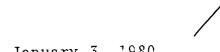
EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA



DATE January 3, 1980

| El Paso Natural Gas Company | | San Juan 32-9 Unit #23 A | | |
|------------------------------------|-------------------|--------------------------|---------------------|--|
| NW 5-31-9 | | County San Juan | State New Mexico | |
| Formation Mesa Verde | | Pool Blanco | | |
| Casing: Diameter 4.500 | Set At: Feet 6394 | Tubing: Diameter 2 3/8 | Set At: Feet 6275 | |
| Pay Zone: From 5232 | т. 6266 | Total Depth: 6394 | 12-23-79 | |
| Stimulation Method Sand Water Frac | | Flow Through Casing | Flow Through Tubing | |

| Choke Size, Inches | Choke Constant: C | | | | | |
|-------------------------------|------------------------|--------------|--------------------------|-------------|-------------|-----|
| Shut-In Pressure, Casing, PSI | G + 12 = PSIA 7 2 5 | Days Shut-In | Shut-In Pressure, Tubing | PSIG 256 | + 12 = PSIA | 268 |
| Flowing Pressure: P PSI | G + 12 = PSIA | | Working Pressure: Pw | PSIG | + 12 = PSIA | |
| Temperature: | n = | | Fpv (From Tables) | | Gravity | |
| T= °F Ft= | | | | | Fg= | |

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & & & \\ & P_c & \\ & P_c & P_w \end{pmatrix}$$

Aof =
$$Q$$
 $\left(- - - \right)^n =$

TESTED BY J. Thurstonson

WITNESSED BY_____

