

OPEN FLOW TEST DATA

DATE **June 19, 1959**

Operator C. L. McMahon	Lease Floyd Koon No. 1
Location 990S, 990E; 14-25-2	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Bed Gavilan
Casing Diameter 7 Set At Feet 3425	Tubing Diameter 1 Set At Feet est. 3460
Pay Zone 3425	Total Depth 3525 c/o 3490
Stimulant or Well Shot 1 (N.G.)	Flow Through Tubing X

Choke Size, Inches .75	Choke Diameter 12.365
Shut-In Pressure, Casing 977 PSIG 989 PSIA	Shut-In Pressure, Tubing 942 PSIG 954 PSIA
Flowing Pressure, P 47 PSIG 59 PSIA	Working Pressure, Pw 48 PSIG 60 PSIA
Temperature, T 55	Flow From Test 1.004 Gravity .675
	7 years

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

$$12.365 \times 59 \times 1.0048 \times .9427 \times 1.004$$

694

MCF/D

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

$$\left(\frac{978121}{974521} \right)^n$$

$$1.0036^{.85} \times 694 = 1.0031 \times 694$$

Act **696** MCF/D

S. V. Roberts



Lewis D. Galloway
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