

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 23, 1958

Operator El Paso Natural Gas Company		Lease Florance No. 14-D (P)	
Location 1750S, 1750W, 21-27-8		County San Juan	
Pictured Cliffs		State New Mexico	
Casing Diameter 7-5/8	Set At Feet 4471	Tubing Diameter 1-1/4"	Set At Feet 2350
Flow Zone From 2320	To 2360	Total Depth 4758	Shut-in 4/26/58
Stimulation Method Sand Water Frac		Flow Through Casing X	

Choke Size, Inches .75	Choke Constant 12.365	Shut-in Pressure, Tubing (PC) 821	PSIG 12 PSIA 833
Working Pressure, P 544	PSIG 12 PSIA 556	Working Pressure, P _w 558	PSIG 12 PSIA 570
Temperature 72	.850	Fpv From Tables 1.054	Gravity .650

Initial SIPT (MV) = 1090 PSIG 2" at 4661, Packer at 4445
Final SIPT (MV) = 1094 PSIG

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_{pv}$

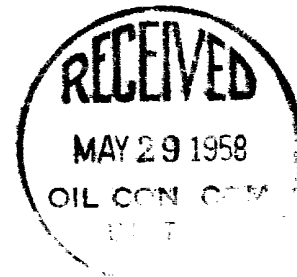
$Q = 12.365 (556) (.9887) (.9608) (1.054) = 6,884$ MCF/D

$$OPEN FLOW AOF Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_a^2} \right)^n$$

$$AOF = \left(\frac{693,889}{368,989} \right)^n (1.8805)^{.85} (6,884) = (1.7120) (6,884)$$

AOF 11,785 MCF/D

R. R. Davis



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Figure 1