

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **July 22, 1959**

Operator El Paso Natural Gas		Lease Huerfano No. 59-23	
Location 1800N, 960W; 23-27-9		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 5-1/2	Set At Feet 2196	Tubing Diameter 1-1/4	Set At Feet 2122
Pay Zone From 2090	To 2114	Total Depth 2196 w/o 2139	Shut In: 7/13/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant, C 12.365	
Shut-In Pressure, PSI 653	PSIG 12 PSIA 665	Days Shut-In 9	Shut-In Pressure, Tubing, PSI 653
Flowing Pressure, PSI 79	PSIG 12 PSIA 91	Working Pressure, PSI 83	PSIG 12 PSIA 95
Temperature, F 61	F .85	Equiv Frac. Inches 1.007	Gravity .630

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 91 \times .9990 \times .9759 \times 1.007$$

1105 MCF/D

$$\text{OPEN FLOW Asf } Q = \left(\frac{P_1^n}{P_2^n} \right)^n$$

$$\text{Asf } \left(\frac{442225}{433200} \right)^n$$

$$1.0208^{.85} \times 1105 = 1.0155 \times 1105$$

Asf 1122 MCF/D

M. W. Rischard

WITNESSES



L. D. Galloway
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OIL CONSERVATION COMMISSION

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