

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE December 3, 1975

Operator El Paso Natural Gas Company		Lease Riddle A #2-A	
Location 1170/S, 1460/E, Sec. 1, T29N, R9W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5668'	Tubing: Diameter 2.375	Set At: Feet 5604'
Pay Zone: From 4678	To 5617	Total Depth: PBT 5668' 5650'	Shut In 11-1-75
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 779	PSIG	+ 12 = PSIA 791	Days Shut-In 32	Shut-In Pressure, Tubing 752	PSIG
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub>	PSIG
Temperature: T = °F Ft =		n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =

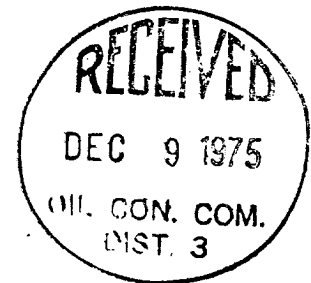
$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_t \times F_g \times F_{pv}$$

$$Q = \text{Pitot tube gauge after frac 11-1-75} = \underline{\hspace{2cm}} 3333 \text{ MCF/D}$$

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

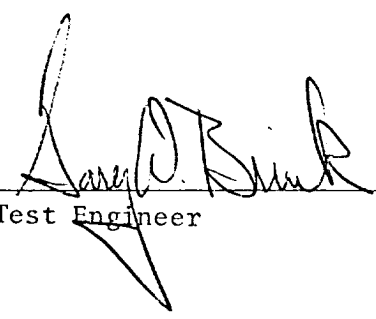
$$Aof = \left( \frac{\hspace{2cm}}{\hspace{2cm}} \right)^n =$$

$$Aof = \underline{\hspace{2cm}} \text{ MCF/D}$$



TESTED BY \_\_\_\_\_

WITNESSED BY \_\_\_\_\_

  
 Well Test Engineer