

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **May 12, 1959**

Operator El Paso Natural Gas		Lease Canyon Largo No. 64	
Location 1190N, 1500E; 4-24-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing Diameter 5-1/2	Set At Feet 2279	Tubing Diameter 1-1/4	Set At Feet 2211
Flow Line From 2150	To 2230	Total Depth 2279 c/o 2240	Shut In: 5/4/59 Flow Through Testing
Stimulation Method Sand Water Frac.		Flow Through Testing X	

Choke Size, Inches .75		Choke Constant, C 12.365	
Shut-In Pressure, Casing, PSIG 628	PSIG - 12 - PSIA 640	Days Shut-In 8	Shut-In Pressure, Tubing, PSIG 628
Flowing Pressure: P, PSIG 47	PSIG - 12 - PSIA 69		Working Pressure: Pw, PSIG 52
Temperature: T, F 68	F 85	Fpv (From Tables) 1.004	Gravity .667

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

$$Q = 12.365 \times 69 \times .9924 \times .9498 \times 1.004$$

807

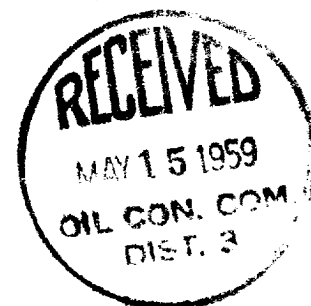
MCF/D

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

$$A_{of} = \left(\frac{409600}{405504} \right)^n$$

$$1.0101^{.85} \times 807 = 1.0085 \times 807$$

$$A_{of} = 814 \text{ MCF/D}$$



TESTED BY **Jesse B. Goodwin**

WITNESSED BY

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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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