

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **October 2, 1959**

Operator El Paso Natural Gas Company	Lease Tonkin Federal No. 2
Location 8008, 900W; 17-24-3	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool South Blanco
Casing Diameter 5-1/2 Set At Feet 3132	Tubing Diameter 1-1/4 Set At Feet 3094
Pay Zone From 3048 To 3098	Total Depth c/o 3110
Stimulation Method Sand Water Frac.	Flow Through Tubing X
	Shut In: 9/25/59

Choke Size, inches .75	Choke Constant 12.365	Shut-in Pressure, T 963	PSIG 975	PSIA 7	Working Pressure 964	PSIG 976	PSIA 96
Flowing Pressure, F 50	Flowing Pressure, F 62	Flowing Pressure, F 84	Flowing Pressure, F 84	Flowing Pressure, F 84	Flowing Pressure, F 84	Flowing Pressure, F 84	Flowing Pressure, F 84
Temperature, T 54	Temperature, T .850	Temperature, T 1.007	Temperature, T 1.007	Temperature, T 1.007	Temperature, T 1.007	Temperature, T 1.007	Temperature, T .631

CHOKE VOLUME $Q = C \times R \times F \times P_s \times F_{pv}$

$Q = 12.365 \times 62 \times 1.0058 \times .9759 \times 1.007$

758

MCF/D

OPEN FLOW $Q = C \left(\frac{P^2 - P_a^2}{P_s^2 - P_a^2} \right)^n$

$Q = \left(\frac{952576}{943360} \right)^n$

$1.0097^{.85} \times 758 = 1.0082 \times 758$

Adf **764** MCF/D

Checked By **Frank Clark**

Witnessed By

Checked By **T. B. Grant**



Lewin D. Galloway
L. D. Galloway

