

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 28, 1957

Operator Frank A. Schultz, Jr.		Lease Canyon Largo No. 3-23	
Location 900'S, 1100'E, Sec. 23-25-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 5 1/2	Set At: Feet 2713	Tubing: Diameter 1 1/4	Set At: Feet 2618
Pay Zone: From 2598	To 2610	Total Depth: 2714 - P.B. 2632	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 851	- 12 - PSIA	Days Shut-In 20	Shut-In Pressure, Tubing, PSIG 851
Flowing Pressure: P 70	- 12 - PSIA		Working Pressure: P _w , PSIG 91
Temperature: T 75	F		Flow (From Tables) 1.008
			Gravity .650

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

$$Q = 12.365 \times 82 \times .9859 \times .9608 \times 1.008$$

968

MCF/D

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

$$A_{of} \left(\frac{744,769}{734,160} \right)^n \quad 1.0144^{.85} \times 968 = 1.0122 \times 968$$

Aof 980 MCF/DTESTED BY R. A. UllrichWITNESSED BY Virgil Stoabs (J. Glenn Turner)

cc: Virgil Stoabs (4)

L. D. Galloway
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