

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **October 24, 1958**

Operator El Paso Natural Gas Company		Lease San Juan 30-5 Unit No. 21-24	
Location 1650S, 1700W; 24-30-5		County Rio Arriba	State New Mexico
Form Mesa Verde		Pool Blanco Mesa Verde	
Casing Diameter 7-5/8	Flow Line Feet 4160	Tubing Diameter 2"	Net Air Feet 6393
Pay Zone From 5954	6360	Total Depth 6485 c/o 6405	Shut in 9/30/58
Stimulation Method Sand Water Frac.		Flow Through Tubing	Flow Through Tubing X

Choke Size, inches .75	Choke Constant, C 12.365	5-1/2 liner 4073-6487
Shut-in Pressure, Casing, PSIA 1162	Shut-in Pressure, Tubing, PSIA 1136	Shut-in Pressure, PSIA 1148
Flowing Pressure, P, PSIA 210	Working Pressure, P _w , PSIA 764	Flowing Pressure, PSIA 776
Temperature, T 67	Sp. Grav. T ₆₀ .75	Sp. Grav. 1.023

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times P_3 \times P_4$

$$Q = 12.365 \times 222 \times .9933 \times .9393 \times 1.023$$

2620

MCF/D

CHOKE FLOW, Act

$$\left(\frac{1378276}{776100} \right)^n$$

$$(1.7759)^{.75} (2620) = (1.5390)(2620)$$

4032

MCF/D

S. V. Roberts



Lewis D. Galloway
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