


| <div><div><div><div>Cálidda</div><div>GAS NATURAL DEL PERÚ</div></div></div><div>Reporte Diario de Operación</div><div><div>Gerencia Técnica</div><div>Área de Operaciones</div></div></div> | <div>Fecha: 11/05/2013</div> <div>Hora: 06:00</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-----------------------|----------------------|----------------|------------------------|------------------------|-----------------------|-------------------------|-----------------------------|-------|--------|-----------------------------|------------|--|---------------------|------------------------|-------|------|-------------|-------------------------|-------|------|-------|-------------------------------|-----------|-----------|--|----------------------|-------|------|-------|-------------------------|------|------------|--|------------------------------------|-------|------|--|------------------------------------|-------|------|--|------------------------|------|------|--|------------------|-----------------------------|-----------|----------|-------------------|-------|------|------|-----------------------|-------|------|--------------|------------------------|-------|-------|------|--|-------|------|--|------------------------|-------------|------|---|-------------------------|-------|-----------------------------|-----------|----------|--|--|--|------|------|--|--|
| 1. CITY GATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th colspan="2" 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 colspan="2">City Gate</td><td>94.20</td><td>48.86</td><td>249,999.27</td></tr><tr><td colspan="2">Volumen entregado del día anterior (Mm3 std)</td><td colspan="3">7,155</td></tr></table> | | LOCACION | | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | City Gate | | 94.20 | 48.86 | 249,999.27 | Volumen entregado del día anterior (Mm3 std) | | 7,155 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCACION | | | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City Gate | | 94.20 | 48.86 | 249,999.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | | 7,155 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>48.81</td><td>20.39</td></tr><tr><td>Cámara de Válvulas XV 10003</td><td>45.45</td><td>18.13</td></tr><tr><td>Cámara de Válvulas XV 10008</td><td>41.95</td><td>20.08</td></tr><tr><td>Trampa de Recepción</td><td>42.09</td><td>24.85</td></tr></table> | | LOCACION | PARAMETRO OPERATIVOS | | Presión (barg) | Temperatura °C | Trampa de Lanzamiento | 48.81 | 20.39 | Cámara de Válvulas XV 10003 | 45.45 | 18.13 | Cámara de Válvulas XV 10008 | 41.95 | 20.08 | Trampa de Recepción | 42.09 | 24.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCACION | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión (barg) | Temperatura °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trampa de Lanzamiento | 48.81 | 20.39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cámara de Válvulas XV 10003 | 45.45 | 18.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cámara de Válvulas XV 10008 | 41.95 | 20.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trampa de Recepción | 42.09 | 24.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>41.78</td><td>17.98</td><td>26,394</td></tr><tr><td>ERP Maquinarias (19/10)</td><td>17.98</td><td>9.17</td><td></td></tr><tr><td>ERP Maquinarias (19/5)</td><td>17.98</td><td>3.78</td><td></td></tr><tr><td>ERP El Agustino (50/10)</td><td>41.90</td><td>8.98</td><td>6,952</td></tr><tr><td>ERP Carretera Central (50/10)</td><td>42.21</td><td>8.88</td><td></td></tr><tr><td>ERP Gambetta (50/10)</td><td>42.04</td><td>9.22</td><td></td></tr><tr><td>ERP Gambetta (10/5) [1]</td><td>9.22</td><td>4.02</td><td></td></tr><tr><td>ERP Lurín (ERM San Lorenzo) (50/5)</td><td>48.77</td><td>2.96</td><td></td></tr><tr><td>ERP Funcal (ERM Corp. Cerámica 02)</td><td>42.05</td><td>4.05</td><td></td></tr><tr><td>ERP Omicrón (10/5) [2]</td><td>9.17</td><td>4.07</td><td></td></tr><tr><td>ERP Surco (50/5)</td><td>43.85</td><td>4.04</td><td></td></tr><tr><td>ERP Surco (50/10)</td><td>43.34</td><td>9.31</td><td></td></tr><tr><td>ERP R. Prialé (50/10)</td><td>41.98</td><td>8.77</td><td></td></tr><tr><td>ERP Pachacútec (50/10)</td><td>45.87</td><td>9.17</td><td></td></tr><tr><td>ERP Parques del Agustino (50/5)</td><td>41.35</td><td>4.02</td><td></td></tr><tr><td>ERP Mochica (10/5) [3]</td><td>8.98</td><td>3.94</td><td></td></tr><tr><td>ERP La Victoria (50/19)</td><td>42.87</td><td>18.01</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) | 41.78 | 17.98 | 26,394 | ERP Maquinarias (19/10) | 17.98 | 9.17 | | ERP Maquinarias (19/5) | 17.98 | 3.78 | | ERP El Agustino (50/10) | 41.90 | 8.98 | 6,952 | ERP Carretera Central (50/10) | 42.21 | 8.88 | | ERP Gambetta (50/10) | 42.04 | 9.22 | | ERP Gambetta (10/5) [1] | 9.22 | 4.02 | | ERP Lurín (ERM San Lorenzo) (50/5) | 48.77 | 2.96 | | ERP Funcal (ERM Corp. Cerámica 02) | 42.05 | 4.05 | | ERP Omicrón (10/5) [2] | 9.17 | 4.07 | | ERP Surco (50/5) | 43.85 | 4.04 | | ERP Surco (50/10) | 43.34 | 9.31 | | ERP R. Prialé (50/10) | 41.98 | 8.77 | | ERP Pachacútec (50/10) | 45.87 | 9.17 | | ERP Parques del Agustino (50/5) | 41.35 | 4.02 | | ERP Mochica (10/5) [3] | 8.98 | 3.94 | | ERP La Victoria (50/19) | 42.87 | 18.01 | | | | | | | | | |
| LOCACION | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión entrada (barg) | Presión salida (barg) | Caudal sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (50/19) | 41.78 | 17.98 | 26,394 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (19/10) | 17.98 | 9.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (19/5) | 17.98 | 3.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP El Agustino (50/10) | 41.90 | 8.98 | 6,952 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Carretera Central (50/10) | 42.21 | 8.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Gambetta (50/10) | 42.04 | 9.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Gambetta (10/5) [1] | 9.22 | 4.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Lurín (ERM San Lorenzo) (50/5) | 48.77 | 2.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Funcal (ERM Corp. Cerámica 02) | 42.05 | 4.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Omicrón (10/5) [2] | 9.17 | 4.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Surco (50/5) | 43.85 | 4.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Surco (50/10) | 43.34 | 9.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP R. Prialé (50/10) | 41.98 | 8.77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Pachacútec (50/10) | 45.87 | 9.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Parques del Agustino (50/5) | 41.35 | 4.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Mochica (10/5) [3] | 8.98 | 3.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP La Victoria (50/19) | 42.87 | 18.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. ESTACION DE REGULACION Y MEDICION: ETEVENSA Y EDEGEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th colspan="2" 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 colspan="2">ERM Etevensa</td><td>41.47</td><td>27.37</td><td>44,131</td></tr><tr><td colspan="2">Volumen entregado del día anterior (Mm3 std)</td><td colspan="3">1,042</td></tr><tr><td colspan="2">(MMPC std)*</td><td colspan="3">37</td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar)</td><td>CD (mbar)</td><td colspan="2"></td></tr><tr><td></td><td>1.00</td><td>32.27</td><td colspan="2"></td></tr><tr><td colspan="2">ERM Edegel</td><td>41.86</td><td>30.23</td><td>0.00</td></tr><tr><td colspan="2">Volumen entregado del día anterior (Mm3 std)</td><td colspan="3">0</td></tr><tr><td colspan="2">(MMPC std)*</td><td colspan="3">0</td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar)</td><td>B (mbar)</td><td colspan="2"></td></tr><tr><td></td><td>0.55</td><td>0.38</td><td colspan="2"></td></tr><tr><td colspan="2">ERM Edegel 2</td><td>41.92</td><td>24.60</td><td>0.00</td></tr><tr><td colspan="2">Volumen entregado del día anterior (Mm3 std)</td><td colspan="3">121</td></tr><tr><td colspan="2">(MMPC std)*</td><td colspan="3">4</td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar)</td><td>B (mbar)</td><td colspan="2"></td></tr><tr><td></td><td>2.00</td><td>0.03</td><td colspan="2"></td></tr></table> | | LOCACION | | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | ERM Etevensa | | 41.47 | 27.37 | 44,131 | Volumen entregado del día anterior (Mm3 std) | | 1,042 | | | (MMPC std)* | | 37 | | | Presión Diferencial Filtros | AB (mbar) | CD (mbar) | | | | 1.00 | 32.27 | | | ERM Edegel | | 41.86 | 30.23 | 0.00 | Volumen entregado del día anterior (Mm3 std) | | 0 | | | (MMPC std)* | | 0 | | | Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | | 0.55 | 0.38 | | | ERM Edegel 2 | | 41.92 | 24.60 | 0.00 | Volumen entregado del día anterior (Mm3 std) | | 121 | | | (MMPC std)* | | 4 | | | Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | | 2.00 | 0.03 | | |
| LOCACION | | | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Etevensa | | 41.47 | 27.37 | 44,131 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | | 1,042 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) | CD (mbar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.00 | 32.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Edegel | | 41.86 | 30.23 | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.55 | 0.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Edegel 2 | | 41.92 | 24.60 | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | | 121 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) | B (mbar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.00 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. EVENTOS OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div></div> <div></div> <div></div> <div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Nota: Los datos suministrados son operativos</div> | <div>Elaboración - Cálidda</div> <div>Firma:</div> <div>Nombre: E. Beretta</div> | <div>Revisión - Cálidda</div> <div>Firma:</div> <div>Nombre:</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Fecha de Vigencia:07/12/2011

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