

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE October 5, 1956

|                                                 |                            |                                          |                                 |
|-------------------------------------------------|----------------------------|------------------------------------------|---------------------------------|
| Operator<br><b>El Paso Natural Gas Company</b>  |                            | Lease<br><b>San Juan 32-9 Unit # 38</b>  |                                 |
| Location<br><b>818'N, 1757'E, Sec. 35-32-10</b> |                            | County<br><b>San Juan</b>                | State<br><b>New Mexico</b>      |
| Formation<br><b>Mesa Verde</b>                  |                            | Pool<br><b>Blanco</b>                    |                                 |
| Casing Diameter<br><b>5 1/2</b>                 | Set At Feet<br><b>5483</b> | Tubing Diameter<br><b>2</b>              | Set At Feet<br><b>5421</b>      |
| Pay Zone From<br><b>4880</b>                    | To<br><b>5420</b>          | Total Depth<br><b>5486 - c/o - 5440'</b> |                                 |
| Stimulation Method<br><b>Sand Water Frac</b>    |                            | Flow Through Casing                      | Flow Through Tubing<br><b>X</b> |

|                                         |                                     |                                   |                                         |
|-----------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------------|
| Choke Size, Inches<br><b>.750</b>       | Choke Constant: C<br><b>14.1605</b> |                                   |                                         |
| Shut-In Pressure, Tubing<br><b>1050</b> | PSIG<br><b>1062</b>                 | Days Shut-In<br><b>13</b>         | Shut-In Pressure, Tubing<br><b>1052</b> |
| Flowing Pressure<br><b>388</b>          | PSIG<br><b>400</b>                  |                                   | PSIG<br><b>932</b>                      |
| Temperature, T<br><b>90</b>             | <b>.75</b>                          | Fpw (From Tables)<br><b>1.034</b> | Gravity<br><b>.674</b>                  |

CHOKE VOLUME  $Q = C \times P_1 \times P_2 \times F_g \times F_v$

$$14.1605 \times 400 \times .9723 \times .9463 \times 1.034$$

5389

MCF D

OPEN FLOW  $Q_{OF} = Q \left( \frac{P_1 - P_w}{P_1 - P_w} \right)^n$

$$\left( \frac{1,132,096}{240,960} \right)^n$$

$$(4.698)^{.75} \times 5389 = 3.188 \times 5389$$

Acft **17,180**

MCF D

K. C. McBride



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

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copic

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### Transfer

File