

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 12, 1962

Operator El Paso Natural Gas Company		Lease Rincon No. 141	
Location 990'N, 1550'W, Sec. 27-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing: Diameter 2.875	Set At: Feet 3263	Tubing: Diameter No Tubing	Set At: Feet ----
Pay Zone: From 3107	To 3117	Total Depth: 3263	Shut In 7-5-62
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 993	12 - PSIA	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG No Tubing
Flowing Pressure: P, PSIG 45	12 - PSIA		Working Pressure: P _w , PSIG Calc.
Temperature: 57	n		72
1.0029	0.85	1.004	Gravity .650 F _g .9608

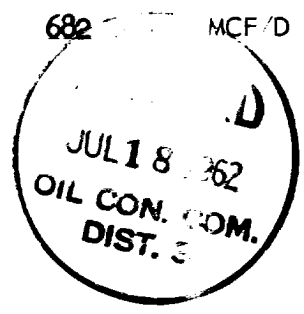
CHOKE VOLUME Q C x P_c² x F_v x F_g x F_p

Q (12.365)(57)(1.0029)(.9608)(1.004)

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

Aof $\left(\frac{1,010,025}{1,004,841} \right)^n$

(1.0051)^{.85}(682) = (1.0043)(682)



Aof **685** MCF/D

NOTE: Blew heavy spray of water and sand throughout test.

TESTED BY **Dannie R. Roberts**

WITNESSED BY

Calculated by: Tom B. Grant

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