

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE June 7, 1976

|   |                       |                                |                       |
|---|-----------------------|--------------------------------|-----------------------|
| Operator<br>El Paso Natural Gas Company |                       | Lease<br>Parsons Com #1 (OWNO) |                       |
| Location<br>NE 2-31N-11W                |                       | County<br>San Juan             | State<br>New Mexico   |
| Formation<br>Mesa Verde                 |                       | Pool<br>Blanco                 |                       |
| Casing: Diameter<br>4.500               | Set At: Feet<br>5696' | Tubing: Diameter<br>2 3/8"     | Set At: Feet<br>5652' |
| Pay Zone: From<br>4786                  | To<br>5650            | Total Depth: PBD<br>5696 5679  | Shut In<br>5-30-76    |
| Stimulation Method<br>Sandwater Frac    |                       | Flow Through Casing            | Flow Through Tubing   |

|                                  |      |                    |                   |                                  |                             |
|----------------------------------|------|--------------------|-------------------|----------------------------------|-----------------------------|
| Choke Size, Inches               |      | Choke Constant: C  |                   |                                  |                             |
| Shut-In Pressure, Casing,<br>706 | PSIG | + 12 = PSIA<br>718 | Days Shut-In<br>8 | Shut-In Pressure, Tubing<br>471  | PSIG                        |
| Flowing Pressure: P              | PSIG | + 12 = PSIA        |                   | Working Pressure: P <sub>w</sub> | PSIG                        |
| Temperature:<br>T = °F Ft =      |      | 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

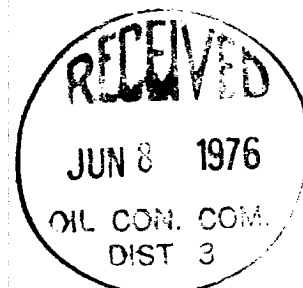
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY Hardy

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

After frac gauge (For sizing equipment only)=  
3500 MCF/D.

*C. R. Wagner*  
Well Test Engineer