

OPEN FLOW TEST DATA

DATE December 4, 1956

Owner: El Paso Natural Gas Company	Lease: Huerfano Unit #70
Location: 1090'N, 990'E, Sec. 8-26-10	County: San Juan State: New Mexico
Property: Pictured Cliffs	Pool: West Kutz
Casing Diameter: 5 1/2" Set At: Feet 3187	Tubing Diameter: 1 1/4" Set At: Feet 2135
Perforation Depth: 2109	Total Depth: c/o 2150
Stimulation Method: Sand Water Frac	Flow Through Casing: X Flow Through Tubing: X

Shut-In Pressure: .750	Shut-In Constant: 14.1605	Shut-In Pressure: 395	Shut-In Pressure: 407
Pressure: 396	Pressure: 408	Pressure: 10	Pressure: 138
Pressure: 94	Pressure: 106	Pressure: 126	Pressure: 138
Temperature: 60	Temperature: .85	Temperature: .590	

Made water last two hours of test.

$$C = \frac{1}{2} \times \left(\frac{1}{C} \times \frac{1}{P} \times \frac{1}{F} \times \frac{1}{F_q} \times \frac{1}{F_p} \right)$$

$$14.1605 \times 106 \times 1.008 \times 1.006$$

1522

MCF/D

$$Q = \frac{1}{2} \times \left(\frac{1}{C} \times \frac{1}{P} \times \frac{1}{F} \times \frac{1}{F_q} \times \frac{1}{F_p} \right)^n$$

$$\frac{166,464}{147,420}$$

$$(1.1291) \times 1522 = 1.1088 \times 1522$$

1688

MCF/D

K. C. McBride



L. D. Galloway

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