

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 10, 1958

Operator El Paso Natural Gas Company		Lease Bolack No. 1-F	
Location 1650S, 1728W, 1-30-12		County San Juan	State New Mexico
Formation Fruitland - Pictured Cliffs		Pool Undesignated	
Casing: Diameter 5-1/2"	Set At: Feet 2210	Casing: Diameter 1-1/4"	Set At: Feet 1850'
Pay Zone: From Ft. - 1822' To 1844'		Total Depth: 2221' c/o to 2192'	
Pay Zone: From PC - 2104' To 2150'		Tbg. set 3-31-58	
Stimulation Method Sand water Frac.		Flow Through Casing X	
		Flow Through Tubing	

Choke Size, Inches .750		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 616	12 - PSIA 628	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 616
Flowing Pressure: P PSIG 303	12 - PSIA 315		Working Pressure: Pw PSIG 309
Temperature: T 66	.85		Gravity .660
			Flow From Tables) 1.031

$$\text{CHOKE VOLUME} = Q \quad C \times P_c \times F_c \times F_g \times F_{pv}$$

$$Q \quad 12.365 \times 315 \times .9943 \times .9535 \times 1.031 = \underline{3807} \text{ MCF/D}$$

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

$$Aof = Q \left(\frac{394384}{291343} \right)^n = 1.3536^{.85} \times 3807 = 1.293 \times 3807$$

$$Aof \quad \underline{4922} \text{ MCF D}$$

TESTED BY F. M. Clark

WITNESSED BY _____

Checked By: S. V. Roberts

Lewis D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION

MEZTEC DISTRICT OFFICE

50. Monitor is required 3

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

[illegible]