

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **December 19, 1959**

Operator El Paso Natural Gas		Lease Klein No. 8	
Location 1090N, 1150E; 34-26-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 2653	Tubing: Diameter 1-1/4	Set At: Feet 2600
Pay Zone: From 2548	To 2622	Total Depth: 2654 c/o 2630	Shut In 12/12/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75	Choke Constant: C 12.365			5-1/2" at 2653		
Shut-In Pressure, Casing, PSIG 866	+ 12 = PSIA 878	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 867	+ 12 = PSIA 879		
Flowing Pressure: P, PSIG 98	+ 12 = PSIA 110		Working Pressure: Pw, PSIG 108	+ 12 = PSIA 120		
Temperature: T 57	F = 1.0029	.85	Fpv (From Tables) 1.009	Gravity .650	Fg = .9608	

CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{pv}$

$$Q = 12.365 \times 110 \times 1.0029 \times .9608 \times 1.009$$

1322

MCF/D

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

$$A_{of} = \left(\frac{772641}{758241} \right)^n \cdot 1.0189^{.85} \times 1322 = 1.0160 \times 1322$$

Aof **1343** MCF/DTESTED BY **Frank M. Clark**

WITNESSED BY

Checked By **S. V. Roberts**

L. D. Galloway
L. D. Galloway

by T86

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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