

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 2, 1958

Operator El Paso Natural Gas	License San Juan 32-9 Unit 59
Location 1840S, 990W, 19-32-9	County San Juan State New Mexico
Formation Mesa Verde	Well Blanco
Casing Diameter 7-5/8 Set At Feet 3652	Tubing Diameter 2" Set At Feet 5927
Pay Zone From 5746 To 5860	Total Depth 5995
Stimulant Sand Water Frac	Shut-in 3/31/58 Flow Through Tubing X

Shut-in Pressure, Casing, PSIA 1038	Shut-in Pressure, Tubing, PSIA 1050
Flowing Pressure, P, PSIA 248	Working Pressure, Pw, PSIA 690
Temperature, T, °F 66	Gravity 1.018
Choke Constant 12.365	5-1/2" liner 3606 to 5997 32

CHOKE VOLUME $Q = C \times R \times E \times F_1 \times F_2$

$$Q = 12.365 \times 260 \times .9943 \times 1.0040 \times 1.012$$

3267

MCF/D

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

$$Q = \left(\frac{1102500}{609,696} \right)^n$$

$$(1.8082)^{.75} \times 3267 = 1.5580 \times 3267$$

Ans 5090

MCF/D

TESTED BY Jess Goodwin

WITNESSED BY

Checked By H. L. Kendrick

Lewis D. Galloway
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