

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 8, 1974

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #227	
Location 800/S, 1810/W, Sec. 11, T25N, R6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2.875	Set At: Feet 2816'	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 2732	To 2764	Total Depth: PBTD 2816' 2806	Shut In 4-16-74
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 798	+ 12 = PSIA 810	Days Shut-In 22	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA --	
Flowing Pressure: P PSIG 55	+ 12 = PSIA 67	Working Pressure: P _w PSIG Calculated	+ 12 = PSIA 83		
Temperature: T= 62 °F	n = Ft= .9981	F _p (From Tables) 1.011	Gravity .700	F _g = .9258	

CHOKE VOLUME = Q = C x P_i x F_t x F_g x F_p

$$Q = 12.365(67)(.9981)(.9258)(1.0110) = 774 \text{ MCF/D}$$

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

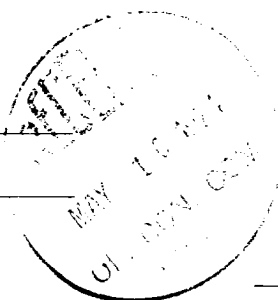
$$Aof = Q \left(\frac{656100}{649211} \right)^n = 774(1.0106)^{.85} = 774(1.0090)$$

$$Aof = 781 \text{ MCF/D}$$

Note: The well produced a dry gas.

TESTED BY Johnson

WITNESSED BY



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