

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 3, 1957

Operator El Paso Natural Gas Company		Lease Huerfano Unit # 75	
Location 1850'S, 658'E, Sec. 29-27-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Wildcat	
Casing Diameter 5 1/2	Set At: Feet 1822	Tubing: Diameter 1 1/4	Set At: Feet 1739
Flow From 1748	To 1764	Total Depth: 1835 - c/o - 1765'	
Production Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Casing Size, Inches 2" open				Stroke Constant: C			
Shut-In Pressure: Casing 440	PSIG - 12 PSIA 452	Days Shut-In 7	Shut-In Pressure: Tubing 443	PSIG - 12 PSIA 455			
Flowing Pressure: P 1" water pressure	PSIG - 12 PSIA		Working Pressure: Pw 27	PSIG - 12 PSIA 39			
Temperature: T 55	F		Flow From Tables	Gravity			

No water produced during test

CHECK VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

C **1" water impact through 2"**

I.P. -

118

MCF/D

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

$$\left(\frac{204,304 - 202,783}{204,304 - 202,783} \right)^n \times 118 = 1.0064 \times 118$$

Act **119** MCF/D

K. C. McBride



Lewis D. Galloway
L. D. Galloway

