

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE December 19, 1978

Operator El Paso Natural Gas Company		Lease Horton #1-A	
Location NW 29-32-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5961'	Tubing: Diameter 2.375	Set At: Feet 5856'
Pay Zone: From 4771	To 5897	Total Depth: 5961'	Shut In 12-12-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 768	+ 12 = PSIA 780	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 684	+ 12 = PSIA 696	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

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

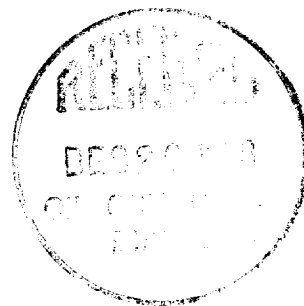
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY Carl Rhames

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



*H. E. McAnally*  
Well Test Engineer