

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE February 18, 1964

Operator J. Glenn Turner		Lease Whan Jones No. 1-30	
Location 1480'S, 790'W, Sec. 30-26-8		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6507	Tubing: Diameter 2.375	Set At: Feet 6375
Pay Zone: From 6296	To 6497	Total Depth: 6507	Shut In 2-11-64
Stimulation Method Sand/Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 2" Flow Nipple		Choke Constants: C			
Shut-In Pressure, Casing, PSIG 1785	+ 12 = PSIA 1797	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1778	+ 12 = PSIA 1790	
Flowing Pressure: P PSIG 12 lbs. impact pressure	+ 12 = PSIA		Working Pressure: Pw PSIG 578	+ 12 = PSIA 590	
Temperature: T = 58 °F	Ft =	n =	Fpv (From Tables)	Gravity Fg =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

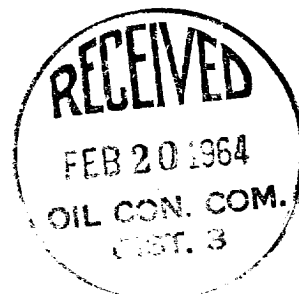
$$Q = \text{Pitot Volume} - 2" \text{ Flow Nipple} = \underline{\quad 2148 \quad} \text{ MCF/D}$$

$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

$$Aof = \underline{\quad} \text{ MCF/D}$$

NOTE: Well produced a heavy spray of oil and water throughout test.

TESTED BY W. D. Dawson (EPNG)WITNESSED BY Oliver Towell (J. Glenn Turner)

Lewis D. Galloway
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