

# EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE November 1, 1956

|                                                |                            |                                     |                                |
|------------------------------------------------|----------------------------|-------------------------------------|--------------------------------|
| Operator<br><b>El Paso Natural Gas Company</b> |                            | Well Name<br><b>Bolack #8-C</b>     |                                |
| Location<br><b>Sec. 33-27-8, 1717S, 1172E</b>  |                            | County<br><b>San Juan</b>           | State<br><b>New Mexico</b>     |
| Formation<br><b>Pictured Cliffs</b>            |                            | Pay<br><b>South Blanco</b>          |                                |
| Casing Diameter<br><b>5½</b>                   | Set At Feet<br><b>3035</b> | Casing Diameter<br><b>No Tubing</b> | Set At Feet<br><b></b>         |
| Pay Thickness<br><b>2950</b>                   | Test<br><b>2962</b>        | Flow Test<br><b>3035;</b>           | c/o <b>2980</b>                |
| Stimulation Method<br><b>Sand water frac.</b>  |                            | Flow Test<br><b>X</b>               | Flow Through Tubing<br><b></b> |

|                                      |                                      |                                       |                                       |                                             |                                             |
|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------------|---------------------------------------------|
| Choke size, inches<br><b>.750</b>    | Choke Constant, C<br><b>14.1605</b>  | Wellbore Pressure, PSIA<br><b>629</b> | Wellbore Pressure, PSIG<br><b>641</b> | Wellbore Pressure, PSIA<br><b>No Tubing</b> | Wellbore Pressure, PSIG<br><b>No Tubing</b> |
| Flowing Pressure, PSIA<br><b>629</b> | Flowing Pressure, PSIG<br><b>641</b> | Flowing Pressure, PSIA<br><b>629</b>  | Flowing Pressure, PSIG<br><b>641</b>  | Flowing Pressure, PSIA<br><b>No Tubing</b>  | Flowing Pressure, PSIG<br><b>No Tubing</b>  |
| Temperature, °F<br><b>48</b>         | Temperature, °F<br><b>.850</b>       | Temperature, °F<br><b>48</b>          | Temperature, °F<br><b>.850</b>        | Temperature, °F<br><b>48</b>                | Temperature, °F<br><b>.850</b>              |
| Gravity<br><b>.710</b>               |                                      | Gravity<br><b>.710</b>                |                                       | Gravity<br><b>.710</b>                      |                                             |

2" water using pitot tube and monometer

CHOKE VOLUME =  $Q \times P_1 \times P_2 \times P_3 \times P_4$

$166.8 \times 1.0117 \times .9193$

155.1 MCF/D

$$OPEN FLOW = A \left( \frac{P_c^2 - P_w^2}{P_c - P_w} \right)^n$$

$$A = \left( \frac{P_c^2 - P_w^2}{P_c - P_w} \right)^n$$

A = MCF/D

K. C. Mc Bride

W. D. Galloway



L. D. Galloway

## OIL CONSERVATION COMMISSION

## AZTEC DISTRICT OFFICE

No. Copies Received 2

## DISTRIBUTION

|                   | NO.<br>FURNISHED |   |
|-------------------|------------------|---|
| Operator          |                  |   |
| Santa Fe          | 1                |   |
| Proration Office  |                  |   |
| State Land Office |                  |   |
| U. S. G. S.       | 1                |   |
| Transporter       |                  |   |
| File              | 1                | ✓ |
|                   |                  |   |