

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 3, 1969

Operator El Paso Natural Gas Co.		Lease Canyon Largo Unit No. 151	
Location 1750 N, 800 W, S1-T25N- R6W		County Rio Arriba	State New Mexico
Formation Chacara		Pool Otero	
Casing: Diameter 8.75	Set At: Feet 3900	Tubing: Diameter no tubing	Set At: Feet
Pay Zone: From 3756	To 3942	Total Depth: 3900	Shut In 10-23-69
Stimulation Method S W F		Flow Through Casing no	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		tubular completion	
Shut-In Pressure, Casing, PSIG 912	+ 12 = PSIA 924	Days Shut-In 11	Shut-In Pressure, Tubing PSIG no tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 87	+ 12 = PSIA 99		Working Pressure: P _w PSIG Calc	+ 12 = PSIA 110	
Temperature: T=56 °F	n = F _t =1.0039		F _{pv} (From Tables) 1.001	Gravity .650	F _g = .9608

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

$$Q = 12.365 \times 99 \times 1.0039 \times .9608 \times 1.009 = 1191 \text{ MCF/D}$$

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

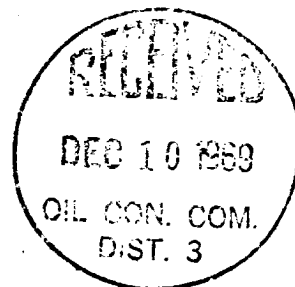
Note: Blew light mist of water and
distillate throughout test.
Corrected Copy.

$$Aof = \left(\frac{853776}{836394} \right)^n = (1.0201)^{.75} 1191 = (1.0150) 1191$$

$$Aof = 1209 \text{ MCF/D}$$

TESTED BY BJB

WITNESSED BY _____



[Handwritten signature]