

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE 12-1-69

Operator El Paso Natural Gas Co.		Lease Canyon Largo Unit No. 153	
Location 1940S, 1650E, S12, T25N, R6W		County Rio Arriba	State New Mexico
Formation Chacara		Pool Otero	
Casing: Diameter 2.375	Set At: Feet 3957	Tubing: Diameter No tubing	Set At: Feet
Pay Zone: From 3750	To 3830	Total Depth: 7537	Shut In 11-19-69
Stimulation Method GEL		Flow Through Casing No	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 796	+ 12 = PSIA 798	Days Shut-In 12	Shut-In Pressure, Tubing PSIG No tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 45	+ 12 = PSIA 57	Working Pressure: Pw PSIG Calc.	+ 12 = PSIA 75		
Temperature: T = 56 °F	n = .75	Fpv (From Tables) 1.004	Gravity .660	Fg = .9535	

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

$$Q = 12.365 \times 57 \times 1.0039 \times .9535 \times 1.004 = \underline{677} \text{ MCF/D}$$

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

Note: Well blew dry gas throughout test.

$$Aof = \left(\frac{636804}{631179} \right)^n = (1.0089)^{.75} 677 = 1.0066 \times 677$$

$$Aof = \underline{681} \text{ MCF/D}$$

TESTED BY D. R. Roberts

WITNESSED BY _____

