

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **April 11, 1960**

Operator El Paso Natural Gas Company		Lease Rincon Unit No. 136 (14)	
Location 1180N, 990E; 23-27-7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Undesignated	
Casing: Diameter 5"	Set At: Feet 7685	Tubing: Diameter 2	Set At: Feet 7621
Pay Zone: From 7414	To 7644	Total Depth: 7700 c/o 7629	Shut In 3/2/60
Stimulation Method Sand Oil Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .75		Choke Constant, C 12.365		7" at 7295	
Shut-In Pressure, Casing, PSIG 2336	PSIG - 12 - PSIA 2348	Days Shut-In 9	Shut-In Pressure, Tubing, PSIG 2330	PSIG - 12 - PSIA 2342	
Flowing Pressure, P, PSIG 448	PSIG - 12 - PSIA 460		Working Pressure, Pw, PSIG 1193	PSIG - 12 - PSIA 1205	
Temperature: T 72 F	F .9887	F .75	Flow From Tubing 1.068	Gravity .788	Fg .8743

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$$Q = 12.365 \times 460 \times .9887 \times .8743 \times 1.068$$

5251

MCF/D

$$\text{OPEN FLOW } A_{of} Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

$$A_{of} \left(\frac{5513104}{4061079} \right)^n$$

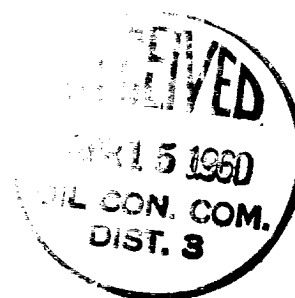
$$1.3575^{.75} \times 5251 = 1.2575 \times 5251$$

A_{of} **6603**

MCF/D

W. D. Dawson

WITNESSED BY



Lewis D. Galloway
L. D. Galloway