

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **November 20, 1958**

Operator El Paso Natural Gas		Lease San Jacinto No. 5	
Location 1650N, 1090W; 21-29-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Aztec	
Casing Diameter 5-1/2	Set At Feet 2053	Tubing Diameter 1-1/4	Set At Feet 1956
Pay Zone From 1938	To 1982	Total Depth c/o 1998	Shut in 11/13/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant, C 12.365	
Static Pressure, Casing 600	PSIG $\pm$ 12 PSIA	Days Since 7	Static Pressure, Tubing 600
Flowing Pressure, P 255	PSIG $\pm$ 12 PSIA		Working Pressure, Pw 262
Temperature, T 63	F $\pm$ 1		Flow From Tables 1.025
			Gravity .648

CHOKE VOLUME $Q = C \times P_r \times F_p \times F_g \times F_v$

$$C \quad 12.365 \times 267 \times .9971 \times .9645 \times 1.025$$

3254

MCF/D

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

$$A_{of} = \left(\frac{374544}{299468} \right)^n$$

$$1.2506^{.85} \times 3254 = 1.2095 \times 3254$$

$$A_{of} \quad 3936 \quad \text{MCF/D}$$

TESTED BY **Frank M. Clark**

WITNESSED BY

Checked By **S. V. Roberts**



Lewis D. Galloway
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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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