

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 16, 1960

Operator El Paso Natural Gas Company	Lease San Juan 28-5 Unit No. 40
Location 1150N, 2000E; 27-28N-5W	County Rio Arriba State New Mexico
Formation Mesaverde	Pool Blanco
Casing: Diameter 7-5/8 Set At Feet 4908	Tubing: Diameter 2" Set At Feet 5900
Pay Zone: From 5600 To 6090	Total Depth 6168 c/o 6119 Shut In 5/31/60
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 3948-6165
Shut-In Pressure, Casing, PSIG 1081	12 PSIA 1093 Days Shut-In 16	Shut-In Pressure, Tubing, PSIG 1081 12 PSIA 1093
Flowing Pressure: P, PSIG 306	12 PSIA 318	Working Pressure: Pw, PSIG 763 12 PSIA 775
Temperature: T 67 F .9933	.75	Eqv. From Tables, Gravity 1.030 .650 Fg .9608

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

$$Q = 12.365 \times 318 \times .9933 \times .9608 \times 1.030$$

3865

MCF/D

OPEN FLOW $Aof = Q \left(\frac{P_1^2 - P_w^2}{P_1^2 - P_w^2} \right)^n$

$$Aof = \left(\frac{1194649}{594024} \right)^n$$

$$2.0111^{.75} \times 3865 = 1.6880 \times 3865$$

Aof

6524

MCF/D

TESTED BY

C. R. Wagner

WITNESSED BY

Checked By

H. L. Kendrick

L. D. Galloway
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