

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE August 26, 1960

Operator El Paso Natural Gas Co.	Lease Russell No. 2 (OWWO)
Location 990S, 990W; 25-28N-8W	County San Juan State New Mexico
Fracture Mesaverde	Blanco MV
Test Interval 7" Set At Feet 4020	Test Interval 2" Set At Feet 4710
Flow Rate 4458	Test Depth 6887 P/B 6530 Date 8/11/60
Fracture Type Sand Water Frac.	Flow Through Tubing X

Thickness .75	Length 12.365	5" liner from 3357 to 6884
Surface Pressure 963	Pressure 975	15
Flow Rate 156	Pressure 168	355
Flow Rate 68	Pressure .9924	1.014
Flow Rate .75	Pressure .630	Gravity .9759

FORMULA: $Q = 1.1642 \times 10^{-4} \times \left(\frac{P^2 - P_w^2}{h} \right) \times \left(\frac{1}{\mu} \right) \times \left(\frac{1}{r} \right)$

$$12.365 \times 168 \times .9924 \times .9759 \times 1.014$$

2040

MCF/D

$$Q = 1.1642 \times 10^{-4} \times \left(\frac{P^2 - P_w^2}{h} \right) \times \left(\frac{1}{\mu} \right) \times \left(\frac{1}{r} \right)$$

$$\left(\frac{954529}{819840} \right)^n$$

$$1.1642^{.75} \times 2040 = 1.1210 \times 2040$$

Not
2287
C. R. Wagner



Checked By W. D. Dawson

Lewis D. Galloway
L. D. Galloway

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