

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **March 30, 1960**

Operator El Paso Natural Gas Company		Lease Warren No. 6	
Location 8908, 1550E; 24-28-9		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Aztec	
Casing: Diameter 2-1/2"	Set At: Feet 2245	Tubing: Diameter No tubing	Set At: Feet
Pay Zone: From 2134	To 2160	Total Depth: 2248 c/o 2239	Shut In 3/19/60
Stimulation Method: Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 796	+ 12 - PSIA 808	Days Shut-In 11	Shut-In Pressure, Tubing, PSIG -
Flowing Pressure: P, PSIG 293	+ 12 - PSIA 305	Working Pressure: Pw, PSIG Calc. 368	
Temperature: T 64 F	Ft .9962	Fpv (From Tables) 1.029	Gravity .641 Fg = .9682

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

$$Q = 12.365 \times 305 \times .9962 \times .9682 \times 1.029$$

3743

MCF/D

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

$$Aof = \left(\frac{652864}{517440} \right)^n$$

$$1.2617^{.85} \times 3743 = 1.2180 \times 3743$$

$$Aof = 4559 \text{ MCF/D}$$

TESTED BY

W. D. Dawson

WITNESSED BY

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