

OPEN FLOW TEST DATA

DATE December 1, 1976

Operator El Paso Natural Gas Company		Lease Lindrith Unit #89	
Location SE 21, T24N, R7W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2 7/8"	Set At: Feet 3222'	Tubing: Diameter Tubingless completion	Set At: Feet --
Pay Zone: From 3071	To 3156	Total Depth: PBD 3222 3211	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 788	+ 12 = PSIA 800	Days Shut-In 7	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	F _{pv} (From Tables)	Gravity F _g =		

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

Q =

= _____ MCF/D

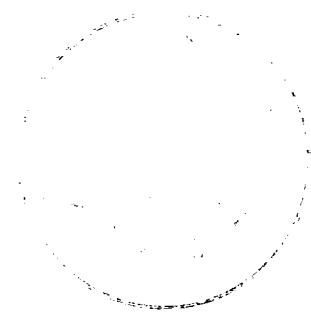
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/

TESTED BY Goodwin

WITNESSED BY _____



H. E. 1277-1278