

OPEN FLOW TEST DATA

DATE May 8, 1974

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #225	
Location 800/S, 1180/W, Sec. 3, T25N, R6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2.875	Set At: Feet 2982'	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 2882'	To 2918'	Total Depth: PETT 2982' 2972'	Shut In 4-17-74
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 821	- 12 = PSIA 852	Days Shut-In 21	Shut-In Pressure, Tubing PSIG No Tubing	- 12 = PSIA --	
Flowing Pressure: P PSIG 73	- 12 = PSIA 85		Working Pressure: Pw PSIG Calculated	- 12 = PSIA 106	
Temperature: T = 62 °F	n = Ft = .9981		Fpv (From Tables) 1.011	Gravity .700	Fg = .9258

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

$$Q = 12.365(85)(.9981)(.9258)(1.0110) = \underline{\quad 982 \quad} \text{ MCF/D}$$

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

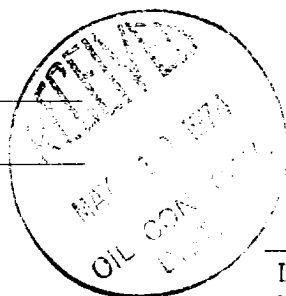
$$Aof = Q \left(\frac{692224}{680988} \right)^n = 982 (1.0165)^{.85} = 982(1.0140)$$

$$Aof = \underline{\quad 996 \quad} \text{ MCF/D}$$

Note: The well produced a dry gas.

TESTED BY Goodwin

WITNESSED BY _____



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Well Test Engineer