

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE June 16, 1960

Operator El Paso Natural Gas Company	Lease Jicarilla No. 9-C
Location 1750N, 1750E; 21-25N-4W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool Undesignated
Casing Diameter 2-1/2" at At Feet 3478	Tubing Diameter No Tubing Set At Feet -
May Cased From 3408 To 3434	Total Depth 3482 c/o 3462 Shut In 6/8/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing -

Choke Size, Inches .75	Flow Constant C 12.365
Shot-In Pressure, PSIG 889	PSIG 12 PSIA 901 Flow Choke In 8
Working Pressure, P 39	PSIG 12 PSIA 51 Working Pressure, Pw Calc.
Temperature 58	Flow From Tables 1.004 Gravity .729 Fg .9097

$$\text{CHOKE VOLUME } Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$$

$$Q = 12.365 \times 51 \times 1.0019 \times .9097 \times 1.004$$

577

MCF/D

$$\text{OPEN FLOW } A = Q \left(\frac{P_1}{P_2} \right)^n$$

$$A = \left(\frac{811801}{807445} \right)^n$$

$$1.0053^{.85} \times 577 = 1.0039 \times 577$$

A = 579

MCF/D

W. D. Dawson

W. D. Dawson



L. D. Galloway
L. D. Galloway