

OPEN FLOW TEST DATA

DATE **October 7, 1958**

Operator LaPlata Gathering System Inc.		Lease Foster No. 2	
Location 1580N, 1845W; 7-25-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard	
Casing Diameter 5-1/2	Set Ann. Feet 2448	Tubing Diameter 1"	Set Ann. Feet 2412
Flow Zone: From 2313	To 2392	Total Length 2449 e/o 2412	Shut in 8/2/58 Flow Through Tubing
Stimulation Method Sand Water Frac.		Flow Efficiency X	

Choke Size, In. .75	Pressure Drop 12.365	Shut-in Pressure, Casing 655	PSIG	12	PSIA	667
Shut-in Pressure, Casing 655	PSIG	12	PSIA	667	Flowing Pressure, Casing 13	PSIG
Flowing Pressure, Casing 13	PSIG	12	PSIA	25	Flowing Pressure, Tubing 13	PSIG
Temperature, °F 62	Gravity .85	Flow Efficiency 1.004	Gravity .660			

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$$Q = 12.365 \times 25 \times .9981 \times .9535 \times 1.004$$

295 MCF/D

OPEN FLOW $Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^{.85}$

$$Q = \left(\frac{444889}{444264} \right)^{.85}$$

$$295(1.0014)^{.85} = 295 \times 1.0012$$

295 MCF/D

M. W. Rischard

Virgil Stoabs (B.M.G.)



Lewis D. Galloway
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OIL CONSERVATION COMMISSION

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