                 | 38.5380                                  | 49.9430                              |  |                                       |                     |
| 9/27/2012            | 92.7450           | 0.3110                           | 2.1390               | 2.4500                   | 4.1610           |                                |                                 | 38.4570                                  | 49.8880                              |  |                                       |                     |
| 9/28/2012            | 92.8600           | 0.3490                           | 2.0740               | 2.4230                   | 4.0870           |                                |                                 | 38.4330                                  | 49.8770                              |  |                                       |                     |
| 9/29/2012            | 93.0490           | 0.3520                           | 1.9970               | 2.3500                   | 3.9020           |                                |                                 | 38.4580                                  | 49.9230                              |  |                                       |                     |
| 9/30/2012            | 93.1100           | 0.3050                           | 2.0890               | 2.3940                   | 3.8200           |                                |                                 | 38.3990                                  | 49.8800                              |  |                                       |                     |

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

|                   |         |        |        |        |        |        |        |         |         |        |  |  |
|-------------------|---------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--|--|
| <b>Mínimo</b>     | 92.4130 | 0.2900 | 1.8460 | 2.2960 | 3.6530 | 0.0000 | 0.0000 | 38.2670 | 49.7570 | 0.0000 |  |  |
| <b>Promedio</b>   | 92.9853 | 0.4002 | 1.9978 | 2.3982 | 3.9915 | 0.0000 | 0.0000 | 38.4185 | 49.8679 | 0.0000 |  |  |
| <b>Máximo</b>     | 93.3840 | 0.4760 | 2.1520 | 2.4700 | 4.4190 | 0.0000 | 0.0000 | 38.6160 | 50.0010 | 0.0000 |  |  |
| <b>Desv. Est.</b> | 0.2274  | 0.0511 | 0.0739 | 0.0412 | 0.1792 | 0.0000 | 0.0000 | 0.0782  | 0.0579  | 0.0000 |  |  |

Observaciones:

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



|                           |                                 |
|---------------------------|---------------------------------|
| <b>PERMISIONARIO:</b>     | Pemex Gas y Petroquímica Básica |
| <b>PUNTO DE MEDICIÓN:</b> | Naco                            |
| <b>ZONA DE MEDICIÓN:</b>  | RESTO DEL PAÍS                  |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
|                      | Norma ( 84 )      | Norma ( 3 )                      | Norma ( 4 )          | Norma ( 4 )              | Norma ( 11 )     | Norma ( -2 °C )                | Norma ( 110 )                   | Norma ( 37,30 - 43,60 )                  | Norma ( 48,20 - 53,20 )              | Norma ( 6 )                                  | Norma ( 150 )                         | Norma ( 0.2 )       |
| 9/1/2012             | 92.9740           | 0.3940                           | 2.0110               | 2.4060                   | 4.0040           |                                |                                 | 38.4180                                  | 49.8660                              |  |                                       |                     |
| 9/2/2012             | 92.9900           | 0.3930                           | 2.0160               | 2.4080                   | 3.9990           |                                |                                 | 38.4070                                  | 49.8590                              |  |                                       |                     |
| 9/3/2012             | 92.9720           | 0.3840                           | 2.0410               | 2.4250                   | 3.9940           |                                |                                 | 38.4060                                  | 49.8520                              |  |                                       |                     |
| 9/4/2012             | 92.9830           | 0.4160                           | 1.9620               | 2.3790                   | 4.0260           |                                |                                 | 38.4340                                  | 49.8820                              |  |                                       |                     |
| 9/5/2012             | 93.0630           | 0.4360                           | 1.9420               | 2.3780                   | 3.9920           |                                |                                 | 38.3930                                  | 49.8540                              |  |                                       |                     |
| 9/6/2012             | 92.8720           | 0.4230                           | 1.9990               | 2.4220                   | 4.1150           |                                |                                 | 38.4260                                  | 49.8570                              |  |                                       |                     |
| 9/7/2012             | 93.0250           | 0.4250                           | 1.9420               | 2.3670                   | 4.0160           |                                |                                 | 38.4220                                  | 49.8780                              |  |                                       |                     |
| 9/8/2012             | 93.2320           | 0.4490                           | 1.8460               | 2.2960                   | 3.8920           |                                |                                 | 38.4070                                  | 49.8950                              |  |                                       |                     |
| 9/9/2012             | 93.2220           | 0.4350                           | 1.8740               | 2.3080                   | 3.9220           |                                |                                 | 38.3840                                  | 49.8800                              |  |                                       |                     |
| 9/10/2012            | 93.0500           | 0.4270                           | 1.9050               | 2.3330                   | 4.0430           |                                |                                 | 38.4250                                  | 49.8950                              |  |                                       |                     |
| 9/11/2012            | 92.7930           | 0.4070                           | 1.9610               | 2.3680                   | 4.2030           |                                |                                 | 38.4960                                  | 49.9250                              |  |                                       |                     |
| 9/12/2012            | 92.8260           | 0.4170                           | 1.9850               | 2.4020                   | 4.1330           |                                |                                 | 38.4670                                  | 49.8910                              |  |                                       |                     |
| 9/13/2012            | 93.0240           | 0.4530                           | 1.9310               | 2.3840                   | 3.9550           |                                |                                 | 38.4270                                  | 49.8670                              |  |                                       |                     |
| 9/14/2012            | 93.2340           | 0.4760                           | 1.9150               | 2.3910                   | 3.7890           |                                |                                 | 38.3390                                  | 49.8070                              |  |                                       |                     |
| 9/15/2012            | 92.9130           | 0.4160                           | 2.0540               | 2.4700                   | 3.9890           |                                |                                 | 38.3900                                  | 49.8160                              |  |                                       |                     |
| 9/16/2012            | 92.9770           | 0.3880                           | 2.0690               | 2.4570                   | 3.9400           |                                |                                 | 38.3820                                  | 49.8230                              |  |                                       |                     |
| 9/17/2012            | 93.1110           | 0.3810                           | 2.0220               | 2.4040                   | 3.8620           |                                |                                 | 38.3820                                  | 49.8490                              |  |                                       |                     |
| 9/18/2012            | 93.2990           | 0.4650                           | 1.9380               | 2.4030                   | 3.7300           |                                |                                 | 38.3060                                  | 49.7850                              |  |                                       |                     |
| 9/19/2012            | 93.3840           | 0.4750                           | 1.9360               | 2.4110                   | 3.6530           |                                |                                 | 38.2670                                  | 49.7570                              |  |                                       |                     |
| 9/20/2012            | 93.3420           | 0.4560                           | 1.9590               | 2.4150                   | 3.6790           |                                |                                 | 38.2820                                  | 49.7680                              |  |                                       |                     |
| 9/21/2012            | 93.0940           | 0.4180                           | 2.0310               | 2.4490                   | 3.8590           |                                |                                 | 38.3400                                  | 49.7950                              |  |                                       |                     |
| 9/22/2012            | 93.0260           | 0.4080                           | 2.0330               | 2.4410                   | 3.9080           |                                |                                 | 38.3770                                  | 49.8230                              |  |                                       |                     |
| 9/23/2012            | 92.8780           | 0.4020                           | 1.9930               | 2.3950                   | 4.0290           |                                |                                 | 38.4750                                  | 49.9020                              |  |                                       |                     |
| 9/24/2012            | 92.5610           | 0.3490                           | 2.0190               | 2.3680                   | 4.2980           |                                |                                 | 38.6030                                  | 50.0000                              |  |                                       |                     |
| 9/25/2012            | 92.4130           | 0.3060                           | 2.1000               | 2.4060                   | 4.4190           |                                |                                 | 38.6160                                  | 50.0010                              |  |                                       |                     |
| 9/26/2012            | 92.5370           | 0.2900                           | 2.1520               | 2.4420                   | 4.3250           |                                |                                 | 38.5380                                  | 49.9430                              |  |                                       |                     |
| 9/27/2012            | 92.7450           | 0.3110                           | 2.1390               | 2.4500                   | 4.1610           |                                |                                 | 38.4570                                  | 49.8880                              |  |                                       |                     |
| 9/28/2012            | 92.8600           | 0.3490                           | 2.0740               | 2.4230                   | 4.0870           |                                |                                 | 38.4330                                  | 49.8770                              |  |                                       |                     |
| 9/29/2012            | 93.0490           | 0.3520                           | 1.9970               | 2.3500                   | 3.9020           |                                |                                 | 38.4580                                  | 49.9230                              |  |                                       |                     |
| 9/30/2012            | 93.1100           | 0.3050                           | 2.0890               | 2.3940                   | 3.8200           |                                |                                 | 38.3990                                  | 49.8800                              |  |                                       |                     |

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

|                   |         |        |        |        |        |        |        |         |         |        |  |  |
|-------------------|---------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--|--|
| <b>Mínimo</b>     | 92.4130 | 0.2900 | 1.8460 | 2.2960 | 3.6530 | 0.0000 | 0.0000 | 38.2670 | 49.7570 | 0.0000 |  |  |
| <b>Promedio</b>   | 92.9853 | 0.4002 | 1.9978 | 2.3982 | 3.9915 | 0.0000 | 0.0000 | 38.4185 | 49.8679 | 0.0000 |  |  |
| <b>Máximo</b>     | 93.3840 | 0.4760 | 2.1520 | 2.4700 | 4.4190 | 0.0000 | 0.0000 | 38.6160 | 50.0010 | 0.0000 |  |  |
| <b>Desv. Est.</b> | 0.2274  | 0.0511 | 0.0739 | 0.0412 | 0.1792 | 0.0000 | 0.0000 | 0.0782  | 0.0579  | 0.0000 |  |  |

Observaciones: