

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 22, 1956

Operator El Paso Natural Gas Company		Lease Rincon # 59	
Location 1650'S, 1645'E, Sec. 24-27-7		County Rio Arriba	State New Mexico
Well Name Pictured Cliff		Well Name South Blanco Pictured Cliff	
Casing Diameter 5 1/2	Set At: Feet 3227	Tubing Diameter 2	Set At: Feet 3159
Flow Zone: From 3143	To 3166	Total Depth: 3227 - c/o - 3180	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 0.750	Choke Constant: C 14.1605		
Shut-In Pressure, Casing 941	PSIG - 12 - PSIA 953	Days Shut-In 7	Shut-In Pressure, Tubing 941
Flowing Pressure: P 114	PSIG - 12 - PSIA 126		PSIG - 12 - PSIA 288
Temperature: T 63°	0.850	Flow From Tables 1.010	Gravity .600

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$14.1605 \times 126 \times .9971 \times 1 \times 1.010$$

1797

MCF/D

$$Q = \left(\frac{P_c^2 - P_w^2}{P_c - P_w} \right)^n$$

$$\left(\frac{908,209}{825,265} \right)^n$$

$$1.1005^{.85} \times 1797 = 1.0847 \times 1797$$

Act 1949

MCF/D

Tom Grant



L. D. Galloway
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OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

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