

OPEN FLOW TEST DATA

DATE November 21, 1977

|  |                              |                                   |                              |
|--|------------------------------|-----------------------------------|------------------------------|
| Operator<br><u>El Paso Natural Gas Company</u> |                              | Lease<br><u>Turner B Com #1-A</u> |                              |
| Location<br><u>NW 2-30-09</u>                  |                              | County<br><u>San Juan</u>         | State<br><u>New Mexico</u>   |
| Formation<br><u>Mesa Verde</u>                 |                              | Pool<br><u>Blanco</u>             |                              |
| Casing: Diameter<br><u>4 1/2</u>               | Set At: Feet<br><u>5295'</u> | Tubing: Diameter<br><u>2 3/8</u>  | Set At: Feet<br><u>5342'</u> |
| Pay Zone: From<br><u>4354</u>                  | To<br><u>5408</u>            | Total Depth:<br><u>5408</u>       | Shut in<br><u>11-11-77</u>   |
| Stimulation Method<br><u>Sandwater Frac</u>    |                              | Flow Through Casing               | Flow Through Tubing          |

|  |                           |                           |   |                           |      |
|--|---------------------------|---------------------------|---|---------------------------|------|
| Choke Size, Inches                           |                           | Choke Constant: C         |   |                           |      |
| Shut-In Pressure, Casing, PSIG<br><u>517</u> | + 12 = PSIA<br><u>529</u> | Days Shut-In<br><u>10</u> | Shut-In Pressure, Tubing PSIG<br><u>517</u> | + 12 = PSIA<br><u>529</u> |      |
| Flowing Pressure: P PSIG                     | + 12 = PSIA               |                           | Working Pressure: P <sub>w</sub> PSIG       | + 12 = PSIA               |      |
| Temperature:<br>T = °F Ft =                  | n =                       |                           | Fpv (From Tables)                           | Gravity                   | Fg = |

CHOKE VOLUME = Q = C x P<sub>t</sub> x F<sub>t</sub> x F<sub>g</sub> x F<sub>pv</sub>

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

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 T. Grant

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

C. R. Wagner  
Well Test Engineer