

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE Sept. 24, 1979

Operator El Paso Natural Gas Company		Lease Case #2A	
Location NW 8-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5457	Tubing: Diameter 2 3/8	Set At: Feet 5386
Pay Zone: From 4860	To 5404	Total Depth: 5457	Shut In 9-15-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 777	PSIG	+ 12 = PSIA 789	Days Shut-In 9	Shut-In Pressure, Tubing 362	PSIG
				+ 12 = PSIA 374	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub>	PSIG
				+ 12 = PSIA	
Temperature: T = °F F <sub>t</sub> =		n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =

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

Q =

= \_\_\_\_\_ MCF/D

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

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

Aof = \_\_\_\_\_ MCF/D

TESTED BY C. Rhames

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



*C.R. Hagner*  
Well Test Engineer