

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADUAL COMPLETIONDATE January 14, 1958

Operator El Paso Natural Gas		Lease Florance No. 4-C (P)	
Location 1600'S, 2161'W, Sec. 29-28-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 7-5/8	Set At: Feet 2424	Tubing: Diameter 1-1/4	Set At: Feet 2324
Pay Zone: From 2776	To 2314	Total Depth: 4791 - c/o 4766	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750	Choke Constant: C 12.365	5-1/2" liner. 2379 - 4786	
Shut-in Pressure, Casing, PSIG PC 836	12 - PSIA 848	Days Shut-In 20	Shut-in Pressure, Tubing, PSIG PC 838
Flowing Pressure: P, PSIG PC 123	12 - PSIA 135	Working Pressure: P _w , PSIG 128	12 - PSIA 140
Temperature: T 57	F 0.85	F _{pv} (From Tables) 1.012	Gravity 0.638

Initial SIPT (MV) - 1062 psig. Final SIPT (MV) 1064 psig. 2" at 4706. Packer at 2416

CHOKE VOLUME - $Q = C \times P_r \times F_c \times F_g \times F_{pv}$

$$Q = 12.365 \times 135 \times 1.0029 \times .9721 \times 1.012 = 1647 \text{ MCF/D}$$

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

$$A_{of} = \left(\frac{722,500}{702,900} \right)^n = 1.0278^{.85} \times 1647 = 1.0236 \times 1647$$

$$A_{of} = 1686 \text{ MCF/D}$$

TESTED BY S. V. Roberts

WITNESSED BY _____

cc: E. S. Oberly (6)

L. D. Galloway
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