

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 2, 1960

Operator El Paso Natural Gas Company	Lease San Juan 30-5 No. 32-26
Location 990N, 800E; 26-30-5	County Rio Arriba State New Mexico
Formation Mesa Verde	Pool Blanco
Casing: Diameter 7-5/8 Set At: Feet 4230	Tubing: Diameter 2" Set At: Feet 6382
Pay Zone: From 6244 To 6366	Total Depth 6454 c/o 6408 Shut In 5/21/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing X

Choke Size, Inches .75	Choke Constant: C 12.365	5-1/2 liner 4170-6454
Shut-In Pressure, Casing, PSIG 1173	12 PSIA 1185	Days Shut-In 12
Flowing Pressure: P _w PSIG (Tbg) 131	12 PSIA 143	Shut-In Pressure, Tubing, PSIG 1173
Temperature: T 64 F	F _g .9962	Working Pressure: P _w PSIG (Csg) 353
		12 PSIA 365
		F _{pv} (From Tables) 1.010
		Gravity .578 1.021

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = 12.365 \times 143 \times .9962 \times 1.021 \times 1.010$$

1816

MCF D

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

Aof $\left(\frac{1404225}{1271000} \right)^n$

$$1.1048^{.75} \times 1816 = 1.0776 \times 1816$$

Aof 1957 MCF D

TESTED BY **W. D. Dawson**

WITH SCALE



Lewis D. Galloway
L. D. Galloway