

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADUAL COMPLETIONDATE December 27, 1957

Operator El Paso Natural Gas Company		Lease Florance No. 5-C (P)	
Locat. 1735'N, 890'E, Sec. 30-28-8		County San Juan	State New Mexico
Format Pictured Cliffs		Pool Undesignated	
Casing Diameter 7-5/8	Set At: Feet 2466	Tubing Diameter 1-1/4	Set At: Feet 2297
Pay Zone: From 2262	To 2314	Total Depth: 4770	
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. 2319 - 4766	
Shut-in Pressure, Casing, PSIG PC 825	PSIA 837	Days Shut-in 20	Shut-in Pressure, Tubing, PSIG PC 825	PSIA 837	
Flowing Pressure, P, PSIG 112	PSIA 124		Working Pressure, Pw, PSIG 117	PSIA 129	
Temperature, F 58			Fpv (From Tables) 1.011	Gravity 0.646	

Initial SIPT (MV) - 1065 psig. Final SIPT (MV) - 1065 psig. 2" at 4627. Packer at 2351.
No sleeve.

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$C = 12.365 \times 124 \times 1.0019 \times .9645 \times 1.011 \quad 1498 \quad \text{MCF/D}$$

$$\text{OPEN FLOW } Q = \left(\frac{P_1^2 - P_w^2}{P_1^2 - P_*^2} \right)^n$$

$$Q = \left(\frac{700,569}{683,928} \right)^n \quad 1.0243^{.85} \times 1498 = 1.0206 \times 1498$$

$$Q = 1529 \quad \text{MCF/D}$$

S. V. Roberts

W. T. Galloway

cc: E. S. Oberly (6)

L. D. Galloway
L. D. Galloway



