

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 27, 1956

Company El Paso Natural Gas Company		Lease Johnston # 2	
Location 1800'S, 870'E, Sec. 9-28-9		County San Juan	State New Mexico
Field Pictured Cliff		Pool Aztec	
Casing Diameter 5 1/2	Set At Feet 2657	Tubing Diameter 2	Set At Feet 2596
Perforation Depth 2584	Top 2610	Total Depth 2655 - c/o - 2620'	
Fracturing Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Shut-In Pressure: Casing 704	Shut-In Pressure: Tubing 704	Days Shut-In 7
Flowing Pressure 103	Working Pressure: Pw 231	
Temperature 74	Spv. From Tables 1.009	
Constant C 14.1605	PSIA 716	PSIA 716
PSIA 115	PSIA 243	Gravity .635

GROSS VOLUME = $C \times R \times F_1 \times F_2 \times F_3 \times F_4$

$$= 14.1605 \times 115 \times .9868 \times .9721 \times 1.009 \times 1576 \text{ MCF/D}$$

OPEN FLOW = $\left(\frac{512,656}{453,607} \right)^n$

$$(1.1301)^{.85} \times 1576 = 1.1095 \times 1576$$

Net 1749 MCF/D

K. C. McBride



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