

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE June 15, 1978

|  |                              |   |                              |
|--|------------------------------|---|------------------------------|
| Operator<br><b>El Paso Natural Gas Company</b> |                              | Lease<br><b>San Juan 28-6 Unit #211</b> |                              |
| Location<br><b>SE 8-28-06</b>                  |                              | County<br><b>Rio Arriba</b>             | State<br><b>New Mexico</b>   |
| Formation<br><b>Dakota</b>                     |                              | Pool<br><b>Basin</b>                    |                              |
| Casing: Diameter<br><b>4.500</b>               | Set At: Feet<br><b>8176'</b> | Tubing: Diameter<br><b>1 1/2</b>        | Set At: Feet<br><b>8103'</b> |
| Pay Zone: From<br><b>7946'</b>                 | To<br><b>8125'</b>           | Total Depth:<br><b>8176'</b>            | Shut In<br><b>6-8-78</b>     |
| Stimulation Method<br><b>Sandwater Frac</b>    |                              | Flow Through Casing                     | Flow Through Tubing          |

|   |                            |                          |  |                             |  |
|---|----------------------------|--------------------------|--|-----------------------------|--|
| Choke Size, Inches                            |                            | Choke Constant: C        |  |                             |  |
| Shut-In Pressure, Casing, PSIG<br><b>2600</b> | + 12 = PSIA<br><b>2612</b> | Days Shut-In<br><b>7</b> | Shut-In Pressure, Tubing PSIG<br><b>2565</b> | + 12 = PSIA<br><b>2577</b>  |  |
| Flowing Pressure: P PSIG                      | + 12 = PSIA                |                          | Working Pressure: P <sub>w</sub> 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

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

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

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

TESTED BY J. Easley

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

*[Signature]*  
Well Test Engineer