

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 20, 1976

| | | | |
|--|-----------------------|--------------------------------|---------------------|
| Operator El Paso Natural Gas Company | | Lease Jicarilla C #13 | |
| Location 1750'/N, 1100'/W, Sec. 16, T25N, R4W | | County Rio Arriba | State New Mexico |
| Formation Pictured Cliff | | Pool South Blanco | |
| Casing: Diameter 2.875 | Set At: Feet 3796' | Tubing: Diameter No Tubing | Set At: Feet -- |
| Pay Zone: From 3684 | To 3729 | Total Depth: PBD 3796 3784' | Shut In 1-13-76 |
| Stimulation Method Sandwater Frac | | Flow Through Casing XX | Flow Through Tubing |

| | | | | | |
|----------------------------------|------|--------------------|-------------------|----------------------------------|-----------------------------|
| Choke Size, Inches | | Choke Constant: C | | Tubingless Completion | |
| Shut-In Pressure, Casing, 908 | PSIG | + 12 = PSIA 920 | Days Shut-In 7 | Shut-In Pressure, Tubing | PSIG + 12 = PSIA |
| Flowing Pressure: P | PSIG | + 12 = PSIA | | Working Pressure: P _w | PSIG + 12 = PSIA |
| Temperature: T = °F Ft = | | n = | | F _{pv} (From Tables) | Gravity F _g = |

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

Q =

= _____ MCF/D

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

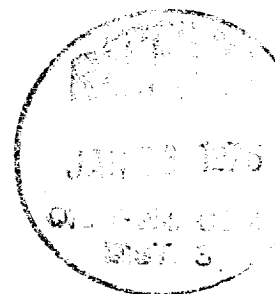
$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

No after frac gauge taken

Aof = _____ MCF/D

TESTED BY Carl Rhames

WITNESSED BY _____



C. R. Wagner
Well Test Engineer