


| <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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|-----------------------|----------------|------------------------|------------------------|-----------------------|-------------------------|-----------------------------|-------|--------|-----------------------------|------------|--|---------------------|------------------------|-------|------|-------------|-------------------------|-------|------|-------|-------------------------------|-------------------|---------------------|--|----------------------|------------|------|-------|-------------------------|------|--|---|------------------------------------|-------|------|-------------|------------------------------------|-------|------|--|-----------------------------|-------------------|------------------|--|------------------|--------------|------|-------|-------------------|-------|--|---|-----------------------|-------|------|-------------|------------------------|-------|------|--|---------------------------------|-------------------|------------------|--|------------------------|------|------|--|-------------------------|-------|-------|--|
| Fecha: 10/10/2012 Hora: 06:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>102.64</td><td>49.15</td><td>201,485.69</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>5,919</td><td colspan="3"></td></tr><tr><td>(MMPC std)*</td><td>209</td><td colspan="3"></td></tr></table> | LOCACION | | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | City Gate | | 102.64 | 49.15 | 201,485.69 | Volumen entregado del día anterior (Mm3 std) | 5,919 | | | | (MMPC std)* | 209 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCACION | | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City Gate | | 102.64 | 49.15 | 201,485.69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 5,919 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 209 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>49.13</td><td>16.11</td></tr><tr><td>Cámara de Válvulas XV 10003</td><td>46.61</td><td>15.86</td></tr><tr><td>Cámara de Válvulas XV 10008</td><td>43.89</td><td>17.46</td></tr><tr><td>Trampa de Recepción</td><td>43.64</td><td>20.72</td></tr></table> | LOCACION | PARAMETRO OPERATIVOS | | Presión (barg) | Temperatura °C | Trampa de Lanzamiento | 49.13 | 16.11 | Cámara de Válvulas XV 10003 | 46.61 | 15.86 | Cámara de Válvulas XV 10008 | 43.89 | 17.46 | Trampa de Recepción | 43.64 | 20.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCACION | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión (barg) | Temperatura °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trampa de Lanzamiento | 49.13 | 16.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cámara de Válvulas XV 10003 | 46.61 | 15.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cámara de Válvulas XV 10008 | 43.89 | 17.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trampa de Recepción | 43.64 | 20.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>43.55</td><td>18.33</td><td>14,655</td></tr><tr><td>ERP Maquinarias (19/10)</td><td>18.33</td><td>9.43</td><td></td></tr><tr><td>ERP Maquinarias (19/5)</td><td>18.33</td><td>4.02</td><td></td></tr><tr><td>ERP El Agustino (50/10)</td><td>43.68</td><td>9.13</td><td>9,571</td></tr><tr><td>ERP Carretera Central (50/10)</td><td>43.80</td><td>8.57</td><td></td></tr><tr><td>ERP Gambetta (50/10)</td><td>43.59</td><td>8.98</td><td></td></tr><tr><td>ERP Gambetta (10/5) [1]</td><td>8.98</td><td>4.01</td><td></td></tr><tr><td>ERP Lurín (ERM San Lorenzo) (50/5)</td><td>49.03</td><td>3.02</td><td></td></tr><tr><td>ERP Funcal (ERM Corp. Cerámica 02)</td><td>43.81</td><td>4.52</td><td></td></tr><tr><td>ERP Omicrón (10/5) [2]</td><td>9.43</td><td>4.03</td><td></td></tr><tr><td>ERP Surco (50/5)</td><td>45.50</td><td>4.03</td><td></td></tr><tr><td>ERP Surco (50/10)</td><td>45.07</td><td>9.44</td><td></td></tr><tr><td>ERP R. Prialé (50/10)</td><td>43.94</td><td>8.46</td><td></td></tr><tr><td>ERP Pachacútec (50/10)</td><td>46.95</td><td>9.02</td><td></td></tr><tr><td>ERP Parques del Agustino (50/5)</td><td>44.02</td><td>4.05</td><td></td></tr><tr><td>ERP Mochica (10/5) [3]</td><td>9.13</td><td>3.96</td><td></td></tr><tr><td>ERP La Victoria (50/19)</td><td>44.66</td><td>18.15</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) | 43.55 | 18.33 | 14,655 | ERP Maquinarias (19/10) | 18.33 | 9.43 | | ERP Maquinarias (19/5) | 18.33 | 4.02 | | ERP El Agustino (50/10) | 43.68 | 9.13 | 9,571 | ERP Carretera Central (50/10) | 43.80 | 8.57 | | ERP Gambetta (50/10) | 43.59 | 8.98 | | ERP Gambetta (10/5) [1] | 8.98 | 4.01 | | ERP Lurín (ERM San Lorenzo) (50/5) | 49.03 | 3.02 | | ERP Funcal (ERM Corp. Cerámica 02) | 43.81 | 4.52 | | ERP Omicrón (10/5) [2] | 9.43 | 4.03 | | ERP Surco (50/5) | 45.50 | 4.03 | | ERP Surco (50/10) | 45.07 | 9.44 | | ERP R. Prialé (50/10) | 43.94 | 8.46 | | ERP Pachacútec (50/10) | 46.95 | 9.02 | | ERP Parques del Agustino (50/5) | 44.02 | 4.05 | | ERP Mochica (10/5) [3] | 9.13 | 3.96 | | ERP La Victoria (50/19) | 44.66 | 18.15 | |
| LOCACION | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Presión entrada (barg) | Presión salida (barg) | Caudal sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (50/19) | 43.55 | 18.33 | 14,655 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (19/10) | 18.33 | 9.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Maquinarias (19/5) | 18.33 | 4.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP El Agustino (50/10) | 43.68 | 9.13 | 9,571 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Carretera Central (50/10) | 43.80 | 8.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Gambetta (50/10) | 43.59 | 8.98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Gambetta (10/5) [1] | 8.98 | 4.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Lurín (ERM San Lorenzo) (50/5) | 49.03 | 3.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Funcal (ERM Corp. Cerámica 02) | 43.81 | 4.52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Omicrón (10/5) [2] | 9.43 | 4.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Surco (50/5) | 45.50 | 4.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Surco (50/10) | 45.07 | 9.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP R. Prialé (50/10) | 43.94 | 8.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Pachacútec (50/10) | 46.95 | 9.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Parques del Agustino (50/5) | 44.02 | 4.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP Mochica (10/5) [3] | 9.13 | 3.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERP La Victoria (50/19) | 44.66 | 18.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>41.98</td><td>27.29</td><td>87,583</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>1,772</td><td colspan="3"></td></tr><tr><td>(MMPC std)*</td><td>63</td><td colspan="3"></td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar) 0.00</td><td>CD (mbar) 146.01</td><td colspan="2"></td></tr><tr><td colspan="2">ERM Edegel</td><td>43.75</td><td>30.15</td><td>0</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>0</td><td colspan="3"></td></tr><tr><td>(MMPC std)*</td><td>0</td><td colspan="3"></td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar) 0.76</td><td>B (mbar) 1.20</td><td colspan="2"></td></tr><tr><td colspan="2">ERM Edegel 2</td><td>43.93</td><td>24.15</td><td>0.00</td></tr><tr><td>Volumen entregado del día anterior (Mm3 std)</td><td>0</td><td colspan="3"></td></tr><tr><td>(MMPC std)*</td><td>0</td><td colspan="3"></td></tr><tr><td>Presión Diferencial Filtros</td><td>AB (mbar) 0.86</td><td>B (mbar) 0.00</td><td colspan="2"></td></tr></table> | LOCACION | | PARAMETRO OPERATIVOS | | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | ERM Etevensa | | 41.98 | 27.29 | 87,583 | Volumen entregado del día anterior (Mm3 std) | 1,772 | | | | (MMPC std)* | 63 | | | | Presión Diferencial Filtros | AB (mbar) 0.00 | CD (mbar) 146.01 | | | ERM Edegel | | 43.75 | 30.15 | 0 | Volumen entregado del día anterior (Mm3 std) | 0 | | | | (MMPC std)* | 0 | | | | Presión Diferencial Filtros | AB (mbar) 0.76 | B (mbar) 1.20 | | | ERM Edegel 2 | | 43.93 | 24.15 | 0.00 | Volumen entregado del día anterior (Mm3 std) | 0 | | | | (MMPC std)* | 0 | | | | Presión Diferencial Filtros | AB (mbar) 0.86 | B (mbar) 0.00 | | | | | | | | | |
| LOCACION | | | PARAMETRO OPERATIVOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Presión entrada (barg) | Presión salida (barg) | Caudal Sm3 / h | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Etevensa | | 41.98 | 27.29 | 87,583 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 1,772 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) 0.00 | CD (mbar) 146.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Edegel | | 43.75 | 30.15 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) 0.76 | B (mbar) 1.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ERM Edegel 2 | | 43.93 | 24.15 | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volumen entregado del día anterior (Mm3 std) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (MMPC std)* | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presión Diferencial Filtros | AB (mbar) 0.86 | B (mbar) 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: Carlos Huamán - Marlon Luján</div></div><div><div>Revisión - Cálidda</div><div>Firma:</div><div>Nombre:</div></div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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