

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE January 2, 1980

Operator El Paso Natural Gas Company		Lease Burroughs Com A #2A	
Location SE 16-32-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5825	Tubing: Diameter 2 3/8	Set At: Feet 5667
Pay Zone: From 4636	To 5672	Total Depth: 5825	Shut In 12-17-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 618 PSIG	+ 12 = PSIA 630	Days Shut-In 9	Shut-In Pressure, Tubing 321 PSIG	+ 12 = PSIA 333	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F	n =	F <sub>p</sub> v (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. Rhames*  
Well Test Engineer

