

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 10, 1962

Operator El Paso Natural Gas Company		Lease Rincon No. 154	
Location 1190'S, 1750'E, Sec. 30-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing Diameter 2-7/8	Set At: Feet 3255	Tubing: Diameter No Tubing	Set At: Feet ----
Pay Zone: From 3074	To 3116	Total Depth: 3255	Shut In 6-28-62
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 935	PSIG - 12 - PSIA 947	Days Shut-In 12	Shut-In Pressure, Tubing, PSIG No Tubing
Flowing Pressure, P, PSIG 136	PSIG - 12 - PSIA 148	Working Pressure: Pw Calc.	PSIG - 12 - PSIA 187
Temperature 60	n 1.000	Fpv (From Tables) 1.016	Gravity .698
	.85		Fg .9292

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = (12.365)(148)(1.000)(.9292)(1.016)$$

1728

MCF/D

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

$$Aof = \left(\frac{896,809}{861,840} \right)^n$$

$$(1.0405)^{.85}(1728) = (1.0343)(1728)$$

Aof

1787

MCF/D

NOTE: Light spray of water & Distillate throughout test.

TESTED BY **Dannie R. Roberts**

WITNESSED BY

Checked by: H. E. McAnally

Lewis D. Galloway
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