

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 14, 1960

Operator El Paso Natural Gas Company		Lease Wright Pool Unit No. 1	
Location 1470'S, 890'E, 16-28N-9W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Aztec PC	
Casing Diameter 2-1/2"	Set At: Feet 2617	Tubing: Diameter No tubing	Set At: Feet ---
Pay Zone: From 2521	To 2560	Total Depth: 2630 c/o 2611	Shut In 11-7-60
Stimulation Method Sand/Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750	Choke Constant: C 12.365	"Slim Hole"	
Shut-In Pressure, Casing, PSIG 715	+ 12 = PSIA 727	Days Shut-In 7	Shut-In Pressure, Tubing PSIG ---
Flowing Pressure: P 125	+ 12 = PSIA 137	Working Pressure: Fw (Calc.)	+ 12 = PSIA 168
Temperature: T 62	Ft .9981	Fpv (From Tables) 1.012	Gravity 0.650 Fg .9608

CHOKE VOLUME $Q = C \times P_r \times F \times F_g \times F_{pv}$

$$Q (12.365)(137)(.9981)(.9608)(1.012)$$

1644

MCF/D

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

$$Aof \left(\frac{528,529}{500,305} \right)^n$$

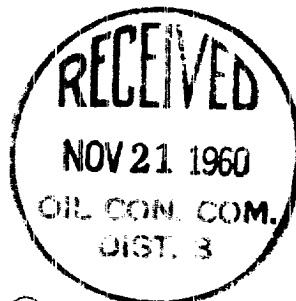
$$(1.0564)^{.88} (1644) = (1.0477) (1644)$$

Aof **1722** MCF/D

TESTED BY **Jesse B. Goodwin**

WITNESSED BY

Calculated by **R. L. Nickell**



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