

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE 7-16-70

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit No. 162	
Location 1060 W, 800 E, S 6, T25N, R6W		County Rio Arriba	State New Mexico
Formation Chacara		Pool Otero	
Casing: Diameter 2.875	Set At: Feet 3565	Tubing: Diameter no tubing	Set At: Feet 7-8-70
Pay Zone: From 3390	To 3502	Total Depth: 3565	Shut In
Stimulation Method GMP		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		tubingless completion	
Shut-In Pressure, Casing, PSIG 387	+ 12 = PSIA 399	Days Shut-In 8	Shut-In Pressure, Tubing PSIG no tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 0.2" water through 2" flow nipple	+ 12 = PSIA	Working Pressure: P _w PSIG calc.	+ 12 = PSIA		
Temperature: T = 60 °F	n = .75	F _{pv} (From Tables)	Gravity F _g =		

CHOKE VOLUME - Q - C x P_i x F_i x F_g x F_{pv}Q = Pilot reading = 0.2 " H₂O thru 2" nipple = 52 MCF/D

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

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

Aof = 52 MCF/D

Note: well died 2 min. after opening to atmosphere - unloaded slug of salt water after 1 hr. and 45 min. - slugged salt water a few more times - at the end of 3 hrs. it was no longer making water.

TESTED BY C. R. Wagner & B. J. Broughton

WITNESSED BY _____

H. L. Kendrick
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