

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION - REPOTENTIAL TEST

DATE December 27, 1963

Operator LaPlata Gathering System, Inc.	Lease SJU 32-5 No. 1-20 (DK)
Location 2558'S, 400'W, Sec. 20, T-32-N, R-5-W	County Rio Arriba State New Mexico
Formation Dakota	Pool Basin
Casing Diameter 5.500 Set At Feet 7956	Tubing Diameter 2.0625 Set At Feet 7687
Perforation Depth 7811 To 7901	Total Depth 7956 Shut In 12-18-63
Stimulation Method Sand Water Frac.	Flow Through Casing X

Choke Size, inches 1" Flow Nipple	Choke Constant: C ---
Days Shut In 9	Shut-In Pressure, Tubing (DK) 2865
Working Pressure: P _w ---	PSIG 12 PSIA 2877
Temperature 65	Gravity ---
0.1" H₂O Impact	.75

CHOKED FLOW: $Q = C \times P_1 \times F_1 \times F_g \times F_{ev}$

Pitot Volume - 1" Flow Nipple

149

MCF/D

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

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

NOTE: Well dead in 5 minutes after opening, after 8 minutes started unloading solid stream of water. At end of test making 3 3/4 gallons of water per minute.

M. D. Dawson (EPNG)

Walt Kilgo (LaPlata)



H. L. Kendrick
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