

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 23, 1980

| | | | |
|---|--------------------------|-------------------------------|--------------------------|
| Operator <u>El Paso Natural Gas Company</u> | | Lease <u>Atlantic B. #22</u> | |
| Location <u>NW 3-30-10</u> | | County <u>San Juan</u> | State <u>New Mexico</u> |
| Formation <u>Pictured Cliff</u> | | Pool <u>Blanco</u> | |
| Casing: Diameter <u>4.500</u> | Set At: Feet <u>3145</u> | Tubing: Diameter <u>1 1/4</u> | Set At: Feet <u>2996</u> |
| Pay Zone: From <u>2972</u> | To <u>3024</u> | Total Depth: <u>3145</u> | Shut In <u>1-16-80</u> |
| Stimulation Method <u>Sand Water Frac</u> | | Flow Through Casing | Flow Through Tubing |

| | | | | | |
|--------------------------------|-------------|-------------------|---------------------------------------|--------------------------|--|
| Choke Size, Inches | | Choke Constant: C | | | |
| Shut-In Pressure, Casing, PSIG | + 12 = PSIA | Days Shut-In | Shut-In Pressure, Tubing PSIG | + 12 = PSIA | |
| <u>906</u> | <u>918</u> | <u>7</u> | <u>906</u> | <u>918</u> | |
| 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 = | |

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

Q =

= _____ MCF/D

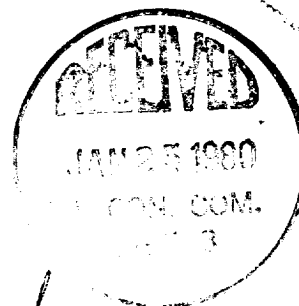
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____



C.R. Wagner
Well Test Engineer