

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 1, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla # 1-F	
Location 1650'S, 990'W, Sec. 21-26-5		County Rio Arriba State New Mexico	
Formation Pictured Cliffs		Well Wildcat	
Casing Diameter 5½	Set At Feet 3215	Casing Diameter 1½	Set At Feet 3123
Perforation Depth 3067	To 3132	Perforation Depth 3067	To 3132
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, in. 0.75	Choke Constant, C 15.1605	Choke Size, in. 0.75	Choke Constant, C 15.1605
Surface Pressure, PSIG 1019	12" PSIA 1031	Surface Pressure, PSIG 1018	12" PSIA 1030
Flowing Pressure, PSIG 327	12" PSIA 339	Flowing Pressure, PSIG 352	12" PSIA 364
Temperature, F 58	.85	Temperature, F 58	.85
		Gravity 1.034	.650 est.

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times F_1 \times F_2 \times F_3$

$$Q = 14.1605 \times 339 \times 1.0019 \times .9608 \times 1.034$$

4778

MCF/D

$$\text{OPEN FLOW} \quad Q = C \left(\frac{P_1^2 - P_2^2}{P_1 \times P_2} \right)^n$$

$$Q = C \left(\frac{1,062,961 - 930,465}{P_1 \times P_2} \right)^n$$

$$(1.1423)^{.85} \times 4778 = 1.1199 \times 4778$$

Q = 5351

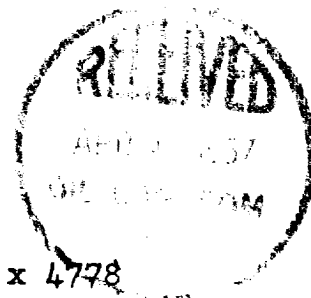
MCF/D

Well blew heavy mist of distillate during entire test period.

TESTED BY R. A. Ullrich

WITNESSED BY Virgil Stoabs (J. Glenn Turner) cc: (4)

L. D. Galloway
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