

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 25, 1960

Operator El Paso Natural Gas Company	Lease Canyon Largo Unit No. 96
Location 1650N, 1650E; 3-24N-7W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pack Ballard PC
Casing Diameter 2-1/2 Set At Feet 2599	Tubing Diameter No tubing Set At Feet
Pay Zone From 2506 To 2522	Shut In 5/11/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing

Choke Size, Inches .75	Choke Flow Start 12.365
Shut-In Pressure, Casing 613 PSIG	PSIA 625 Days Shut-In 14
Flowing Pressure, Casing 58 PSIG	PSIA 70
Temperature 53	Flow (From Tables) 1.009
	Gravity .667 F_g .9498
	Working Pressure, Pw Calc. PSIG 86

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

$$12.365 \times 70 \times 1.0068 \times .9498 \times 1.009$$

835

MCF/D

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

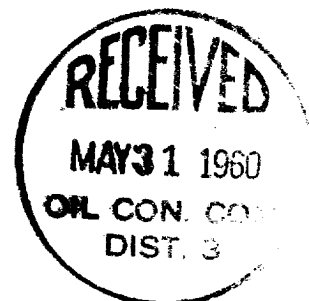
$$\left(\frac{390625}{383229} \right)^n$$

$$1.0192^{.85} \times 835 = 1.0163 \times 835$$

A = 849

MCF/D

W. D. Dawson



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