

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 2, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla No. 6-H	
Location 1190S, 1190W, 5-24-4		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Undesignated	
Casing Diameter 5-1/2	Set At: Feet 2911	Tubing Diameter 1-1/4	Set At: Feet 2848
Pay Zone: From 2776	To 2844	Total Depth: c/o 2875	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 877	PSIA 889	Days Shut-In 11	Shut-In Pressure, Tubing, PSIG 876
Flowing Pressure: P, PSIG 33	PSIA 45		Working Pressure: Pw, PSIG 38
Temperature: T, F 64	F .85		Exp. From Tables: Gravity 1.004
			.705

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

$$Q = 12.365 \times 45 \times .9962 \times .9225 \times 1.004$$

513

MCF/D

$$\text{OPEN FLOW Aof } Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$\text{Aof } \left(\frac{790,321}{787,821} \right)^n$$

$$1.0031^{.85} \times 513 = 1.0026 \times 513$$

$$\text{Aof } 514 \text{ MCF/D}$$

TESTED BY K. C. McBrideWITNESSED BY Virgil Stoabs (BMG)

L. D. Galloway
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OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

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