

OPEN FLOW TEST DATA

DATE August 24, 1963

Operator E. L. Fundingsland	Lease Sunico No. 17
Location SW ₄ Sec. 23-T24N-R2W	County Rio Arriba
Formation Pictured Cliffs	State New Mexico
Casing Diameter 4 1/2	Pool South Planco PC
Set At Feet 3268	Tubing Diameter 1 1/4
Play Zone From 3204	Set At Feet 3185
To 3214	Total Depth 3286
Stimulation Method Sand-water Frac	Flow Through Casing X
	Flow Through Tubing X

Choke Size, inches 0.750	Choke Constant 12.365
Shut-In Pressure, Casing, PSIG 560	PSIG 572
Flowing Pressure, P, PSIG 135	PSIG 147
Temperature 42 F	1.0178
	.85
Shut-In Pressure, Tubing, PSIG 561	PSIG 573
Working Pressure, Pw, PSIG 181	PSIG 193
Pw (From Tables) 1.011	Gravity .670
	.9463

CHOKE VOLUME: $Q = C \times P \times F \times F_v \times F_g$

2

1770

MCF

$$Q = A_0 \left(\frac{P_1^2 - P_2^2}{P_0^2 - P_2^2} \right)^{1/n}$$

$$A_0 \left(\frac{327,184 - 280,935}{1,1284 - 1,025} \right)^{1/n}$$

1.1284 - 1.025

A₀ 1951

MCF/D



Witnessed by Bryan

Witnessed by

J. A. Cole