

# EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **October 19, 1956**

|                                                |                             |                                          |                            |
|------------------------------------------------|-----------------------------|------------------------------------------|----------------------------|
| Operator<br><b>El Paso Natural Gas Company</b> |                             | Lease<br><b>Harvey State # 8</b>         |                            |
| Location<br><b>1650'S, 990'W, Sec. 32-25-6</b> |                             | County<br><b>Rio Arriba</b>              | State<br><b>New Mexico</b> |
| Formation<br><b>Pictured Cliffs</b>            |                             | Pool<br><b>Wildcat</b>                   |                            |
| Casing Diameter<br><b>5 1/2</b>                | Set At: Feet<br><b>2660</b> | Tubing Diameter<br><b>None</b>           | Set At: Feet               |
| Perforation From<br><b>2493</b>                | To<br><b>2568</b>           | Total Depth:<br><b>2660 - c/o - 2590</b> |                            |
| Sealing Method<br><b>Sand Water Frac</b>       |                             | Flow Through Casing<br><b>X</b>          | Flow Through Tubing        |

|                                             |                                     |                                          |                                              |
|---------------------------------------------|-------------------------------------|------------------------------------------|----------------------------------------------|
| Choke Size, Inches<br><b>0.75</b>           | Choke Constant, C<br><b>14.1605</b> |                                          |                                              |
| Shut-in Pressure, Casing<br><b>665</b> PSIG | 12 - PSIA<br><b>677</b>             | Days Shut-In<br><b>11</b>                | Shut-in Pressure, Tubing<br>PSIG - 12 - PSIA |
| Flowing Pressure, C<br><b>46</b> PSIG       | 12 - PSIA<br><b>58</b>              | Working Pressure, Pw<br>PSIG - 12 - PSIA |                                              |
| Temperature, T<br><b>59</b>                 | <b>.85</b>                          | Fpv (From Tables)<br><b>1.004</b>        | Gravity<br><b>.650 est.</b>                  |

CHOKE VOLUME  $Q = C \times P \times F \times F_g \times F_{pv}$

$$C = 14.1605 \times 58 \times 1.001 \times .9608 \times 1.004$$

**793**

MCF/D

OPEN FLOW Act

$$\left( \frac{458,329}{454,965} \right)^n$$

$$1.0073^{.85} \times 791 = 1.0062 \times 791$$

Act

**798**

MCF/D

**R. A. Ullrich**



*L. D. Galloway*  
**L. D. Galloway**

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