

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **May 30, 1962**

Operator El Paso Natural Gas Company		Lease Lindrith Unit No. 42	
Location 890'N, 1090'E, Sec. 22, T-24N.R-3W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 2.875	Set At: Feet 3310	Tubing Diameter None	Set At: Feet
Pay Zone: From 3207	To 3268	Total Depth 3310	Shut In 5-20-62
Stimulation Method Sand Water Frec.		Flow Through Casing X	Flow Through Tubing

Choke Size, in.ches .75	Choke Constant: C 12.365	Tubingless Completion	
Shut-in Pressure, Casing, PSIG 956	PSIG - 12 - PSIA 968	Days Shut-in 10	Shut-in Pressure, Tubing, PSIG - 12 - PSIA None
Flowing Pressure: P, PSIG 110	PSIG - 12 - PSIA 122	Working Pressure: P _w Calc.	PSIG - 12 - PSIA 155
Temperature: T 65	F _r .9952	F _{pv} From Tables 1.012	Gravity .670
	F _g .85		F _g .9463

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

$$Q = (12.365)(122)(.9952)(.9463)(1.012)$$

1438

MCF/D

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

$$A_{of} = \left(\frac{937,024}{912,999} \right)^n (1.0263)^{.85} (1438) = (1.0223)(1438)$$

A_{of} **1470**

MCF/D

By **H. E. McAnally**

At **El Paso, N.M.**



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