

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 9, 1957

Operator El Paso Natural Gas Company		Lease Lindrith Unit 17-X	
Location 950'N, 1713'W, Sec. 23-24-3		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5 1/2	Set At Feet 3258	Tubing Diameter 1 1/4	Set At Feet 3176
Pay Zone: From 3173	To 3192	Total Depth 3270 - c/o 3226	
Shut-in Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Well Size, Inches 0.750	Choke Size, Inches 12.365		
Shut-in Pressure, P _{SI} 1011	PSIG 1023	Back Pressure 17	Shut-in Pressure, Tubing 1011
Working Pressure, P _W 537	PSIG 549		Working Pressure, P _W 549
Temperature, T 66	°F 0.85		Flow From Tables 1.068
			Gravity 0.721

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times P_3 \times P_4$

$$Q = 12.365 \times 549 \times .9943 \times .9129 \times 1.068$$

6581

MCF D

OPEN FLOW $Aof = Q \left(\frac{P_1^2 - P_2^2}{P_3^2 - P_4^2} \right)^n$

$$Aof = \left(\frac{1,046,529}{731,808} \right)^n \times 1.4300^{.85} \times 6581 = 1.3550 \times 6581$$

Aof 8,917 MCF D

S. V. Roberts

A. INEQUITY



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