

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 2, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla No. 11-H	
Location 1050S, 990W, 6-24-4		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At Feet 2971	Tubing Diameter 1-1/4	Set At Feet 2942
Cs. Zone From 2840	To 2940	Initial Depth 3200 c/o 2955	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750	Choke Constant, C 12.365	Days Shut-In 20	Shut-In Pressure, Tubing 881	PSIG - 12 - PSIA 893
Pressure, Casing 880	PSIG - 12 - PSIA 892	Working Pressure, Pw 32	PSIG - 12 - PSIA 44	
Pressure, P 24	PSIG - 12 - PSIA 36	Exp. From Tables 1.004	Gravity .705	
Temperature 64	PSIG - 12 - PSIA .85			

CHOKE VOLUME = Q C x P_c x F_v x F_g x F_g

$$= 12.365 \times 36 \times .9962 \times .9225 \times 1.004$$

411

MCF/D

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

Aof $\left(\frac{797449}{795513} \right)^n$

$$1.0024^{.85} \times 411 = 1.0020 \times 411$$

Aof 412 MCF/D

REPORT BY K. C. McBride

WITNESSED BY Virgil Stoabs (BMG)



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