

EL PASO NATURAL GAS CO. (PACIFIC) OPEN FLOW TEST DATA

July 7, 1960

Operator El Paso Natural Gas		Lease Tonkin Federal No. 3	
Location 1470N, 1750E; 18-24N-3W		County Rio Arriba State New Mexico	
Formation Pictured Cliffs		Pay South Blanco PC	
Casing Diameter 5-1/2"	Set At Feet 3134	Tubing Diameter 1-1/4"	Set At Feet 3057
Pay Zone From 3040	To 3100	Total Depth 3135 c/o	Shut-In 6/12/60
Stimulation Method Sand Water Frac.		Flow Through Casing X Flow Through Tubing	

Choke Size, Inches .75		Choke Constant 12.365	
Shut-In Pressure Casing 976	PSIG 112 PSIA 988	Days Shut-in 25	Shut-In Pressure Tubing 976
Flowing Pressure P 94	PSIG 112 PSIA 106		Working Pressure P _g 100
Temperature T 58			Flow From Tubing 1.011
Pt = 1.0019	.85		.695 Pg = .9292

CHOKE VOLUME $Q = C \times R \times F_c \times F_g \times F_v$

$$12.365 \times 106 \times 1.0019 \times .9292 \times 1.011$$

1234

MCF/D

OPEN FLOW $Aof = Q$

$$\left(\frac{C}{P_b} \right)^n$$

$$\left(\frac{976144}{963600} \right)^n$$

$$1.0130^{.85} \times 1234 = 1.0110 \times 1234$$

Aof

1248

MCF/D

TESTED BY **D. Mortensen**

WITNESSED BY

Checked By **Bob Mickell**



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