

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION
EL PASO NATURAL GAS

DATE **July 6, 1958**

Operator El Paso Natural Gas		Lease San Juan 28-6 Unit 79 (P)	
Location 10808, 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	Start-in 7/20/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75	Choke Constant: C 12.365	2" at 5252
Shut-In Pressure, Casing, PSIG 933	PSIG - 12 - PSIA 945	Days Shut-In 17
Shut-In Pressure, Tubing, PSIG 934	PSIG - 12 - PSIA 946	
Flowing Pressure, P, PSIG 89	PSIG - 12 - PSIA 101	Working Pressure: P _w , PSIG - 12 - PSIA 93
Temperature: T, F 62	Grav. Sp. (From Tables) .85	Grav. Sp. .68

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

Packer at 3268

CHOKE VOLUME = $Q = C \times P_c \times F_c \times F_g \times F_{pv}$

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

1181

MCF/D

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

Aof = $\left(\frac{894916}{883891} \right)^n \times (1.0124)^{.85} \times 1181 = 1.0105 \times 1181$

Aof **1193** MCF/D

TESTED BY M. W. Rischard

WITNESSED BY Fred Cook (NMOCC)



Lewis D. Galloway
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