

LA PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 14, 1959

Operator La Plata Gathering System		Lease Canyon Largo Unit No. 63	
Location 790S, 1450E; 9-25-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Canyon Largo	
Casing Diameter 5-1/2	Set At: Feet 2760	Tubing Diameter 1-1/4	Set At: Feet 2733
Pay Zone: From 2637	To 2731	Total Depth 2761 P.B. 2745	Shut In: 7/29/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size: inches .75	Choke Constant: C 12.365		
Shut-In Pressure: PSIG 641	- 12 = PSIA 653	Shut-In Pressure: Tubing PSIG 641	- 12 = PSIA 653
Flowing Pressure: P 1.7 inches water	- 12 = PSIA (Pitot Gauge)	Working Pressure: P _w PSIG 15	- 12 = PSIA 27
Temperature: °F		Fpv (From Tables)	Gravity

CHOKE VOLUME: $Q = C \times P_1 \times F_1 \times F_g \times F_p$ Q = **1.7 inches water (Pitot Gauge)****154**

MCF/D

$$\text{OPEN FLOW } Aof = Q \left(\frac{P_1^2 - P_w^2}{P_1^2} \right)^n$$

$$Aof = \left(\frac{426409}{425680} \right)^n \quad 1.0017^{.85} \times 154 = 1.0014 \times 154$$

Aof **154** MCF/DTESTED BY S. V. RobertsWITNESSED BY Virgil Stoabs (B.M.G.)

L. D. Galloway
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