

OPEN FLOW TEST DATA

CORRECTED COPY **DUAL COMPLETION**
EL PASO NATURAL GAS

August
 DATE **Aug 6, 1958**

Operator El Paso Natural Gas		Lease San Juan 28-6 Unit 79 (P)	
Location 1080S, 1090W; 11-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 7-5/8	Set At: Feet 3183	Tubing Diameter 1-1/4	Set At: Feet 3041
Pay Zone From 3018	To 3068	Total Depth 5395	Shut-in 7/20/58 Flow Through Tubing
Stimulation Method Sand Water Frac.		Flow Through Casing X	

Choke (Size, P, S, etc.)		Choke Constant (C)	
.75	12.365	2" at 5252	
Choke Loss (in Casing)	PSIG	12" PSIG	Shut-in
933	945	17	
Flowing Pressure (P _w)	PSIG	12" PSIG	
89	101	93	105
Temperature (T _g)	F	Sp. Grav. (T _g)	
62	.85	1.009	.68

Initial SIPT (MV) **1029 psig**
 Final SIPT (MV) **1032 psig**

Packer at **3268**

CHOKE VOLUME $Q = C \times P \times E \times P_a \times F_{av}$

$$12.365 \times 101 \times .9981 \times 9393 \times 1.009$$

1181

MCF/D

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

$$\left(\frac{894916}{883891} \right)^n$$

$$(1.0124)^{.85} \times 1181 = 1.0105 \times 1181$$

1193

MCF/D

By **M. W. Rischard**

Witnessed by **Fred Cook (NMCCC)**

Lewis D. Galloway
 L. D. Galloway

