

OPEN FLOW TEST DATA

DATE August 29, 1956

Operator	El Paso Natural Gas Company	Lease	Huerfano Unit # 78
Location	1800'N, 1170'W, Sec. 31-27-10	County	San Juan New Mexico
Formation	Pictured Cliff	Well	West Kutz Pictured Cliff
Casing Diameter	5 1/2	Set At Feet	1795
Flow Zone Feet	1658	Tubing Diameter	1 1/4 1700
Stimulation Method	Sand Water Frac	Total Depth	1795 - c/o - 1720
		Flow Through Casing	X

Choke Size	.750	Choke Constant	14.1605
Shut-in Pressure, Casing	420	PSIG	432
Flowing Pressure, P	206	PSIG	218
Temperature, T	72	F	.85
Shut-in Pressure, Tubing	420	PSIG	432
Working Pressure, Pw	227	PSIG	239
App. From Tables	1.020	Gravity	.650 est.

CHOKE VOLUME $Q = C \times R \times \sqrt{P_1 - P_2} \times F_g \times F_v$

$$Q = 14.1605 \times 218 \times .9887 \times .9608 \times 1.020$$

2991

MCF/D

$$Q = \frac{C \times R \times \sqrt{P_1 - P_2} \times F_g \times F_v}{1.364}$$

$$Q = \frac{186,624}{129,503}$$

$$(1.441)^{.85} \times 2991 = 1.364 \times 2991$$

4080

MCF/D

K. C. McBride

L. D. Galloway



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