

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE July 5, 1957

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit No. 75	
Location 1850'S, 890'W, Sec. 15-28-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Wildcat	
Casing: Diameter 7 5/8	Set At: Feet 3055	Tubing: Diameter 1 1/4	Set At: Feet 2912
Pay Zone: From 2863	To 2920	Total Depth: 5260 - c/o 5220. Packer at 3124	
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 at 5258	
Shut-In Pressure, Casing 1057	PSIG - 12 - PSIA 1069	Days Shut-In 18	Shut-In Pressure, Tubing 1057
Flowing Pressure: P 137	PSIG - 12 - PSIA 149		Working Pressure: Pw 139
Temperature T 68			Flow From Tables 1.013
	.85		Gravity .630

SIPT (MV) - 1012. Ending SIPT (MV) - 1014 psig.

CHOKE VOLUME $Q_c = C \times P_s \times F_g \times F_{gv}$

$$C = 12.365 \times 149 \times .9924 \times .9759 \times 1.013$$

1808

MCF D

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

$$Aof = \left(\frac{1,142,761}{1,119,960} \right)^n \times 1.0203^{.85} \times 1808 = 1.0172 \times 1808$$

Aof 1839 MCF D

TESTED BY **K. C. McBride**

WITNESSED BY

cc: **E. J. Coel, Jr. (6)**



L. D. Galloway
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OIL CONSERVATION COMMISSION**AZTEC DISTRICT OFFICE**

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