

# OPEN FLOW TEST DATA

DATE **March 13, 1959**

|                                           |                            |                              |                            |
|-------------------------------------------|----------------------------|------------------------------|----------------------------|
| Company<br><b>El Paso Natural Gas Co.</b> |                            | Lloyd No. <b>1-D (OWWO)</b>  |                            |
| Location<br><b>1190S, 1650E; 21-30-11</b> |                            | County<br><b>San Juan</b>    | State<br><b>New Mexico</b> |
| Formation<br><b>Pictured Cliffs</b>       |                            | Rock<br><b>Aztec</b>         |                            |
| Perforations<br><b>5-1/2</b>              | Set At Feet<br><b>2152</b> | Tool Joint<br><b>1-1/4</b>   | Set At Feet<br><b>2208</b> |
| Flow Rate<br><b>2153</b>                  | Time<br><b>2206</b>        | Flow Rate<br><b>c/o 2195</b> | <b>Shut in 3/6/59</b>      |
| Sand Water Frac.                          |                            | Flow Through Tubing          |                            |
|                                           |                            | <b>X</b>                     |                            |

|                                |                                   |                                |                               |
|--------------------------------|-----------------------------------|--------------------------------|-------------------------------|
| Shut-In Pressure<br><b>584</b> | Shut-In Pressure<br><b>12.365</b> | Shut-In Pressure<br><b>596</b> | Shut-In Pressure<br><b>7</b>  |
| Working Pressure<br><b>22</b>  | Working Pressure<br><b>34</b>     | Working Pressure<br><b>30</b>  | Working Pressure<br><b>42</b> |
| Pressure<br><b>62</b>          | Pressure<br><b>.85</b>            | Pressure<br><b>1.003</b>       | Pressure<br><b>.640</b>       |

CHOKED FLOW  $Q = 12.365 \times 34 \times .9981 \times .9682 \times 1.003$  **408** ACF/D

OPEN FLOW  $Q = \left( \frac{355,216}{353,452} \right)^n$

$$1.0049^{.85} \times 408 = 1.0042 \times 408$$

Actual **410** ACF/D

Robert R. Davis



*Lewis D. Galloway*  
L. D. Galloway

| OIL CONSERVATION COMMISSION |  |  |
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