

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 4, 1978

| | | | |
|--|------------------------------|----------------------------------|------------------------------|
| Operator El Paso Natural Gas Company | | Lease Atlantic C #2-A | |
| Location SE 35-31-10 | | County San Juan | State New Mexico |
| Formation Mesa Verde | | Pool Blanco | |
| Casing: Diameter 4.500 | Set At: Feet 5969' | Tubing: Diameter 2 3/8 | Set At: Feet 5866' |
| Pay Zone: From 4713 | To 5853 | Total Depth: 5969' | Shut In 4-27-78 |
| Stimulation Method Sandwater Frac | | Flow Through Casing | Flow Through Tubing |

| | | | | | |
|--|---------------------------|--------------------------|---|-----------------------------|--|
| Choke Size, Inches | | Choke Constant: C | | | |
| Shut-In Pressure, Casing, PSIG 726 | + 12 = PSIA 738 | Days Shut-In 7 | Shut-In Pressure, Tubing PSIG 711 | + 12 = PSIA 723 | |
| Flowing Pressure: P PSIG | + 12 = PSIA | | Working Pressure: P _w PSIG | + 12 = PSIA | |
| Temperature: T = °F | n = | | F _{pv} (From Tables) | Gravity F _g = | |

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____

C.R. Wagner
Well Test Engineer