

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE Dec. 11, 1979

Operator El Paso Natural Gas Company		Lease Duff #7	
Location SE 8-29-11		County San Juan	State New Mexico
Formation Chacra		Pool Bloomfield Ext.	
Casing: Diameter 2 7/8	Set At: Feet 3043	Tubing: Diameter Tubingless Completion	Set At: Feet
Pay Zone: From 2912	To 3004	Total Depth: 3043	Shut In 12-4-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1016	+ 12 = PSIA 1028	Days Shut-In 7	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA	
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 C. Rhames

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

C. R. Wagner  
Well Test Engineer

