

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **August 26, 1960**

Operator El Paso Natural Gas Co.		Lease Jones No. 1 (ONWO)	
Location 990N, 1650E; 35-29N-8W		County San Juan	State New Mexico
Formation Mesaverde		Pool Blanco MV	
Casing: Diameter 7"	Set At: Feet 4483	Tubing: Diameter 2"	Set At: Feet 5225
Pay Zone: From 4544	To 5212	Total Depth: 7445 P/B 7100	Shut In 8/14/60
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 898	PSIA 910	Days Shut-In 12	5" liner from 2725 to 7443
Flowing Pressure: P 288	PSIA 300	Working Pressure: Pw 694	Shut-In Pressure, Tubing, PSIG 902
Temperature: T 70 F	Ft .9905	Epv (From Tables) 1.032	Gravity .700
			Fg .9258

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

$$Q = 12.365 \times 300 \times .9905 \times .9258 \times 1.032$$

3510

MCF/D

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

$$\text{Aof} = \left(\frac{828100}{329664} \right)^n$$

$$2.5119^{.75} \times 3510 = 1.9930 \times 3510$$

Aof 6995

MCF/D

TESTED BY **T. B. Grant**

WITNESSED BY

RECEIVED
AUG 31 1960
EL PASO NATURAL GAS CO.
CITY OF ALBUQUERQUE, N.M.

Lewis D. Galloway
L. D. Galloway