

OPEN FLOW TEST DATA

DATE June 13, 1958

El Paso Natural Gas Loc: 2070N, 800E; 2-31-9 Formation: Mesa Verde Casing: 7-5/8" Set At: Feet 3571 Prev. Flow: 5678 Sand Water Frac		Lease: San Juan 32-9 Unit 57 County: San Juan State: New Mexico Pool: Blanco Mesa Verde Tubing Diameter: 2" Set At: Feet 5866 Total Depth: 5932 Flow Through Casing: Shut-In 5/25/58 Flow Through Tubing: E	
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Choke size: .75 Shut-In Pressure: 1039 Working Pressure: 273 Prev. Flow: 71	Choke Constant: 12.365 PSIG 12 PSIA Days Shut-In: 19 PSIG 12 PSIA 285 .75	5-1/2" liner 3531 - 5930 Shut-In Pressure: 950 Working Pressure: 758 Prev. Flow: 1.023	PSIG 12 PSIA 972 PSIG 12 PSIA 770 Gravity: .621
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CHOKER VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 205 \times .9896 \times 1.023 \quad 3509 \quad \text{MCF/D}$$

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

$$\left(\frac{1104601}{511701} \right)^n$$

$$2.1586^{.75} \times 3509 = 1.781 \times 3509 =$$

$$6250 \quad \text{MCF/D}$$

F. M. Clark

Checked By M. W. Rischard



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