

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **May 15, 1959**

Operator El Paso Natural Gas		Lease Canyon Largo No. 74	
Location 1550N, 1652E; 26-24-6		County Rio Arriba	State New Mexico
Field Pictured Cliffs		Pool Ballard	
Flowing Depth 5-1/2	Set At Feet 2335	Tubing Diameter 1-1/4	Set At Feet 2242
Flow Zone Feet 2226	Total Feet 2280	Total Flow 2335 c/o 2280	Shut In: 5/8/59
Stimulant Sand Water Frac.		Flow X	Flow Through Tubing

Choke Size, Inches .75	Open Constant 12.365	Shut-in Pressure, PSIG 667	Shut-in Pressure, PSIA 679
Shut-in Pressure, PSIG 666	Open Shut-In 7	Working Pressure, PSIG 123	Working Pressure, PSIA 135
Flowing Pressure, PSIG 90	Flowing Pressure, PSIA 102	Flowing Pressure, PSIG 123	Flowing Pressure, PSIA 135
Temperature, F 65	Temperature, F .85	Specific Gravity 1.009	Specific Gravity .667

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

$$Q = 12.365 \times 102 \times .9952 \times .9498 \times 1.009$$

1203 MCF/D

$$OPEN FLOW Aof = Q \left(\frac{P_1^n}{P_2^n} \right)^n$$

$$Aof = \left(\frac{461041}{442816} \right)^n$$

$$1.0411^{.85} \times 1203 = 1.0348 \times 1203$$

Aof **1245** MCF/D

TESTED BY **S. V. Roberts**

WITNESSED BY



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