

OPEN FLOW TEST DATA

DATE **August 11, 1958**

Operator El Paso Natural Gas		Lease Canyon Largo Unit 16	
Location 810N, 1180E; 30-25-7		State New Mexico	
Well Name Pictured Cliffs		Well Name Ballard	
Gas Flow, SCF/D 5-1/2	Set At Feet 2601	Gas Flow, SCF/D 1-1/4	Set At Feet 2509
Flow Zone From 2512	Flow Zone To 2582	c/o TD 2590	
Shut-in Date Sand Water Frac.		Shut-in Date Shut-in 8/3/58	
		Flow Through Tubing	
		X	

Choke Size, In. .75	Choke Constant, C 12.365	Pressure, PSIG 587	Pressure, PSIA 599
Flow Rate, SCF/D 587	Flow Rate, SCF/D 11	Pressure, PSIG 587	Pressure, PSIA 599
Flow Rate, SCF/D 71	Flow Rate, SCF/D 83	Pressure, PSIG 75	Pressure, PSIA 87
Temperature 64	Temperature .850	Gravity 1.009	Gravity .674

CHOKE FLOW Q₁ = Q₂ x R₁ x R₂ x F_g x F_g

$$12.365 \times 83 \times .9962 \times .9463 \times 1.009$$

976 MCF/D

$$Q = \left(\frac{P_b - P_w}{P_b - P_w} \right)^n$$

$$\left(\frac{358801}{351232} \right)^n$$

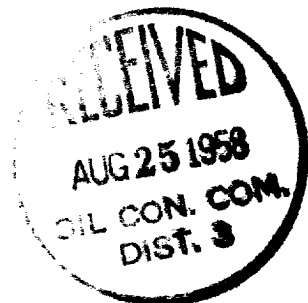
$$(1.0215)^{.85} \times 976 = 1.0182 \times 976$$

994 MCF/D

Jesse B. Goodwin

Checked By R. R. Davis

L. D. Galloway
L. D. Galloway *by J. L. K.*



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