

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 28, 1976

Operator El Paso Natural Gas Company		Lease Atlantic Com B #8-A	
Location 1825'/N, 1100'/W, Sec. 23, T31N, R10W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5771'	Tubing: Diameter 2.375	Set At: Feet 5627'
Pay Zone: From 4609	To 5637	Total Depth: PBD 5771' 5753'	Shut In 12-21-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 632	+ 12 = PSIA 644	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 644	+ 12 = PSIA 656	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

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 _____

Carl Rhames
Well Test Engineer