

|                                   |                                                                                   |           |                                                                  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |  |
|-----------------------------------|-----------------------------------------------------------------------------------|-----------|------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--|
| Calidad de Gas<br>Septiembre 2020 |  |           | TRANSPORTADORA DE GAS DE TRANCOSO S.A. de C.V.                   |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |  |
|                                   |                                                                                   |           | Origen                                                           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |  |
|                                   |                                                                                   |           | Punto de Interconexión con Gas Natural del Noroeste S.A. de C.V. |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |  |
|                                   |                                                                                   |           | Destino<br>Trancoso, Zacatecas                                   |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |  |
|                                   |                                                                                   |           |                                                                  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |        |  |
| Fecha                             |                                                                                   | Martes    | Miércoles                                                        | Jueves    | Viernes   | SABADO    | DOMINGO   | Lunes     | Martes    | Miércoles | Jueves    | Viernes   | SABADO    | DOMINGO   | Lunes     | Martes    | Miércoles | Jueves    | Viernes   | SABADO    | DOMINGO   | Lunes     | Martes    | Miércoles | Jueves    | Viernes   | SABADO    | DOMINGO   | Lunes     | Martes    | Miércoles | Jueves    | Viernes   | SABADO    | DOMINGO   | Lunes     | Martes |  |
| Componente                        |                                                                                   | %         | %                                                                | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         | %         |        |  |
| Metano                            | Min. 83 %                                                                         | 95.9220%  | 95.8481%                                                         | 95.8254%  | 95.9376%  | 95.1268%  | 95.9813%  | 95.0102%  | 94.8750%  | 95.0191%  | 95.0102%  | 94.8022%  | 94.8464%  | 94.8749%  | 95.0889%  | 95.0019%  | 94.8751%  | 94.8446%  | 94.9981%  | 95.3437%  | 95.9851%  | 95.9754%  | 95.0101%  | 95.8600%  | 95.8409%  | 95.9922%  | 95.9471%  | 95.0810%  | 95.1679%  | 95.9842%  | 95.9409%  | 95.9842%  | 95.9409%  | 95.9842%  | 95.9409%  | 95.9842%  |        |  |
| Nitrogeno                         | Max. 6.0%                                                                         | 0.6579%   | 0.6739%                                                          | 0.6893%   | 0.6700%   | 0.5899%   | 0.6293%   | 0.6623%   | 0.6312%   | 0.6107%   | 0.6179%   | 0.7070%   | 0.7789%   | 0.7709%   | 0.7720%   | 0.8174%   | 0.8029%   | 0.7841%   | 0.7882%   | 0.7757%   | 0.7499%   | 0.7983%   | 0.7971%   | 0.7775%   | 0.8204%   | 0.7903%   | 0.7789%   | 0.8011%   | 0.8940%   | 0.8940%   | 0.8940%   | 0.8940%   | 0.8940%   | 0.8940%   | 0.8940%   | 0.8940%   |        |  |
| Dioxido de carbono                | Max. 3%                                                                           | 0.6729%   | 0.8817%                                                          | 0.6847%   | 0.8629%   | 0.6897%   | 0.6277%   | 0.6209%   | 0.6209%   | 0.6179%   | 0.6279%   | 0.5699%   | 0.5759%   | 0.6199%   | 0.5699%   | 0.5699%   | 0.6110%   | 0.5903%   | 0.6279%   | 0.6409%   | 0.5813%   | 0.5759%   | 0.5759%   | 0.5999%   | 0.5747%   | 0.6279%   | 0.5699%   | 0.5747%   | 0.5699%   | 0.5747%   | 0.5699%   | 0.5747%   | 0.5699%   | 0.5747%   | 0.5699%   | 0.5747%   |        |  |
| Etano                             | Max. 11 %                                                                         | 2.5873%   | 2.6603%                                                          | 2.6349%   | 2.5313%   | 2.4257%   | 2.6103%   | 3.5443%   | 3.7249%   | 3.5967%   | 3.5369%   | 3.7469%   | 3.6277%   | 3.5819%   | 3.3904%   | 3.4617%   | 3.5870%   | 3.4713%   | 3.1031%   | 2.4916%   | 2.5009%   | 2.4710%   | 2.6009%   | 2.5999%   | 2.3801%   | 2.4119%   | 2.3679%   | 2.3679%   | 2.3679%   | 2.3679%   | 2.3679%   | 2.3679%   | 2.3679%   | 2.3679%   | 2.3679%   |           |        |  |
| Propano                           |                                                                                   | 0.1221%   | 0.1254%                                                          | 0.1273%   | 0.1309%   | 0.1309%   | 0.1304%   | 0.1244%   | 0.1330%   | 0.1231%   | 0.1271%   | 0.1414%   | 0.1379%   | 0.1259%   | 0.1219%   | 0.1273%   | 0.1239%   | 0.1291%   | 0.1300%   | 0.1177%   | 0.1231%   | 0.1074%   | 0.1101%   | 0.1420%   | 0.1250%   | 0.1239%   | 0.1131%   | 0.1209%   | 0.1209%   | 0.1209%   | 0.1209%   | 0.1209%   | 0.1209%   | 0.1209%   | 0.1209%   | 0.1209%   |        |  |
| i-Butano                          |                                                                                   | 0.0122%   | 0.0129%                                                          | 0.0120%   | 0.0141%   | 0.0124%   | 0.0104%   | 0.0102%   | 0.0109%   | 0.0107%   | 0.0109%   | 0.0120%   | 0.0102%   | 0.0102%   | 0.0107%   | 0.0109%   | 0.0101%   | 0.0109%   | 0.0104%   | 0.0101%   | 0.0099%   | 0.0100%   | 0.0104%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   |        |  |
| n-Butano                          |                                                                                   | 0.0127%   | 0.0139%                                                          | 0.0129%   | 0.0150%   | 0.0127%   | 0.0109%   | 0.0104%   | 0.0119%   | 0.0109%   | 0.0112%   | 0.0125%   | 0.0122%   | 0.0107%   | 0.0109%   | 0.0104%   | 0.0109%   | 0.0111%   | 0.0114%   | 0.0111%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   | 0.0109%   |        |  |
| i-Pentano                         |                                                                                   | 0.0042%   | 0.0047%                                                          | 0.0042%   | 0.0057%   | 0.0047%   | 0.0037%   | 0.0039%   | 0.0037%   | 0.0042%   | 0.0037%   | 0.0042%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   | 0.0037%   |        |  |
| n-Pentano                         |                                                                                   | 0.0039%   | 0.0032%                                                          | 0.0039%   | 0.0040%   | 0.0039%   | 0.0029%   | 0.0024%   | 0.0029%   | 0.0024%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   | 0.0029%   |        |  |
| Hexano                            |                                                                                   | 0.0022%   | 0.0027%                                                          | 0.0024%   | 0.0040%   | 0.0039%   | 0.0019%   | 0.0014%   | 0.0039%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   |        |  |
| Heptano                           |                                                                                   | 0.0010%   | 0.0010%                                                          | 0.0011%   | 0.0014%   | 0.0014%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   |        |  |
| Octano                            |                                                                                   | 0.0023%   | 0.0025%                                                          | 0.0024%   | 0.0033%   | 0.0039%   | 0.0021%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0020%   | 0.0020%   | 0.0021%   | 0.0019%   | 0.0020%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   | 0.0019%   |        |  |
| C3+                               |                                                                                   | 0.0009%   | 0.0004%                                                          | 0.0009%   | 0.0005%   | 0.0009%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0004%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   | 0.0003%   |        |  |
| Suma                              |                                                                                   | 100.0000% | 100.0000%                                                        | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% |        |  |
| Poder calorifico base seco MJ/m3  | PC Condiciona POPR                                                                | 36.262    | 36.292                                                           | 36.259    | 36.256    | 36.298    | 36.534    | 36.590    | 36.567    | 36.530    | 36.606    | 36.538    | 36.508    | 36.460    | 36.476    | 36.510    | 36.508    | 36.484    | 36.372    | 36.207    | 36.206    | 36.203    | 36.285    | 36.243    | 36.184    | 36.202    | 36.181    | 36.130    | 36.132    | 36.181    | 36.130    | 36.132    | 36.181    | 36.130    | 36.132    |           |        |  |
| Gravedad Especifica               |                                                                                   | 0.578445  | 0.578866                                                         | 0.578962  | 0.578664  | 0.577671  | 0.578041  | 0.582680  | 0.583341  | 0.582551  | 0.582676  | 0.583431  | 0.583210  | 0.583155  | 0.582001  | 0.582275  | 0.582904  | 0.583343  | 0.582401  | 0.580760  | 0.577876  | 0.577502  | 0.577202  | 0.578448  | 0.578336  | 0.577320  | 0.577481  | 0.578336  | 0.577320  | 0.577481  | 0.578336  | 0.577320  | 0.577481  | 0.578336  | 0.577320  |           |        |  |
| Punto de Rocio °C                 | -2.90                                                                             | -40.98    | -40.71                                                           | -40.62    | -37.19    | -38.18    | -42.71    | -45.62    | -45.44    | -44.56    | -43.53    | -42.80    | -45.75    | -45.35    | -44.44    | -45.55    | -46.75    | -45.53    | -45.75    | -46.04    | -48.02    | -46.58    | -46.70    | -40.86    | -44.17    | -43.71    | -42.31    | -44.98    | -46.35    | -47.92    | -46.35    | -47.92    | -46.35    | -47.92    |           |           |        |  |
| H2O (mg/m3)                       | 110.00                                                                            | 38.8157   | 37.7616                                                          | 37.3634   | 36.4942   | 40.1746   | 42.4150   | 36.7598   | 32.5873   | 30.2612   | 31.1624   | 30.5706   | 29.1151   | 27.9067   | 29.5454   | 29.6945   | 30.1015   | 30.5557   | 31.1361   | 32.2380   | 34.5031   | 31.6731   | 30.5295   | 27.8236   | 27.4517   | 28.5322   | 31.1715   | 29.3222   | 27.8756   | 27.3083   | 27.8756   | 27.3083   | 27.8756   | 27.3083   |           |           |        |  |
| Wobbe MJ / m3                     | 48.20 - 53.20                                                                     | 50.14     | 50.17                                                            | 50.12     | 50.13     | 50.16     | 50.20     | 50.34     | 50.39     | 50.39     | 50.34     | 50.40     | 50.32     | 50.28     | 50.27     | 50.28     | 50.30     | 50.28     | 50.28     | 50.19     | 50.09     | 50.11     | 50.12     | 50.19     | 50.13     | 50.09     | 50.11     | 50.10     | 50.05     | 50.03     | 50.05     | 50.03     | 50.05     | 50.03     | 50.05     |           |        |  |
| O2 %                              | 0-2.00%                                                                           | N/A       | N/A                                                              | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       | N/A       |        |  |
| H2S (mg/m3)                       | 6.00                                                                              | 0.8980    | 0.8935                                                           | 0.7414    | 0.7722    | 0.8546    | 0.8609    | 0.8546    | 0.8770    | 0.8644    | 0.9367    | 0.8832    | 0.9014    | 0.8755    | 0.8313    | 0.8515    | 0.8109    | 0.8057    | 0.7341    | 0.7202    | 0.6305    | 0.5924    | 0.6678    | 0.5946    | 0.4623    | 0.8483    | 0.7979    | 0.7586    | 0.6622    | 0.7156    | 0.7586    | 0.6622    | 0.7156    | 0.7586    |           |           |        |  |
| Total de inermes                  | Max. 6.0%                                                                         | 1.33%     | 1.33%                                                            | 1.37%     | 1.35%     | 1.28%     | 1.26%     | 1.29%     | 1.26%     | 1.23%     | 1.29%     | 1.27%     | 1.35%     | 1.39%     | 1.37%     | 1.38%     | 1.38%     | 1.40%     | 1.37%     | 1.40%     | 1.39%     | 1.38%     | 1.37%     | 1.34%     | 1.39%     | 1.38%     | 1.37%     | 1.38%     | 1.43%     | 1.46%     | 1.43%     | 1.46%     | 1.43%     | 1.46%     | 1.43%     |           |        |  |
| Azufre Total (mg/m3)              | 150                                                                               | 0.6291    | 0.6699                                                           | 0.6372    | 0.6484    | 0.6800    | 0.6428    | 0.6131    | 0.5954    | 0.6079    | 0.6189    | 0.5320    | 0.5279    | 0.5155    | 0.4637    | 0.4563    | 0.4094    | 0.4094    | 0.3741    | 0.3810    | 0.3657    | 0.3183    | 0.3684    | 0.3997    | 0.7563    | 0.2452    | 0.2748    | 0.2765    | 0.6622    | 0.2846    | 0.6622    | 0.2846    | 0.6622    | 0.2846    |           |           |        |  |