

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 8, 1974

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #226	
Location 1750/S, 1550/E, Sec. 10, T25N, R6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2.875	Set At: Feet 2876	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 2766	To 2798	Total Depth: PBD 2876 2866	Shut In 4-15-74
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, 750	PSIG	+ 12 = PSIA 767	Days Shut-In 23	Shut-In Pressure, Tubing No Tubing	PSIG + 12 = PSIA --
Flowing Pressure: P 240	PSIG	+ 12 = PSIA 252		Working Pressure: P _w Calculated	PSIG + 12 = PSIA 314
Temperature: T = 64 °F		n = .85		F _{pv} (From Tables) 1.030	Gravity .700 F _g = .9258

$$\text{CHOKE VOLUME} = Q = C \times P_r \times F_r \times F_g \times F_{pv}$$

$$Q = 12.365(252)(.9962)(.9258)(1.0300) = \underline{\quad 2960 \quad} \text{ MCF/D}$$

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

$$Aof = Q \left(\frac{588289}{489693} \right)^n = 2960(1.2013)^{.85} = 2960(1.1687)$$

$$Aof = \underline{\quad 3459 \quad} \text{ MCF/D}$$

Note: The well produced a dry flow.

TESTED BY F. Johnson

WITNESSED BY _____



Loren W. Fothergill
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Well Test Engineer