

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 2, 1964

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit No. 133	
Location 890'S, 990'E, Sec. 5, T-24-N, R-6-W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 2.875	Set At: Feet 2480	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2402	To 2414	Total Depth: 2480	Shut In 6-25-64
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 2" Flow Nipple		Choke Constant: C		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 598	+ 12 = PSIA 610	Days Shut-In 7	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 5 inches water impact pressure.	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: Est. T = 60 °F	F _t =	n =	F _{pv} (From Tables)	Gravity F _g =	

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

$$Q = \text{Pitot Volume} - 2" \text{ Flow Nipple}$$

$$= \underline{264} \text{ MCF/D}$$

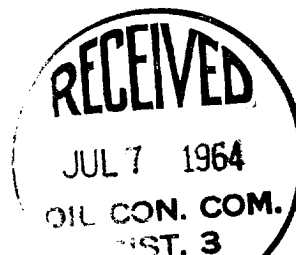
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

NOTE: Unloaded slug of water 1 minute after opening. Blew large amount of frac. sand.

TESTED BY Jess B. Goodwin
Calculated
~~WORKSHEET~~ BY W. D. Dawson



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