

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE **August 14, 1958**

|                                                |                            |                                    |                            |
|------------------------------------------------|----------------------------|------------------------------------|----------------------------|
| Operator<br><b>El Paso Natural Gas</b>         |                            | Lease<br><b>Canyon Largo No. 9</b> |                            |
| Location<br><b>990N, 790E; 4-24-7</b>          |                            | County<br><b>Rio Arriba</b>        | State<br><b>New Mexico</b> |
| Formation<br><b>Pictured Cliffs</b>            |                            | Pool<br><b>Undesignated</b>        |                            |
| Casing Diameter<br><b>5-1/2</b>                | Set At Feet<br><b>2630</b> | Tubing Diameter<br><b>2"</b>       | Set At Feet<br><b>2498</b> |
| Perforation Depth<br><b>2494</b>               | Is<br><b>2546</b>          | Total Depth<br><b>c/o TD 2586</b>  | Shut-in 7/28/58            |
| Flow Through Casing<br><b>Sand Water Frac.</b> |                            | Flow Through Tubing<br><b>X</b>    |                            |

|                                        |                                    |                                        |                                |
|----------------------------------------|------------------------------------|----------------------------------------|--------------------------------|
| Choke Size, inches<br><b>.75</b>       | Choke Constant, C<br><b>12.365</b> | Shut-In Pressure, Tubing<br><b>620</b> | PSIG - 12 - PSIA<br><b>632</b> |
| Shut-In Pressure, Casing<br><b>620</b> | Days Shut-In<br><b>17</b>          | Working Pressure, Pw<br><b>516</b>     | PSIG - 12 - PSIA<br><b>528</b> |
| Flowing Pressure, P<br><b>302</b>      | Flowing Pressure, Pw<br><b>314</b> | Flow From Tables<br><b>1.033</b>       | Gravity<br><b>.674</b>         |
| Temperature, T<br><b>67</b>            | Flowing Pressure, Pw<br><b>85</b>  |                                        |                                |

CHOKE VOLUME  $C \times F_1 \times F_2 \times F_3 \times F_4$

$$C \times 12.365 \times 314 \times .9933 \times .9463 \times 1.033$$

3770

MCF/D

$$Q = \left( \frac{C \times F_1 \times F_2 \times F_3 \times F_4}{P_1 - P_w} \right)^n$$

$$Q = \left( \frac{399424}{120640} \right)^n$$

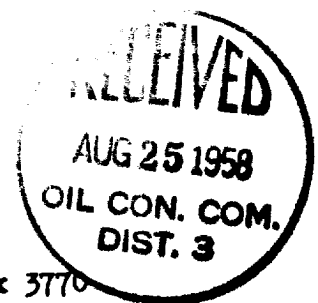
$$(3.3108)^{.85} \times 3770 = 2.7420 \times 3770$$

10,337 MCF/D

Jesse B. Goodwin

Checked By R. R. Davis

*L. D. Galloway*  
L. D. Galloway by *H. L. K.*



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