


| <div><div><div><div>Cálidda</div><div>GAS NATURAL DEL PERÚ</div></div></div><div><div>REPORTE DIARIO DE OPERACIÓN</div><div>Gerencia Técnica Área de Operaciones</div></div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|-----------------------|----------------|----------------|------------------------|-----------------------|----------------|-------------------------|-----------------------------|-------|------------|--|-------|-------|---------------------|------------------------|-------|------|--|-----------------------------|-----------|-----------|-------|-------------------------------|-------|-------|--|----------------------|-------|-------|------|--|------|------|--|------------------------------------|-------|------|--|------------------------------------|-----------|----------|--|------------------------|------|------|--|------------------|-------|-------|------|--|-------|------|--|-----------------------|-------|------|--|-----------------------------|-----------|----------|--|---------------------------------|-------|------|--|------------------------|------|------|--|-------------------------|-------|-------|--|
| <div>Fecha: 18/05/2013</div> <div>Hora: 06:00</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. CITY GATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th rowspan="2">LOCACION</th><th colspan="3">PARAMETRO OPERATIVOS</th></tr><tr><th>Presión entrada (barg)</th><th>Presión salida (barg)</th><th>Caudal Sm3 / h</th></tr><tr><td>City Gate</td><td>95.08</td><td>48.79</td><td>233,337.91</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>7,185</td><td></td><td></td></tr></table> | LOCACION | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | City Gate | 95.08 | 48.79 | 233,337.91 | Volumen entregado del día anterior (Mm3 std) | 7,185 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCACION | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City Gate | 95.08 | 48.79 | 233,337.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 7,185 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. GASODUCTO TRONCAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th rowspan="2">LOCACION</th><th colspan="2">PARAMETRO OPERATIVOS</th></tr><tr><th>Presión (barg)</th><th>Temperatura °C</th></tr><tr><td>Trampa de Lanzamiento</td><td>48.73</td><td>19.50</td></tr><tr><td>Cámara de Válvulas XV 10003</td><td>45.47</td><td>18.81</td></tr><tr><td>Cámara de Válvulas XV 10008</td><td>42.22</td><td>20.77</td></tr><tr><td>Trampa de Recepción</td><td>42.32</td><td>24.70</td></tr></table> | LOCACION | PARAMETRO OPERATIVOS | | Presión (barg) | Temperatura °C | Trampa de Lanzamiento | 48.73 | 19.50 | Cámara de Válvulas XV 10003 | 45.47 | 18.81 | Cámara de Válvulas XV 10008 | 42.22 | 20.77 | Trampa de Recepción | 42.32 | 24.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCACION | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión (barg) | Temperatura °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trampa de Lanzamiento | 48.73 | 19.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cámara de Válvulas XV 10003 | 45.47 | 18.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cámara de Válvulas XV 10008 | 42.22 | 20.77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trampa de Recepción | 42.32 | 24.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. ESTACIONES DE REGULACION Y PRESION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th rowspan="2">LOCACION</th><th colspan="3">PARAMETRO OPERATIVOS</th></tr><tr><th>Presión entrada (barg)</th><th>Presión salida (barg)</th><th>Caudal sm3 / h</th></tr><tr><td>ERP Maquinarias (50/19)</td><td>42.01</td><td>17.95</td><td>27,443</td></tr><tr><td>ERP Maquinarias (19/10)</td><td>17.95</td><td>9.18</td><td></td></tr><tr><td>ERP Maquinarias (19/5)</td><td>17.95</td><td>3.79</td><td></td></tr><tr><td>ERP El Agustino (50/10)</td><td>42.17</td><td>8.95</td><td>6,764</td></tr><tr><td>ERP Carretera Central (50/10)</td><td>42.30</td><td>8.73</td><td></td></tr><tr><td>ERP Gambetta (50/10)</td><td>42.27</td><td>9.19</td><td></td></tr><tr><td>ERP Gambetta (10/5) [1]</td><td>9.19</td><td>4.02</td><td></td></tr><tr><td>ERP Lurín (ERM San Lorenzo) (50/5)</td><td>48.67</td><td>2.95</td><td></td></tr><tr><td>ERP Funcal (ERM Corp. Cerámica 02)</td><td>42.30</td><td>4.07</td><td></td></tr><tr><td>ERP Omicrón (10/5) [2]</td><td>9.18</td><td>4.11</td><td></td></tr><tr><td>ERP Surco (50/5)</td><td>44.01</td><td>4.03</td><td></td></tr><tr><td>ERP Surco (50/10)</td><td>43.51</td><td>9.33</td><td></td></tr><tr><td>ERP R. Prialé (50/10)</td><td>42.23</td><td>8.76</td><td></td></tr><tr><td>ERP Pachacútec (50/10)</td><td>45.82</td><td>9.12</td><td></td></tr><tr><td>ERP Parques del Agustino (50/5)</td><td>41.62</td><td>4.03</td><td></td></tr><tr><td>ERP Mochica (10/5) [3]</td><td>8.95</td><td>3.95</td><td></td></tr><tr><td>ERP La Victoria (50/19)</td><td>43.07</td><td>18.03</td><td></td></tr></table> <div>[1] Presión Entrada: Salida ERP Gambetta 50/10. [2] Presión Entrada: Salida ERP Maquinarias 19/10. Presión Salida: Presión de seteo de la ERP. [3] Presión Entrada: Salida ERP El Agustino 50/10.</div> | LOCACION | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal sm3 / h | ERP Maquinarias (50/19) | 42.01 | 17.95 | 27,443 | ERP Maquinarias (19/10) | 17.95 | 9.18 | | ERP Maquinarias (19/5) | 17.95 | 3.79 | | ERP El Agustino (50/10) | 42.17 | 8.95 | 6,764 | ERP Carretera Central (50/10) | 42.30 | 8.73 | | ERP Gambetta (50/10) | 42.27 | 9.19 | | ERP Gambetta (10/5) [1] | 9.19 | 4.02 | | ERP Lurín (ERM San Lorenzo) (50/5) | 48.67 | 2.95 | | ERP Funcal (ERM Corp. Cerámica 02) | 42.30 | 4.07 | | ERP Omicrón (10/5) [2] | 9.18 | 4.11 | | ERP Surco (50/5) | 44.01 | 4.03 | | ERP Surco (50/10) | 43.51 | 9.33 | | ERP R. Prialé (50/10) | 42.23 | 8.76 | | ERP Pachacútec (50/10) | 45.82 | 9.12 | | ERP Parques del Agustino (50/5) | 41.62 | 4.03 | | ERP Mochica (10/5) [3] | 8.95 | 3.95 | | ERP La Victoria (50/19) | 43.07 | 18.03 | |
| LOCACION | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión entrada (barg) | Presión salida (barg) | Caudal sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (50/19) | 42.01 | 17.95 | 27,443 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (19/10) | 17.95 | 9.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (19/5) | 17.95 | 3.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP El Agustino (50/10) | 42.17 | 8.95 | 6,764 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Carretera Central (50/10) | 42.30 | 8.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Gambetta (50/10) | 42.27 | 9.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Gambetta (10/5) [1] | 9.19 | 4.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Lurín (ERM San Lorenzo) (50/5) | 48.67 | 2.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Funcal (ERM Corp. Cerámica 02) | 42.30 | 4.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Omicrón (10/5) [2] | 9.18 | 4.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Surco (50/5) | 44.01 | 4.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Surco (50/10) | 43.51 | 9.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP R. Prialé (50/10) | 42.23 | 8.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Pachacútec (50/10) | 45.82 | 9.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Parques del Agustino (50/5) | 41.62 | 4.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Mochica (10/5) [3] | 8.95 | 3.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP La Victoria (50/19) | 43.07 | 18.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. ESTACION DE REGULACION Y MEDICION: ETEVENSA Y EDEGEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th rowspan="2">LOCACION</th><th colspan="3">PARAMETRO OPERATIVOS</th></tr><tr><th>Presión entrada (barg)</th><th>Presión salida (barg)</th><th>Caudal Sm3 / h</th></tr><tr><td>ERM Etevensa</td><td>41.70</td><td>27.36</td><td>43,650</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>1,042</td><td></td><td></td></tr><tr><td>(MMPC std)*</td><td>37</td><td></td><td></td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar)</td><td>CD (mbar)</td><td></td></tr><tr><td></td><td>1.00</td><td>31.79</td><td></td></tr><tr><td>ERM Edegel</td><td>42.15</td><td>30.27</td><td>0.00</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>0</td><td></td><td></td></tr><tr><td>(MMPC std)*</td><td>0</td><td></td><td></td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar)</td><td>B (mbar)</td><td></td></tr><tr><td></td><td>0.58</td><td>0.47</td><td></td></tr><tr><td>ERM Edegel 2</td><td>42.19</td><td>24.67</td><td>0.00</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>86</td><td></td><td></td></tr><tr><td>(MMPC std)*</td><td>3</td><td></td><td></td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar)</td><td>B (mbar)</td><td></td></tr><tr><td></td><td>1.88</td><td>1.00</td><td></td></tr></table> | LOCACION | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | ERM Etevensa | 41.70 | 27.36 | 43,650 | Volumen entregado del día anterior (Mm3 std) | 1,042 | | | (MMPC std)* | 37 | | | Presión Diferencial Filtros | AB (mbar) | CD (mbar) | | | 1.00 | 31.79 | | ERM Edegel | 42.15 | 30.27 | 0.00 | Volumen entregado del día anterior (Mm3 std) | 0 | | | (MMPC std)* | 0 | | | Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | 0.58 | 0.47 | | ERM Edegel 2 | 42.19 | 24.67 | 0.00 | Volumen entregado del día anterior (Mm3 std) | 86 | | | (MMPC std)* | 3 | | | Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | 1.88 | 1.00 | | | | | | | | | |
| LOCACION | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Etevensa | 41.70 | 27.36 | 43,650 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 1,042 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) | CD (mbar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.00 | 31.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Edegel | 42.15 | 30.27 | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.58 | 0.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Edegel 2 | 42.19 | 24.67 | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.88 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. EVENTOS OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div></div> <div></div> <div></div> <div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div>Nota: Los datos suministrados son operativos</div><div><div>Elaboración - Cálidda</div><div>Firma:</div><div>Nombre: E. Beretta</div></div></div> <div><div>Revisión - Cálidda</div><div>Firma:</div><div>Nombre:</div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Fecha de Vigencia:07/12/2011

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Nota: Los datos suministrados son operativos.
(*) Calculado por OSINERGMIN