

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 21, 1958

Operator El Paso Natural Gas		Lease Jicarilla 9-G	
Location 990S, 790W; 14-26-5		County Rio Arriba	State New Mexico
Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At Feet 3618	Tubing Diameter 1-1/4	Set At Feet 3547
Flow Line Size 3517	3554	Total Depth c/o 3563	Shut in 9/24/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75	Choke Constant, C 12.365	Shut-in Pressure, Tubing 1024	PSIG - 12 - PSIA 1036
Shut-in Pressure, Casing 1025	PSIG - 12 - PSIA 1037	Days Shut-in 27	Working Pressure, Fw 376
Flowing Pressure, C 359	PSIG - 12 - PSIA 371	Flow From Tubing 1.037	Grav. Sp. .657
Temperature, F 63	.85		

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$$Q = 12.365 \times 371 \times .9971 \times .9571 \times 1.037$$

4540

MCF/D

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

$$Q = \left(\frac{1075369}{924825} \right)^n \quad 1.1627^{.85} (4540) = 1.1368 (4540)$$

ACT

5161

MCF/D

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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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