

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **December 19, 1959**

Operator El Paso Natural Gas Company		Lease Vaughn No. 7	
Location 7908, 800W; 26-26-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 2665	Tubing: Diameter 1-1/4	Set At: Feet 2566
Pay Zone: From 2586	To 2638	Total Depth: 2667 g/o 2650	Shut In 12/12/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 865	12 - PSIA	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 865
Flowing Pressure: P 62	12 - PSIA	Working Pressure: Pw 86	PSIG 12 - PSIA 98
Temperature: T 57 F	n Ft 1.0029	Fpv (From Tables) 1.009	Gravity .650
	.85		Fg = .9608

CHOKE VOLUME $Q = C \times P_t \times F_t \times F_g \times F_{pv}$

$$Q = 12.365 \times 74 \times 1.0029 \times .9608 \times 1.009 = 889 \text{ MCF/D}$$

$$\text{OPEN FLOW } Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{769109}{759525} \right)^n \quad 1.0126^{.85} \times 889 = 1.0107 \times 889$$

$$Aof = 899 \text{ MCF/D}$$

TESTED BY **Frank M. Clark**Checked By **S. V. Roberts**

L. D. Galloway
L. D. Galloway by TGG

Mr. Carlos Rodriguez

No. 100-100000-100000

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the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 30 million, and the number of people 75 years of age or older is projected to increase from 10 million to 15 million (U.S. Census Bureau, 1996).

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