

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **September 9, 1959**

Operator El Paso Natural Gas Company		Lease Canyon Largo No. 76	
Location 1750N, 990E; 17-24-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Canyon Largo	
Casing: Diameter 5-1/2	Set At: Feet 2177	Tubing: Diameter 1-1/4	Set At: Feet 2122
Pay Zone: From 2062	To 2140	Total Depth 2177 c/o 2160	Shut In: 9/1/59
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 629	PSIA 641	Days Shut-In 8	Shut-In Pressure, Tubing, PSIG 599
Flowing Pressure: P, PSIG 80	PSIA 92	Working Pressure: P _w , PSIG 90	PSIA 102
Temperature: T 62		F _{pv} (From Tables) 1.011	Gravity .667

CHOKE VOLUME = Q = C × P_i × F_i × F_g × F_{pv}

$$Q = 12.365 \times 92 \times .9981 \times .9498 \times 1.009 = 1090 \text{ MCF/D}$$

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

$$Aof = \left(\frac{410881}{400477} \right)^n \quad 1.0259^{.85} \times 1090 = 1.0220 \times 1088$$

$$Aof = 1114 \text{ MCF/D}$$

TESTED BY Jesse B. Goodwin

WITNESSED BY _____

Checked By W. D. Dawson

Lewis D. Galloway
L. D. Galloway



COMMISSION

OFFICE

Age Group	1990	1995	2000	2005
0-14	18	16	14	12
15-24	15	22	18	15
25-34	12	18	25	18
35-44	10	15	28	20
45-54	8	12	30	22
55-64	6	10	32	24
65-74	4	8	35	26
75+	2	6	38	28

1000

1990

2025-2026-2027

4263

Transportation

14-00000