

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE April 7, 1958

Operator El Paso Natural Gas Company		Lease Florence No. 11-D (P)	
Location 1460N, 1700E; 18-27-8		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter (PC) 7-5/8"	Set At: Feet 4900	Tubing Diameter (PC) 1-1/4"	Set At: Feet 2868
Pay Zone: From 2826	To 2876	Total Depth: 5312 c/o 5281	Shut-in 2-28-58
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		5-1/2 liner 4849 - 5311	
Shut-In Pressure, Casing, (PC) 795	PSIG - 12 - PSIA 807	Days Shut-In 33	Shut-In Pressure, Tubing (PC) 802	PSIG - 12 - PSIA 814	
Flowing Pressure: P 494	PSIG - 12 - PSIA 506		Working Pressure: P _w 498	PSIG - 12 - PSIA 510	
Temperature: T 64	F		F _{pv} (From Tables) 1.048	Gravity .636	

Initial SIPT (MV) 1103 PSIG

2" at 5254 Pkr. at 4874

Final SIPT (MV) 1106 PSIG

CHOKE VOLUME = Q C x P_i x F_i x F_g x F_{gv}

$$Q = (12.365) (506) (.9962) (.9721) (1.048) = 6,351 \text{ MCF/D}$$

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

$$A_{of} \left(\frac{662596}{402496} \right)^n = (1.6462)^{.85} (6350) = (1.5280) (6351)$$

$$A_{of} = 9,704 \text{ MCF/D}$$

TESTED BY S. V. Roberts

WITNESSED BY Bill Rischard



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