

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 24, 1958

Operator El Paso Natural Gas		Lease Riddle No. 1-E	
Location 1650'S, 990'E, Sec. 4-30-9		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco Mesa Verde	
Casing: Diameter 7	Set At: Feet 4424	Tubing: Diameter 2"	Set At: Feet 5195
Pay Zone: From 4622	To 4734	Total Depth 5370 - c/o 5300	
Stimulation Method Sand Water Frac.		Flow: Casing	Flow: Tubing X

Choke Size, inches 0.75	Choke Constant: C 12.365	5-1/2" liner. 4335 - 5258
Shut-in Pressure: PSIG 892	PSIA 904	Days Shut-in 13
Flowing Pressure: P 337	PSIG 349	Working Pressure: PW 772
Temperature: T 66	Gravity .75	Gravity 0.665

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

$$Q = 12.365 \times 349 \times 0.9943 \times 0.9498 \times 1.035$$

4218

MCF/D

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

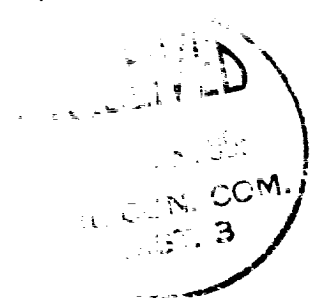
$$Q = \left(\frac{817,216}{202,560} \right)^n$$

$$4.0344^{.75} \times 4218 = 2.8467 \times 4218$$

Act: **12,907**

MCF/D

Jess Goodwin



L. D. Galloway
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OIL CONSERVATION COMMISSION

STATE DISTRICT OF

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