

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **June 17, 1958**

Operator El Paso Natural Gas Company		Lease Rincon Unit 118	
Location 790N, 790E; 22-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pay South Blanco Pictured Cliffs	
Casing Diameter 5-1/2"	Set At Feet 3273	Tubing Diameter 1-1/4"	Set At Feet 3226
Pay Zone Feet 3199	3239	Total Depth 3243	Shut-in 6/5/58
Stratification Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, inch .75	Choke Constant: C 12.365			
Shut-in Pressure, Casing 1030	PSIG 12	PSIA 1042	Days Shut-in 12	Shut-in Pressure, Tubing 1031
Flowing Pressure 142	PSIG 12	PSIA 154		Flowing Pressure, Flow 154
Temperature 70				Flow From Casing 1.015
				Gravity .685

CHOKED VOLUME $Q = C \times P \times F_c \times F_g \times F_v$

$Q = 12.365 \times 154 \times .9905 \times .9359 \times 1.015 \quad 1792 \quad \text{MCF/D}$

$$Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

$$\left(\frac{1087849}{1060293} \right)^n$$

$$1.0259^{.85} \times 1792 = 1.0220 \times 1792 =$$

1831 MCF/D

R. Proctor and F. Clark

Checked By **S. V. Roberts**

Lewis D. Galloway
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