

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE December 10, 1959

Operator El Paso Natural Gas Company		Lease Day 2-B (M)		OWNO	
Location 8908, 1090W; 7-27-8		County San Juan		State New Mexico	
Formation Mesa Verde		Pool Blanco			
Casing: Diameter 7-5/8	Set At: Feet 3041	Tubing: Diameter 2	Set At: Feet 5231		
Pay Zone: From 5152	To 5312	Total Depth: 5344 c/o 5317	Shut In 11/25/59		
Stimulation Method Sand Water Frac.		Flow Through Casing		Flow Through Tubing X	

Choke Size, Inches .75		Choke Constant: C 12.365			
Shut-In Pressure, Casing, PSIG 710 (PC)	PSIG · 12 · PSIA	Days Shut-In 16	Shut-In Pressure, Tubing, PSIG 896 (MV)	PSIG · 12 · PSIA 908	
Flowing Pressure: P, PSIG 137	PSIG · 12 · PSIA		Working Pressure: P _w , PSIG Calc. 278	PSIG · 12 · PSIA 290	
Temperature: T, °F 60	F, 1.000		F _{pv} (From Tables) 1.016	Gravity .707	F _g = .9225

Initial SIPP (PC) = 710 psig

Final SIPC (PC) = 711 psig

Model "D" Baker packer at 2960

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

$$Q = 12.365 \times 149 \times 1.0000 \times .9225 \times 1.016$$

1727

MCF/D

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

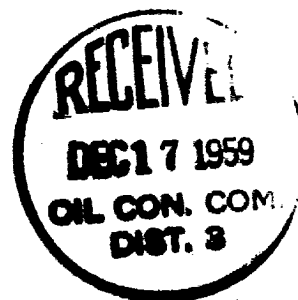
$$\text{Aof } \left(\frac{824464}{740364} \right)^n$$

$$1.1135^{.75} \times 1727 = 1.0841 \times 1727$$

$$\text{Aof } 1872 \text{ MCF/D}$$

TESTED BY D. Mortensen

APPROVED BY

Checked By Tom B. Grant

Lewis D. Galloway
L. D. Galloway