

# EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE June 26, 1962

|                                                           |                                                            |
|-----------------------------------------------------------|------------------------------------------------------------|
| Operator<br><b>El Paso Natural Gas Company</b>            | Lease<br><b>Hancock "B" No. 6</b>                          |
| Location<br><b>1500'S, 990'W, Sec. 22-28-9</b>            | County<br><b>San Juan</b> State<br><b>New Mexico</b>       |
| Formation<br><b>Dakota</b>                                | Pool<br><b>Basin</b>                                       |
| Casing Diameter<br><b>4.5"</b> Set At Feet<br><b>7798</b> | Tubing Diameter<br><b>2.375</b> Set At Feet<br><b>7761</b> |
| Casing Depth<br><b>7579</b>                               | Total Depth<br><b>7800</b>                                 |
| Flow Through Casing<br><b>Sand/Water Frac.</b>            | Flow Through Tubing<br><b>X</b>                            |

|                |                |              |                               |                        |
|----------------|----------------|--------------|-------------------------------|------------------------|
| Pressure, PSIG | Pressure, PSIA | Days Shut-in | Shut-in Pressure, Tubing PSIG | Shut-in Pressure, PSIA |
| .750           | 12.365         |              |                               |                        |
| 1909           | 1921           | 8            | 1347                          | 1359                   |
| 189            | 192            |              | Working Pressure, PSIG        | Working Pressure, PSIA |
|                |                |              | 499                           | 511                    |
| 73             | .9877          | .75          | Flow From Tables              | Flow From Tables       |
|                |                |              | 1.021                         | .700                   |
|                |                |              |                               | Eq. .9258              |

$$(12.365)(192)(.9877)(.9258)(1.021)$$

2216

MCF/D



$$\left( \frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

$$\left( \frac{3,690,241}{3,429,120} \right)^n$$

$$(1.0761)^{.75}(2216) = (1.0566)(2216)$$

2341

MCF/D

NOTE: Liquid to surface in 4 minutes, unloaded dist & water for 3 min. then heavy fog for remainder of test.

Tom Grant

Checked by: W. D. Dawson

*Lewis D. Galloway*  
Lewis D. Galloway