

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE October 4, 1956

Operator El Paso Natural Gas Company		Lease Sellers # 3-A	
Location 890'S, 890'W, Sec. 30-30-10		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Aztec	
Casing: Diameter 7 5/8	Set At: Feet 4382	Tubing: Diameter 2	Set At: Feet 4930
Pay Zone: From 2464	To 2484	Total Depth: Packer at 2527 - T.D. 5040 c/o - 5000	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 14.1605		
Shut-In Pressure, Casing, PSIG 662	- 12 - PSIA 674	Days Shut-In 9	Shut-In Pressure, Tubing, PSIG 693
Flowing Pressure: P, PSIG 294	- 12 - PSIA 306	Working Pressure: Pw, PSIG Calculated	- 12 - PSIA 307
Temperature: T, °F 83	n = .85	Fpv (From Tables) 1.024	Gravity .630

CHOKE VOLUME: $Q = C \times P_r \times F_r \times F_g \times F_{pv}$
 $Q = 14.1605 \times 306 \times .9786 \times .9759 \times 1.024$

4238

MCF/D

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{of} = 1.218 \times 4238 = 5162 \text{ MCF/D}$$

5162 MCF/D

K. C. McBride

A. R. Kendrick, New Mexico Oil Conservation Commission

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


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