

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 20, 1956

Operator El Paso Natural Gas Company		Lease De-Na-Haz-Za # 1	
Location 990'N, 800'W, Sec. 18-26-8		County San Juan	State New Mexico
Well Name Pictured Cliff		Pool Ballard	
Casing Diameter 5½	Set At: Feet 1980	Tubing Diameter 2	Set At: Feet 1906
Production 1878	1913	Total Depth: 1980 - c/o 1924'	
Flow Through Casing Sand Water Frac		Flow Through Tubing X	

Choke Size, Inches .750	Choke Constant: C 14.1605		
Shut-In Pressure, Casing, PSIG 647	PSIA 659	Days Shut-In 12	Shut-In Pressure, Tubing, PSIG 647
Flowing Pressure, P, PSIG 161	PSIA 173		Working Pressure, Pw, PSIG 254
Temperature: T, F 74			Gravity .660
	.85		1.016

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_{pv}$

$$Q = 14.1605 \times 173 \times .9868 \times .9535 \times 1.016$$

2342

MCF/D

$$Q_{open} = A_{eff} \left(\frac{P_s^2 - P_w^2}{P_s^2} \right)^n$$

$$A_{eff} = \left(\frac{434,281}{363,525} \right)^n (1.1946)^{.85} \times 2342 = 1.1632 \times 2342$$

A.E. 2724 MCF/D

K. C. McBride



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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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