

OPEN FLOW TEST DATA

DATE **October 7, 1958**

Operator LaPlata Gathering System Inc.		Foster No. 1	
Location 1730N, 935E; 7-25-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Undesignated	
Casing Diameter 5-1/2	Set At, Feet 2415	Casing Diameter 1"	Set At, Feet 2357
Pay Zone From 2276	To 2378	Total Depth 2416 c/o 2385	Shut in 7/29/58
Stimulant or Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches		Choke Constant, C	
Shut-In Pressure, Casing, PSIG 663	12 PSIA 675	Casing Shut-In 70	Shut-In Pressure, Tubing, PSIG 664
Flowing Pressure, P, PSIG Pitot Gage 4.0" H₂O	12 PSIA		Working Pressure, Pw, PSIG 5
Temperature, T, °F 65			Gravity 17
	.85		660

CHOKE VOLUME = $Q = C \times P_1 \times F_1 \times F_2 \times F_3$ Q Pitot gage 4.0" H₂O through 2" nipple

236

MCF/D

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_1}{P_c - P_w} \right)^n$$

$$A_{of} = \left(\frac{456976}{456687} \right)^n \quad 236(1.0006)^{.85} = 236 \times 1.0005$$

A_{of} 236 MCF/D

M. W. Rischard

Virgil Stoabs (B.M.G.)



Lewis D. Galloway
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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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