

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **November 18, 1958**

Operator El Paso Natural Gas		Lease Federal 30-1-G	
Location G, 1800N, 1650E; 30-25-1		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Initial Pressure 5-1/2	Set At Feet 3866	Initial Pressure 1-1/4	Set At Feet 3787
Flow To Be From 3740	3780	Total Depth c/o 3830'	Shut in 11/9/58
Completion Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Wire Size, inches .75	Cable Weight, lb/ft 12.365	Shut-In Pressure, PSI 863	PSIG 875
Initial Pressure, PSI 862	Flow Rate, GPM 9	Working Pressure, PSI 47	PSIG 59
Flowing Pressure, PSI 39	Temperature, °F 51	Flow (From Tubing) 1.004	Gravity .695
Temperature, °F 52	85		

CHOKED VOLUME $Q = C \times R \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 51 \times 1.0078 \times .9292 \times 1.004$$

593 MCF/D

$$Q = \left(\frac{P_1^2 - P_2^2}{L} \right)^{1/n}$$

$$\left(\frac{765625}{762144} \right)^{1/n}$$

$$1.0045^{.85} \times 593 = 1.00382 \times 593 =$$

595

MCF/D

D. E. Mortensen

Checked By S. V. Roberts

Lewis D. Galloway
L. D. Galloway



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AZTEC DISTRICT OFFICE

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