

OPEN FLOW TEST DATA

DATE November 1, 1956

Operator J. Glenn Turner	Lease Huerfanito Unit #55-23
Location 1640S, 1190W, Sec. 23-27-9	Country San Juan State New Mexico
Formation Pictured Cliffs	Poll Wildcat
Casing Diameter 5½ Set At Feet 2340	Tubing Diameter 1 Set At Feet 2232
Perforation Depth 2212 To 2340	Total Depth 2340
Stimulation Method Sand Water Frac	Flow Through Tubing X

Choke Size, In. .750	Choke Constant, C 14.1605
Static Pressure, PSIA 694	Days Since 10
Flowing Pressure, PSIA 81	Flowing Pressure, PSIA 93
Temperature, F 57	Temperature, F .85
Static Pressure, PSIG 694	Static Pressure, PSIG 706
Flowing Pressure, PSIG 83	Flowing Pressure, PSIG 95
Flow Through Tubing 1.007	Gravity .640

CHOKE VOLUME = C x R₁ x F₁ x F₂ x F₃

$$= 14.1605 \times 93 \times 1.0029 \times .9682 \times 1.007$$

1288

MCF/D

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

ACT = $\left(\frac{498,436}{489,411} \right)^n$

$$1288 (1.0184)^{.85} = 1288 \times 1.0156$$

ACT 1308

MCF/D

TESTED BY H. L. Kendrick

WITNESSED BY Virgil Stoabs

Benson-Montin-Greer (4)



L. D. Galloway

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