

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 29, 1956

Operator El Paso Natural Gas Company	Lease Hamilton State # 8-X
Location 890'S, 990'W, Sec. 32-T26N-R7W	County Rio Arriba State New Mexico
Formation Pictured Cliff	Pool Canyon Largo
Casing: Diameter 5½" Set At: Feet 2912	Tubing: Diameter 1¼" Set At: Feet 2877
Perforation Zone: From 2864 To 2884	Total Depth 2913 - c/o - 2895
Stimulation Method Sand Water Frac	Flow Through Casing X Flow Through Tubing

Wellbore Size, Inches 0.750	Shrinkage Constant, C 14.1605
Shut-in Pressure, Casing, PSIG 647	24 PSIA Days Shut-in 659 19
Flowing Pressure, P, PSIG 43	12 PSIA Working Pressure, Pw, PSIG 55 45
Temperature, T, °F 62	Equivalent Ties, Gravity 0.850 1.004 0.680

CHOKED VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$Q = 14.1605 \times 55 \times .9981 \times .9393 \times 1.004$$

733

MCF/D

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

$$Q = \left(\frac{434,281 - 431,032}{434,281 - 431,032} \right)^n$$

$$1.0075^{.85} \times 733 = 1.0064 \times 733$$

Act 738

MCF/D

By **Tom Grant**

WITNESSED BY



L. D. Galloway
L. D. Galloway

**OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE**

No. Copies Received 3

DISTRIBUTION

	NO. FURNISHED	
Director		
State Eng.	1	
Production Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓