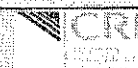


# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)



|                    |                   |
|--------------------|-------------------|
| PERMISIONARIO:     | Gasoducto del Río |
| PUNTO DE MEDICIÓN: | Estación Brasil   |
| ZONA DE MEDICIÓN:  | 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>Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder<br>Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Ácido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------------|---------------------|
| 01/04/2015           | 95.7589           | 0.5275                           | 0.1505               | 0.6780                   | 3.4004           | 232.4848                       | 7.4365                          | 38.6224                                     | 50.7561                              | 2.5073                                       |                                       |                     |
| 02/04/2015           | 95.9811           | 0.6011                           | 0.1466               | 0.7477                   | 3.1115           | 241.6431                       | 8.8613                          | 38.5184                                     | 50.6473                              | 2.6735                                       |                                       |                     |
| 03/04/2015           | 96.2943           | 0.6101                           | 0.1443               | 0.7545                   | 2.7880           | 244.0950                       | 9.6115                          | 38.4276                                     | 50.5903                              | 2.6589                                       |                                       |                     |
| 04/04/2015           | 96.3477           | 0.6463                           | 0.1581               | 0.8044                   | 2.6814           | 245.0864                       | 9.1660                          | 38.3820                                     | 50.5327                              | 2.5440                                       |                                       |                     |
| 05/04/2015           | 96.2412           | 0.6254                           | 0.1506               | 0.7760                   | 2.8378           | 242.0449                       | 7.3017                          | 38.4200                                     | 50.5724                              | 2.5231                                       |                                       |                     |
| 06/04/2015           | 96.0796           | 0.6671                           | 0.1552               | 0.8223                   | 2.9389           | 243.6876                       | 8.9145                          | 38.4409                                     | 50.5525                              | 2.7749                                       |                                       |                     |
| 07/04/2015           | 95.3713           | 0.6640                           | 0.1646               | 0.8283                   | 3.6158           | 243.0175                       | 9.7540                          | 38.6449                                     | 50.6673                              | 2.8974                                       |                                       |                     |
| 08/04/2015           | 95.2840           | 0.6096                           | 0.1496               | 0.7592                   | 3.7546           | 242.8918                       | 10.0406                         | 38.7204                                     | 50.7547                              | 2.9148                                       |                                       |                     |
| 09/04/2015           | 95.1072           | 0.5646                           | 0.1429               | 0.7075                   | 4.0011           | 242.4722                       | 9.9128                          | 38.8001                                     | 50.8344                              | 2.8699                                       |                                       |                     |
| 10/04/2015           | 95.0248           | 0.5093                           | 0.1470               | 0.6563                   | 3.7587           | 242.7984                       | 8.8687                          | 38.6831                                     | 50.8895                              | 1.4152                                       |                                       |                     |
| 11/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 7.1937                          | 38.4603                                     | 50.8925                              | 0.0238                                       |                                       |                     |
| 12/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 8.6097                          | 38.4603                                     | 50.8925                              | 0.0222                                       |                                       |                     |
| 13/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 10.1875                         | 38.4603                                     | 50.8925                              | 0.0292                                       |                                       |                     |
| 14/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 9.7778                          | 38.4603                                     | 50.8925                              | 0.0192                                       |                                       |                     |
| 15/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 10.3707                         | 38.4603                                     | 50.8925                              | 0.0210                                       |                                       |                     |
| 16/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 12.1809                         | 38.4603                                     | 50.8925                              | 0.0231                                       |                                       |                     |
| 17/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 15.3311                         | 38.4603                                     | 50.8925                              | 0.0216                                       |                                       |                     |
| 18/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 17.2012                         | 38.4603                                     | 50.8925                              | 0.0238                                       |                                       |                     |
| 19/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 23.2702                         | 38.4603                                     | 50.8925                              | 0.0244                                       |                                       |                     |
| 20/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 17.2499                         | 38.4603                                     | 50.8925                              | 0.0737                                       |                                       |                     |
| 21/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 14.9008                         | 38.4603                                     | 50.8925                              | 0.1117                                       |                                       |                     |
| 22/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 18.2553                         | 38.4603                                     | 50.8925                              | 0.1338                                       |                                       |                     |
| 23/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 19.5752                         | 38.4603                                     | 50.8925                              | 0.1393                                       |                                       |                     |
| 24/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 18.4706                         | 38.4603                                     | 50.8925                              | 0.1176                                       |                                       |                     |
| 25/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 18.4706                         | 38.4603                                     | 50.8925                              | 0.1176                                       |                                       |                     |
| 26/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 21.2616                         | 38.4603                                     | 50.8925                              | 0.1143                                       |                                       |                     |
| 27/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 23.1576                         | 38.4603                                     | 50.8925                              | 2.0660                                       |                                       |                     |
| 28/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 21.3282                         | 38.4603                                     | 50.8925                              | 4.0307                                       |                                       |                     |
| 29/04/2015           | 95.2170           | 0.4680                           | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 17.2963                         | 38.4603                                     | 50.8925                              | 4.2189                                       |                                       |                     |
| 30/04/2015           | 95.4377           | 0.5151                           | 0.1538               | 0.6689                   | 2.9793           | 243.5735                       | 22.7695                         | 38.4235                                     | 50.8064                              | 2.8173                                       |                                       |                     |

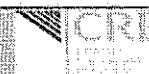
\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|            |             |             |             |            |             |             |             |             |             |             |  |  |
|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|
| Mínimo     | 95.0248     | 0.4680      | 0.1429      | 0.6190     | 2.6814      | 232.4848    | 7.1937      | 38.3820     | 50.5327     | 0.0192      |  |  |
| Promedio   | 95.4017     | 0.5144      | 0.1511      | 0.6655     | 3.1595      | 242.8194    | 13.8909     | 38.4943     | 50.8187     | 1.3309      |  |  |
| Máximo     | 96.3477     | 0.6671      | 0.1646      | 0.8283     | 4.0011      | 245.0864    | 23.2702     | 38.8001     | 50.8925     | 4.2189      |  |  |
| Desv. Est. | 0.381115461 | 0.070652041 | 0.003752698 | 0.07171627 | 0.282003013 | 2.032361515 | 5.445668988 | 0.096903098 | 0.122429022 | 1.454858994 |  |  |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



PERMISIONARIO:

Gasoducto del Rio

PUNTO DE MEDICIÓN:

Estación Brasil

ZONA DE MEDICIÓN:

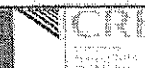
RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Óxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m³) | Poder Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Ácido Sulfhídrico<br>(mg/m³) |
|----------------------|-------------------|-----------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/04/2015           | 96.2581           | 0.6223                      | 0.3102               | 0.7797                   | 3.8620           | 244.0270                       | 10.5900            | 38.7958                     | 50.8789                 | 3.3013                       |
| 02/04/2015           | 96.3104           | 0.6466                      | 0.1910               | 0.7952                   | 3.6261           | 249.5521                       | 16.8762            | 38.6875                     | 50.7426                 | 3.5258                       |
| 03/04/2015           | 96.9982           | 0.6846                      | 0.1509               | 0.8340                   | 3.1019           | 250.4459                       | 16.3845            | 38.5276                     | 50.6686                 | 3.3537                       |
| 04/04/2015           | 96.5672           | 0.7669                      | 0.1640               | 0.9269                   | 2.9514           | 250.1486                       | 14.9766            | 38.4554                     | 50.5928                 | 3.5558                       |
| 05/04/2015           | 96.4451           | 0.6692                      | 0.1600               | 0.8194                   | 3.0433           | 244.9203                       | 9.0667             | 38.4919                     | 50.6276                 | 3.3911                       |
| 06/04/2015           | 96.4275           | 0.7194                      | 0.2081               | 0.9028                   | 3.4687           | 252.1570                       | 15.9916            | 38.6567                     | 50.6421                 | 3.3537                       |
| 07/04/2015           | 95.8282           | 0.6901                      | 0.8912               | 1.5441                   | 3.9877           | 246.5960                       | 13.2504            | 38.7768                     | 50.7525                 | 5.7042                       |
| 08/04/2015           | 95.7321           | 0.6666                      | 0.1899               | 0.8468                   | 4.1891           | 250.0558                       | 14.1924            | 38.9190                     | 50.9040                 | 3.9450                       |
| 09/04/2015           | 95.4999           | 0.6613                      | 0.1841               | 0.8008                   | 4.3368           | 245.7803                       | 12.3429            | 38.9344                     | 50.9700                 | 3.4510                       |
| 10/04/2015           | 95.2170           | 0.5853                      | 0.1510               | 0.7295                   | 4.5374           | 245.6713                       | 14.9922            | 38.9485                     | 50.9250                 | 3.2938                       |
| 11/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 9.2657             | 38.4603                     | 50.8925                 | 0.1497                       |
| 12/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 12.6117            | 38.4603                     | 50.8925                 | 0.2545                       |
| 13/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 16.4724            | 38.4603                     | 50.8925                 | 0.7112                       |
| 14/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 11.7108            | 38.4603                     | 50.8925                 | 0.0823                       |
| 15/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 13.2551            | 38.4603                     | 50.8925                 | 0.0973                       |
| 16/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 16.9871            | 38.4603                     | 50.8925                 | 0.1497                       |
| 17/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 20.9765            | 38.4603                     | 50.8925                 | 0.1497                       |
| 18/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 21.2339            | 38.4603                     | 50.8925                 | 0.1497                       |
| 19/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 31.7865            | 38.4603                     | 50.8925                 | 0.1198                       |
| 20/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 37.5776            | 38.4603                     | 50.8925                 | 0.5390                       |
| 21/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 16.2150            | 38.4603                     | 50.8925                 | 0.6662                       |
| 22/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 24.7086            | 38.4603                     | 50.8925                 | 0.7860                       |
| 23/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 26.2528            | 38.4603                     | 50.8925                 | 1.0780                       |
| 24/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 24.8372            | 38.4603                     | 50.8925                 | 1.0256                       |
| 25/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 24.8372            | 38.4603                     | 50.8925                 | 1.0256                       |
| 26/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 29.8562            | 38.4603                     | 50.8925                 | 0.9357                       |
| 27/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 35.7759            | 38.4603                     | 50.8925                 | 19.8001                      |
| 28/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 33.8456            | 38.4603                     | 50.8925                 | 24.9728                      |
| 29/04/2015           | 95.2170           | 0.4680                      | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 30.3709            | 38.4603                     | 50.8925                 | 23.3708                      |
| 30/04/2015           | 96.8188           | 0.8050                      | 0.1717               | 0.9709                   | 3.1010           | 246.7916                       | 55.8843            | 38.4603                     | 50.8925                 | 24.3964                      |
| Máximo               | 96.9982           | 0.8050                      | 0.8912               | 1.5441                   | 4.5374           | 252.1570                       | 55.8843            | 38.9485                     | 50.9700                 | 24.9728                      |

Observaciones:

# INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros mínimos diarios)



PERMISIONARIO: Gasoducto del Rio  
 PUNTO DE MEDICIÓN: Estación Brasil  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Dióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocío<br>(K) | Humedad<br>(mg/m³) | Poder Calorífico<br>(MJ/m³) | Índice Wobbe<br>(MJ/m³) | Ácido Sulfhídrico<br>(mg/m³) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| 01/04/2015           | 95.2269           | 0.4695                        | 0.1402               | 0.6151                   | 2.8429           | 226.6545                       | 5.2999             | 38.4770                     | 50.6461                 | 1.9763                       |
| 02/04/2015           | 95.4285           | 0.5545                        | 0.1393               | 0.6994                   | 2.8437           | 230.2314                       | 5.6613             | 38.4380                     | 50.6032                 | 2.2158                       |
| 03/04/2015           | 95.9967           | 0.5121                        | 0.1347               | 0.6586                   | 2.1539           | 239.9837                       | 5.7923             | 38.2375                     | 50.4950                 | 2.2308                       |
| 04/04/2015           | 96.0439           | 0.5805                        | 0.1456               | 0.7400                   | 2.3232           | 239.3166                       | 4.7853             | 38.2510                     | 50.3735                 | 1.9388                       |
| 05/04/2015           | 96.0569           | 0.5837                        | 0.1438               | 0.7432                   | 2.6711           | 239.6384                       | 4.6623             | 38.3745                     | 50.5269                 | 2.1035                       |
| 06/04/2015           | 95.3291           | 0.5935                        | 0.1432               | 0.7415                   | 2.6175           | 241.0449                       | 5.0399             | 38.3340                     | 50.4958                 | 2.3730                       |
| 07/04/2015           | 94.9340           | 0.6449                        | 0.1358               | 0.7827                   | 3.1895           | 239.3923                       | 7.1215             | 38.2755                     | 50.1300                 | 2.4254                       |
| 08/04/2015           | 94.8019           | 0.5244                        | 0.1280               | 0.6604                   | 3.3691           | 237.6103                       | 7.3664             | 38.5879                     | 50.6728                 | 2.2308                       |
| 09/04/2015           | 94.8202           | 0.4761                        | 0.1298               | 0.6154                   | 3.6343           | 237.5912                       | 7.6063             | 38.6551                     | 50.6964                 | 2.3730                       |
| 10/04/2015           | 94.5681           | 0.4680                        | 0.1392               | 0.6190                   | 3.1010           | 236.1081                       | 4.6329             | 38.4603                     | 50.8428                 | 0.0150                       |
| 11/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 5.1476             | 38.4603                     | 50.8925                 | 0.0150                       |
| 12/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 5.6624             | 38.4603                     | 50.8925                 | 0.0075                       |
| 13/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 7.0780             | 38.4603                     | 50.8925                 | 0.0075                       |
| 14/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 7.4640             | 38.4603                     | 50.8925                 | 0.0075                       |
| 15/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 7.9788             | 38.4603                     | 50.8925                 | 0.0075                       |
| 16/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 9.0083             | 38.4603                     | 50.8925                 | 0.0075                       |
| 17/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 12.0969            | 38.4603                     | 50.8925                 | 0.0150                       |
| 18/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 13.6412            | 38.4603                     | 50.8925                 | 0.0150                       |
| 19/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 16.3437            | 38.4603                     | 50.8925                 | 0.0150                       |
| 20/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 14.0273            | 38.4603                     | 50.8925                 | 0.0075                       |
| 21/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 13.7699            | 38.4603                     | 50.8925                 | 0.0075                       |
| 22/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 13.8986            | 38.4603                     | 50.8925                 | 0.0150                       |
| 23/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 15.0568            | 38.4603                     | 50.8925                 | 0.0150                       |
| 24/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 13.7699            | 38.4603                     | 50.8925                 | 0.0150                       |
| 25/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 13.7699            | 38.4603                     | 50.8925                 | 0.0150                       |
| 26/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 15.1855            | 38.4603                     | 50.8925                 | 0.0150                       |
| 27/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 14.4133            | 38.4603                     | 50.8925                 | 0.0150                       |
| 28/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 12.0969            | 38.4603                     | 50.8925                 | 0.0075                       |
| 29/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 3.1010           | 243.1993                       | 8.8796             | 38.4603                     | 50.8925                 | 0.0075                       |
| 30/04/2015           | 95.2170           | 0.4680                        | 0.1510               | 0.6190                   | 2.0879           | 242.9028                       | 8.2362             | 38.1328                     | 50.2849                 | 0.0075                       |
| Mínimo               | 94.5681           | 0.4680                        | 0.1280               | 0.6151                   | 2.0879           | 226.6545                       | 4.6329             | 38.1328                     | 50.1300                 | 0.0075                       |

Observaciones: