

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 13, 1959

Operator El Paso Natural Gas		Lease Canyon Largo No. 78	
Location 1750N, 990W; 15-25-7		County Rio Arriba	State New Mexico
Well Name Pictured Cliffs		Field Canyon Largo	
Flowing Well Number 5-1/2	Set Air Feet 2720	Tubing Diameter 1-1/4	Set Air Feet 2672
Pay Zone Feet 2618	2696	Total Depth 2720	Shut in: 8/6/59
Stimulation Method Sand Water F ac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75	Choke Constant 12.365	Shut-in Pressure, PSIG 575	Shut-in Pressure, PSIA 587	Shut-in Pressure, PSIG 325	Shut-in Pressure, PSIA 337
Flowing Pressure, PSIG 51	Flowing Pressure, PSIA 63	After Blow Pressure, PSIG 542	After Blow Pressure, PSIA 554	Flowing Pressure, PSIG 65	Flowing Pressure, PSIA 77
Temperature, °F 63	Temperature, °F .85	Specific Gravity 1.009	Specific Gravity .660		

CHOKE VOLUME $Q_c = C \times P_1 \times F_1 \times F_2 \times F_3$

$$C = 12.365 \times 63 \times .9971 \times .9535 \times 1.009$$

747

MCF/D

OPEN FLOW $Q_o = \left(\frac{P_1^2 - P_w^2}{P_1^2 - P_w^2} \right)^n$

$$Q_o = \left(\frac{344569}{338640} \right)^n$$

$$1.0175^{.85} \times 747 = 1.0149 \times 747$$

Act

758

MCF/D

TESTED BY **Don Mortensen**

WITNESSED BY

Checked By **S. V. Roberts**



Lewis D. Galloway
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