

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

CORRECTED COPY

DATE November 10, 1967

Operator Merrion & Bayless		Lease Canyon Largo Unit No. 140	
Location 790'N, 870'E, Sec. 9, 25N, 6W		County Rio Arriba	State New Mexico
Formation Chacra		Pool Undesignated Chacra	
Casing: Diameter 2 7/8	Set At: Feet 3658	Tubing: Diameter None	Set At: Feet
Pay Zone: From 3453	To 3570	Total Depth: 3662	Shut In ---
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches ---		Choke Constant: C ---			
Shut-In Pressure, Casing, ---	PSIG	+ 12 = PSIA	Days Shut-In ---	Shut-In Pressure, Tubing ---	PSIG
				+ 12 = PSIA	
Flowing Pressure: P ---	PSIG	+ 12 = PSIA	Working Pressure: P _w ---		PSIG
					+ 12 = PSIA
Temperature: T = -- °F	Ft =	n =	F _{pv} (From Tables)		Gravity ---
					F _g = ---

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

$$Q = \quad = \quad 1105 \quad \text{MCF/D}$$

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

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

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

This well was produced for 5 days to clean out frac. water. This gauge of 1105 MCF/D was measured at the end of 5 days of flow.

The well was tested in this manner at the request of Merrion & Bayless.

TESTED BY Merrion & BaylessWITNESSED BY T. D. Worton (EPNG)

H. L. Kendrick
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