

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **August 12, 1960**

Operator El Paso Natural Gas Co.	Lease San Juan 32-9 No. 79
Location 1227N, 1090E; 17-32N-9W	County San Juan State New Mexico
Formation Mesaverde	Pay Blanco MV
Casing: Diameter 7-5/8 Set At: Feet 4017	Tubing: Diameter 2" Set At: Feet 6134
Pay Zone: From 6010 To 6148	Total Depth 6264 c/o 6195 Shut In Re-SI 7/30/60 7/23/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing X

Choke Size, Inches .75	Choke Constant 12.365	5-1/2" liner from 3954 to 6261
Shut-In Pressure, Casing, PSIG 1008	PSIG 12 PSIA 1020	Shut-In Pressure, Tubing, PSIG 1008
Flowing Pressure: P _w , PSIG 160	PSIG 12 PSIA 172	Working Pressure: P _w , PSIG 436
Temperature: T 72 F	.9887	Flow From Tubing, Gravity 1.017
	.75	.670 Fg .9463

CHOKE VOLUME $Q = C \times R \times F_c \times F_g \times F_{gv}$

$$12.365 \times 172 \times .9887 \times .9463 \times 1.017$$

2024

MCF/D

OPEN FLOW $A_{of} = Q \left(\frac{P_r^2}{P_w^2} \right)^n$

$$A_{of} = \left(\frac{1040400}{839696} \right)^n$$

$$1.2390^{.75} \times 2024 = 1.174 \times 2024$$

$$A_{of} = 2376 \text{ MCF/D}$$

TESTED BY **Frank Clark**

WITNESSED BY

Checked By **Bob Nickell**



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