

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE December 24, 1957

Operator El Paso Natural Gas		Lease Jicarilla No. 10-J	
Location 900'S, 1185'E, Sec. 18-26-5		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 3119	Tubing: Diameter 1-1/4	Set At: Feet 3074
Pay Zone: From 3006	To 3070	Total Depth: 3120 - c/o 3080	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 1016	- 12 = PSIA 1028	Days Shut-In 54	Shut-In Pressure, Tubing PSIG 1016
Flowing Pressure: P PSIG 151	- 12 = PSIA 163		Working Pressure: P _w PSIG 162
Temperature: T °F 55	n 0.850	Fpv (From Tables) 1.020	Gravity .710

CHOKE VOLUME = $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = 12.365 \times 163 \times 1.0048 \times .9193 \times 1.020 = 1899 \text{ MCF/D}$$

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

$$\text{Aof } \left(\frac{1,056,784}{1,026,508} \right)^n = 1.0294^{.85} \times 1899 = 1.0249 \times 1899$$

$$\text{Aof } 1946 \text{ MCF/D}$$

TESTED BY Richard ProctorWITNESSED BY Virgil Stoabs (J. Glenn Turner)

L. D. Galloway
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By: IBG

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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