

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 4, 1958

Operator El Paso Natural Gas		Lease San Juan 28-5 Unit No. 32	
Location 1650N, 1650E; 30-28-5		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 7-5/8	Set At: Feet 3634	Tubing Diameter 2"	Set At: Feet 5711
Pay Zone: From 5546	To 5718	Total Depth 5809 c/o 5760	Shut in 10/22/58
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size: Inches .75	Choke Constant: C 12.365	5-1/2 liner 3569 - 5807
Shut-in Pressure: Casing, PSIG 1083	PSIA 1095	Shut-in Pressure: Tubing, PSIG 1085
Flowing Pressure: P, PSIG 332	PSIA 344	Working Pressure: P, PSIG 782
Temperature: T 66	.75	Gravity .685
		Flow Through Tubing 794

CHOKE VOLUME: $Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$

$$Q = 12.365 \times 344 \times .9943 \times .9359 \times 1.037$$

4105

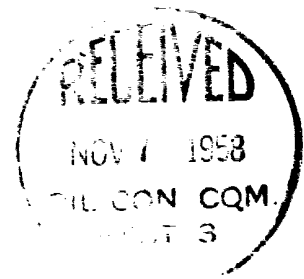
MCF/D

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

$$\left(\frac{1203409}{572973} \right)^n$$

$$2.1002^{.75} (4105) = 1.7440 (4105)$$

AOF **7159** MCF/D



By **M. W. Rischard**

Witnessed By

Lewis D. Galloway
L. D. Galloway

INSERVATION COMMISSION
DISTRICT OFFICE

۷۷

—

1

2

ရန်ကုန်

10