

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **September 17, 1956**

Operator El Paso Natural Gas Company		Lease Rincon Unit # 67	
Location 1800'S, 990'E, Sec. 22-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing Diameter 5½	Set At: Feet 3150	Tubing Diameter 2	Set At: Feet 3087
Pay Zone: From 3072	To 3090	Total Dep 3152 - c/o - 3110'	
Stimulation Method Sand Water Frac		Flow Through g	Flow Through Tubing X

Choke Size, inches .750	Choke Constant: C 14.1605							
Shut-In Pressure: Casing 1018	PSIG	12	PSIA	Days Shut-In 9	Shut-In Pressure: Tubing 1017	PSIG	12	PSIA 1029
Flowing Pressure: P 385	PSIG	12	PSIA		Working Pressure: P _w 748	PSIG	12	PSIA 760
Temperature: T 75	F				F _{pv} (From Tables) 1.032			Gravity .630
			.85					

CHOKER VOLUME: $Q = C \times P_c \times F_c \times F_g \times F_{pv}$ $Q = 14.1605 \times 397 \times .9859 \times .9759 \times 1.032$

5582

MCF/D

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

$$Aof = \left(\frac{1,060,900}{483,300} \right)^{.85} \times 5582 = 1.95 \times 5582$$

Aof **10,885** MCF/DTESTED BY **K. C. McBride**

WITNESSED BY _____

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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