

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **November 20, 1957**

Operator El Paso Natural Gas Company		Lease Klein No. 6	
Location 1750'S, 1750'W, Sec. 35-26-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 5-1/2	Set At: Feet 2627	Tubing Diameter 1-1/4	Set At: Feet 2569
Pay Zone: From 2514	To 2560	Total Depth: 2630 - c/o 2600	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 907	12 - PSIA	Days Shut-In 36	Shut-In Pressure, Tubing, PSIG 909
Flowing Pressure: P 71	12 - PSIA		Working Pressure: P _w , PSIG 62
Temperature: T 53	°F		F _{pv} (From Tables) 1.007
			Gravity 0.647

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

$$Q = 12.365 \times 83 \times 1.0068 \times .9645 \times 1.007 \quad 1004 \quad \text{MCF/D}$$

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

$$Aof = \left(\frac{848,241}{842,765} \right)^n \quad 1.0064^{.85} \times 1004 = 1.0054 \times 1004$$

Aof : **1009** MCF/DTESTED BY **J. B. Goodwin**

WITNESSED BY _____



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