

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 17, 1958

Operator El Paso Natural Gas Company		Lease Rincon Unit 104	
Location 1650N, 840W; 16-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At Feet 3420	Tubing Diameter 1-1/4"	Set At Feet 3370
Pay Zone Thickness 3314	Is 3364	Total Depth 3420 c/o 3385	Shut-in 5/15/58
Stimulation Method Sand Water Frac		Flow Through Casing X	

Choke Size, Inches .75	Choke Constant, C 12.365	Shut-in Pressure, Casing 1076	PSIG 1088	PSIA 44	Shut-in Pressure, Tubing 1074	PSIG 1086	PSIA 1086
Flowing Pressure, P 257	PSIG 269	Working Pressure, Pw 275	PSIG 287	PSIA 287	Flow From Tables 1.027	Gravity .685	
Temperature 70	.85						

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 269 \times 9905 \times 9359 \times 1.027$$

3167

MCF/D

$$Q = \left(\frac{P_1^2 - P_2^2}{P_0^2 - P_1^2} \right)^n$$

$$Q = \left(\frac{1183744}{1101375} \right)^n$$

$$1.0747^{.85} \times 3156 = 1.0631 \times 3156 =$$

3355

MCF/D

F. Clark and R. Proctor

Checked By: S. V. Roberts

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