

TELEPHONE RECORDING COMPANY
OPEN FLOW TEST DATA

DATE August 20, 1956

Operator San Juan Gas Corporation		Lease Federal # 24-D	
Location 870'S, 865'E, Sec. 24-25-2		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool Wildcat	
Casing Diameter 4½	Set At Feet 3609	Tubing Diameter No tubing run	Set At Feet
Perforation Depth 3505	To 3527	Total Depth 3652	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 0.750	Choke Constant, C 14.1605		
Shut-In Pressure, Casing 974	PSIG 12 PSIA 986	Days Shut-In 7	Shut-In Pressure, Tubing No tubing run
Flowing Pressure, C 266	PSIG 12 PSIA 278		Working Pressure, F Calculated
Temperature, C 60	F 0.850	Flow From Tables 1.025	Gravity 0.630

CHOKE VOLUME $Q = C \times P_r \times F_c \times F_g \times F_{ov}$

$14.1605 \times 278 \times .9759 \times 1.025$

3938

MCF/D

$$Q = A \left(\frac{P_r}{P_c - P_r} \right)^n$$

$$\left(\frac{972,196}{889,252} \right)^n$$

$$1.0933^{.85} \times 3938 = 1.0787 \times 3938$$

Act 4248

MCF/D

Tom Grant

Ed Bennett, San Juan Gas Corp.



L. D. Galloway
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