

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE March 27, 1958

Operator El Paso Natural Gas Company		Lease Tapp No. 3 (P)	
Location 1650 S, 990 W ; 15-28-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 7-5/8"	Set At: Feet 2464	Tubing: Diameter 1-1/4"	Set At: Feet
Pay Zone: From 2316	To 2406	Total Depth: 4716 c/o 4713	Shut-in 3-20-58
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, inches .750	Choke Constant: C 12.365	5-1/2" liner 2425-4716	
Shut-In Pressure, Casing, (PC) 930	PSIG - 12 - PSIA 942	Days Shut-In 7	Shut-In Pressure, Tubing PSIG - 12 - PSIA 930 942
Flowing Pressure: P 207	PSIG - 12 - PSIA 219	Working Pressure: Pw 213	PSIG - 12 - PSIA 225
Temperature: T 64	0.85	Fpv (From Tables) 1.020	Gravity 0.646

Initial SIPT (MV) 1002 psig
Final SIPT (MV) 1006 psig
2" at 4637
Pkr. at 2463

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

$$Q = (12.365) (219) (.9962) (.9645) (1.020) = 2654 \text{ MCF/D}$$

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

$$A_{of} = \left(\frac{887364}{836739} \right)^n (1.0605)^{.85} (2654) = (1.0511) (2654)$$

Aof 2790 MCF/D

TESTED BY S. V. Roberts

WITNESSED BY M. W. Rischard



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