

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 8, 1961

Operator El Paso Natural Gas Company		Lease Rincon No. 163	
Location 1180'S, 800'W, Sec. 29-27N-6W		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool So. Blanco	
Casing: Diameter 2-7/8"	Set At: Feet 3343	Tubing: Diameter No Tubing	Set At: Feet ---
Pay Zone: From 3188	To 3238	Total Depth: 3326	Shut In 10-27-61
Stimulation Method Sand/Water Frac.		Flow Through Casing X	
		Flow Through Tubing	

Choke Size, Inches .750	Choke Constant: C 12.365	TUBINGLESS COMPLETION	
Shut-In Pressure, Casing, PSIG 951	12 PSIA	Days Shut-In 12	Shut-In Pressure, Tubing, PSIG ---
Flowing Pressure, P, PSIG 103	12 PSIA	Working Pressure: Pw, PSIG ---	12 PSIA
Temperature, T 59 F		Calc. Gravity 1.012	Est. Gravity .685
	1.0010 .85		Fig. .9359

CHOKE VOLUME $Q = C \times P_r \times F_p \times F_g \times F_v$

$$Q = (12.365)(115)(1.0010)(.9359)(1.012)$$

1348

MCF/D

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

$$Aof = \left(\frac{927,369}{906,053} \right)^n (1.0235)^{.85} (1348) = (1.0200)(1348)$$

Aof **1375** MCF/DTESTED BY D. E. Mortensen

WITNESSED BY

Checked by: T. B. Grant

Lewis D. Galloway
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