

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADUAL COMPLETIONDATE October 16, 1957

Operator El Paso Natural Gas		Lease Florance No. 3-C	
Location 1450'S, 1750'W, Sec. 19-28-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 7-5/8	Set At: Feet 2292	Tubing: Diameter 1-1/4	Set At: Feet 2315
Pay Zone: From 2106	To 2154	Total Depth: 4605	
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 -- 2211 - 4600	
Shut-In Pressure, Casing, PSIG 805	- 12 = PSIA 817	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 805
Flowing Pressure: P PSIG 210	- 12 = PSIA 222	Working Pressure: P _w PSIG 214	- 12 = PSIA 226
Temperature: T °F 64	n 0.85	F _{pv} (From Tables) 1.021	Gravity 0.646

Initial SIPT (MV) 1052; Final - 1052 psig. 2" at 4450. Packer at 2410 - sleeve at 2160

CHOKE VOLUME = Q = C x P_i x F_t x F_g x F_{pv}

$$Q = 12.365 \times 222 \times .9962 \times .9645 \times 1.021 = 2693 \text{ MCF/D}$$

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

$$Aof \left(\frac{667,489}{616,413} \right)^n = 1.0828^{.85} \times 2693 = 1.070 \times 2693$$

$$Aof = 2882 \text{ MCF/D}$$

TESTED BY S. V. Roberts

WITNESSED BY _____

cc: E. S. Oberly (6)

L. D. Galloway

L. T. & G



INTERVIEW COMMISSION
AZTEC DISTRICT OFFICE

Mo. Co. 1955 P. 10

100-443887-100

U.S. 1

[illegible]