

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 9, 1974

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit #205	
Location 1500/N, 1750/E, Sec. 13, T25N, R6W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool So. Blanco	
Casing: Diameter 2.875	Set At: Feet 2869'	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 2748	To 2790	Total Depth: PBT 2869' 2859'	Shut In 5-7-74
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 795	+ 12 = PSIA 807	Days Shut-In 7	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA --	
Flowing Pressure: P PSIG 124	+ 12 = PSIA 136	Working Pressure: P _w PSIG Calculated	+ 12 = PSIA 154		
Temperature: T = 60 °F	n = Ft = 1.0000 .85	F _{pv} (From Tables) 1.0150	Gravity .700	F _g = .9258	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

$$Q = 12.365(124)(1.0000)(.9258)(1.0150) = \underline{\quad 1441 \quad} \text{ MCF/D}$$

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

$$Aof = Q \left(\frac{651249}{627533} \right)^n = 1441(1.0378)^{.85} = 1441(1.0320)$$

$$Aof = \underline{\quad 1487 \quad} \text{ MCF/D}$$

Note: The well blew a dry gas.

TESTED BY Jesse E. Goodwin

WITNESSED BY _____



Loren W. Fothergill
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Well Test Engineer