

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 3, 1969

Operator El Paso Natural Gas Co.		Lease Canyon Largo Unit No. 247	
Location 1750 N, 990 W- 82, 125N, R6W		County Rio Arriba	State New Mexico
Formation Ganera		Pool Otero	
Casing: Diameter 8.275	Set At: Feet 3660	Tubing: Diameter no tubing	Set At: Feet
Pay Zone: From 3714	To 3100	Total Depth: 3660	Shut In 10-23-69
Stimulation Method S N A		Flow Through Casing N/A	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		tubingless completion	
Shut-In Pressure, Casing, PSIG 927	+ 12 = PSIA 939	Days Shut-In 11	Shut-In Pressure, Tubing PSIG no tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 62	+ 12 = PSIA 74		Working Pressure: Pw PSIG 60.0	+ 12 = PSIA	66
Temperature: T = 56 °F	n = .75		Fpv (From Tables) 1.000	Gravity .660	Fg = .9603

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

$$Q = 12.365 \times 73 \times 1.0039 \times .9603 \times 1.009 = \underline{873} \text{ MCF/D}$$

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

Note: Blew mist of water throughout test.
Corrected Copy
2nd Corrected Copy.

$$Aof = \left(\frac{881721}{572563} \right)^n = (1.0104)^{.75} 878 = 1.0073 (878)$$

$$Aof = \underline{885} \text{ MCF/D}$$

TESTED BY BJB

WITNESSED BY _____

R. E. Stanley
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