

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE **October 2, 1959**

Operator El Paso Natural Gas Company		Lease Federal No. 26-1-C	
Location 810N, 1840E; 26-25-2		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Gavilan	
Casing: Diameter 5-1/2	Set At: Feet 3596	Tubing: Size 1-1/4	Set At: Feet 3526
Flow Zone: From 3528	To 3548	Total Depth c/o 3555	Re Shut In: 9/17/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75	Choke Constant 12.365	Shut-In Pressure, Casing 953	Shut-In Pressure, Tubing 953
Flowing Pressure, Casing 33	Flowing Pressure, Tubing 45	Working Pressure, Casing 206	Working Pressure, Tubing 218
Temperature, Casing 51	Temperature, Tubing .85	Exp. Temp. Coefficient 1.004	Gravity .695

CHOKE VOLUME $Q = C \times F_1 \times F_2 \times F_3 \times F_4$

$$Q = 12.365 \times 45 \times 1.0088 \times .9292 \times 1.004$$

524

MCF/D

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

$$Q = \left(\frac{931225}{883701} \right)^n$$

$$1.0537^{.85} \times 524 = 1.0455 \times 524$$

 $Q = 548$ MCF/D
Checked By **D. Mortensen**

Witnessed By

Checked By **T. B. Grant**

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION		
LOCAL REPORT OFFICE		
No. 100-100000-100000		
Date of Report		
Name of Reporter		
Address of Reporter		
City of Reporter		
State of Reporter		
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