

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE January 21, 1980

Operator El Paso Natural Gas Company		Lease Atlantic C #17	
Location NE 35-31-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 3370	Tubing: Diameter 1 1/4	Set At: Feet 3298
Pay Zone: From 3166	To 3306	Total Depth: 3370	Shut In 1-14-80
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 458	+ 12 = PSIA 470	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 458	+ 12 = PSIA 470	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	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 J. Thurstonson

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



*C. R. Wagner*  
Well Test Engineer