

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 1, 1976

Operator El Paso Natural Gas Company		Lease Lindrith Unit #86	
Location NW Sec. 21, T24N, R2W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2 7/8"	Set At: Feet 3220'	Tubing: Diameter Tubingless Completion	Set At: Feet --
Pay Zone: From 3103	To 3181	Total Depth: PBD 3220 3210	Shut In 11-24-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
815	827	7			
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

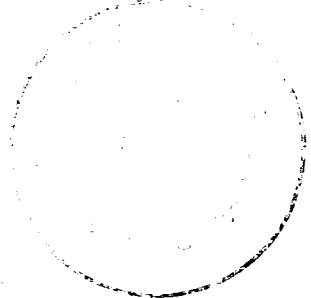
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY Goodwin

WITNESSED BY _____



J. E. McAnally
Well Test Engineer