

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE July 30, 1979

|   |                      |                                       |                      |
|---|----------------------|---------------------------------------|----------------------|
| Operator<br>El Paso Natural Gas Company |                      | Lease<br>San Juan 28-7 Unit #55A (MV) |                      |
| Location<br>Se 12-28-07                 |                      | County<br>Rio Arriba                  | State<br>New MEXICO  |
| Formation<br>Mesa Verde                 |                      | Pool<br>Blanco                        |                      |
| Casing: Diameter<br>4.500               | Set At: Feet<br>6253 | Tubing: Diameter<br>2 3/8             | Set At: Feet<br>6218 |
| Pay Zone: From<br>5215                  | To<br>6229           | Total Depth:<br>6253                  | Shut In<br>7-23-79   |
| Stimulation Method<br>Sand Water Frac   |                      | Flow Through Casing                   | Flow Through Tubing  |

|   |                    |                   |  |                             |  |
|---|--------------------|-------------------|--|-----------------------------|--|
| Choke Size, Inches                      |                    | Choke Constant: C |  |                             |  |
| Shut-In Pressure, Casing,<br>820 PSIG   | + 12 = PSIA<br>832 | Days Shut-In<br>7 | Shut-In Pressure, Tubing<br>520 PSIG     | + 12 = PSIA<br>532          |  |
| Flowing Pressure: P<br>PSIG             | + 12 = PSIA        |                   | Working Pressure: P <sub>w</sub><br>PSIG | + 12 = PSIA                 |  |
| Temperature:<br>T = °F F <sub>t</sub> = | n =                |                   | F <sub>pv</sub> (From Tables)            | Gravity<br>F <sub>g</sub> = |  |

$$\text{CHOKE VOLUME} = Q = C \times P_f \times F_t \times F_g \times F_{pv}$$

Q =

= \_\_\_\_\_ MCF/D

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

$$Aof = Q \left( \frac{\quad}{\quad} \right)^n =$$

Aof = \_\_\_\_\_ MCF/D

TESTED BY J. Easley

WITNESSED BY \_\_\_\_\_

*C. R. Wagner*  
Well Test Engineer

