

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 11, 1978

| | | | |
|---|-----------------------|------------------------------|---------------------|
| Operator El Paso Natural Gas Company | | Lease S.J. 28-7 Unit #248 | |
| Location NE 18-28-07 | | County Rio Arriba | State New Mexico |
| Formation Dakota | | Pool Basin | |
| Casing: Diameter 4.500 | Set At: Feet 7954' | Tubing: Diameter 1 1/2 | Set At: Feet |
| Pay Zone: From 7696' | To 7895' | Total Depth: 7954' | Shut In 12-3-78 |
| Stimulation Method Sandwater Frac | | Flow Through Casing | Flow Through Tubing |

| | | | | | |
|---|---------------------|-------------------|---------------------------------------|---------------------|------------------|
| Choke Size, Inches | | Choke Constant: C | | | |
| Shut-In Pressure, Casing, PSIG 2380 | + 12 = PSIA 2392 | Days Shut-In 8 | Shut-In Pressure, Tubing PSIG 2005 | + 12 = PSIA 2017 | |
| Flowing Pressure: P PSIG | + 12 = PSIA | | Working Pressure: P _w PSIG | + 12 = PSIA | |
| Temperature: T = °F F _t = | n = | | F _{pv} (From Tables) | Gravity | F _g = |

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

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 _____



C.R. Wagner
Well Test Engineer