

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 20, 1956

Operator El Paso Natural Gas Company		Lease Rincon # 63	
Location 990'N, 990'W, Sec. 23-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing Diameter 5$\frac{1}{2}$	Set At: Feet 3200	Tubing Diameter 2	Set At: Feet 3098
Flow Zone: From 3106	To 3140	Total Depth 3200 - c/o - 3150	
Stimulation Method Sand Water		Flow Through Casing	Flow Through Tubing X

Choke Size, inches .75		Choke Constant, C 14.1605	
Shut-In Pressure, Casing, PSIG 1015	PSIA 1027	Days Shut-In 9	Shut-In Pressure, Tubing, PSIG 1016
Flowing Pressure, Casing, PSIG 279	PSIA 291		Working Pressure, Pw, PSIG 669
Temperature, T 70			Flow From Tooleys, Gravity 684

CHOKE VOLUME $C \times P_1 \times F_1 \times F_g \times F_{pv}$

$C \ 14.1605 \times 291 \times .9905 \times .9393 \times 1.029$

3945

MCF/D

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

$$\left(\frac{1,056,784}{593,023} \right)^n$$

$$(1.7820)^{.85} \times 3945 = 1.634 \times 3945$$

6446 MCF/D

R. A. Ullrich



L. D. Galloway
L. D. Galloway

CONSERVATION COMMISSION

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