

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE August 14, 1957

Operator El Paso Natural Gas Company		Lease Warren No. 4	
Location 1700N, 1090E 14-28-9		County San Juan State New Mexico	
Field Mesa Verde		Well Blanco	
Casing Diameter 7-5/8	Set At Feet 2607	Casing Diameter 2"	Set At Feet 4755
Flow Line 4642	Flow Line 4810	Total Depth 4927 c/o 4820 Pkr. @2623	
Stimulation Method Sand Water Frac		Flow Through Casing X	

Pressure .750	Pressure 12.365	5-1/2" liner 2574 to 4922
Pressure 304 (PC)	Pressure 816	Pressure 1048 (MV)
Pressure 327	Pressure 339	Pressure Calculated
Temperature 74	Temperature .75	Temperature 1.030
		Temperature .646

Ending Pictured Cliffs SIPC 804 psig.

CHOKED VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 339 \times .9868 \times .9645 \times 1.030$$

4109

MCF/D

$$Q_{PLN} = Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

$$A_{of} \left(\frac{1,123,600}{711,436} \right)^n$$

$$1.5793^{.75} \times 4109 = 1.4080 \times 4109$$

Aof 5785 MCF/D

TESTED BY K. C. McBride

WITNESSED BY Fred Cook (NMOCC)

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



L. D. Galloway
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