

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 17, 1958

Operator El Paso Natural Gas Company		Lease Rincon Unit 119	
Location 1100S, 990W, 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 3223	Tubing Diameter 1-1/4"	Set At: Feet 3160
Pay Zone: From 3138	To 3172	Total Depth: 3233	Shut-in 5/28/58
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 1067	12 = PSIA 1079	Days Shut-In 20	Shut-In Pressure, Tubing, PSIG 1069
Flowing Pressure: P, PSIG 377	12 = PSIA 389		Working Pressure: P _w , PSIG 398
Temperature, T 72	F _g In. .85		Flow From Tubing 1,041
			Gravity .685

CHOKER VOLUME $Q = C \times P_r \times F_g \times F_v \times F_{av}$

$Q = 12.365 \times 389 \times .9887 \times .9359 \times 1.041$ **4633** MCF/D

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

$Q = \left(\frac{1168561}{1000461} \right)^n \times 1.1680^{.85} \times 4633 = 1.1410 \times 4633 =$

of **5286** MCF/D

R. Proctor and F. Clark

WITNESSED BY

Checked By: **S. V. Roberts**

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