

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE **September 29, 1959**

Operator El Paso Natural Gas Company		Lease Day No. 2-B (M)		OWWO
Location 8908, 1090W; 7-27-8		County San Juan	State New Mexico	
Formation Mesa Verde		Pool Blanco		
Casing: Diameter 7-5/8	Set At: Feet 3041	Tubing: Diameter 2	Set At: Feet 5280	
Pay Zone: From 5152	To 5312	Total Depth: 5344 c/o 5317	Be Shut in: 9/17/59	
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X	

Choke Size, Inches .75		Choke Constant: C 12.365		5-1/2 liner 2290 - 5338	
Shut-In Pressure, Casing, PSIG 735 (PC)	PSIG - 12 - PSIA 747	Days Shut-In 12	Shut-In Pressure, Tubing, PSIG 865	PSIG - 12 - PSIA 877 (IV)	
Flowing Pressure: P, PSIG 302	PSIG - 12 - PSIA 314		Working Pressure: P _w , PSIG Calc.	PSIG - 12 - PSIA 623	
Temperature: T, °F 61	°F In : .75		Fpv (From Tables) 1.037	Gravity .707	

Initial SIPT (PC) = 735 psig
Final SIPT (PC) = 735 psig

Packer at 3041

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = 12.365 \times 314 \times .9990 \times .9235 \times 1.037 = 3711 \text{ MCF/D}$$

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

$$A_{of} \left(\frac{769129}{381000} \right)^n \quad 2.0187^{.75} \times 3711 = 1.6920 \times 3711$$

$$A_{of} 6279 \text{ MCF/D}$$

TESTED BY Jesse B. Goodwin

WITNESSED BY _____

Checked By W. D. Dawson

L. D. Galloway
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