

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE April 16, 1979

Operator El Paso Natural Gas Company		Lease Sheets #1-A	
Location SE 28-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5662'	Tubing: Diameter 2 3/8	Set At: Feet 5574'
Pay Zone: From 4478	To 5586'	Total Depth: 5662'	Shut In 4-9-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 438	+ 12 = PSIA 450	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 190	+ 12 = PSIA 202	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w 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 _____

WITNESSED BY _____

C. R. Hagan
Well Test Engineer

