

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE August 28, 1958

Operator El Paso Natural Gas		Lease Sanchez No. 1-A	
Location 11808, 1840W; 20-26-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 5-1/2	Set At: Feet 2990	Tubing Diameter 1-1/4"	Set At: Feet 2958
Pay Zone: From 2961	To 2979	Total Depth: 3003 c/o 2990	Shut-in 7/21/58
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 838	PSIA 12	Days Shut-In 38	Shut-In Pressure, Tubing PSIG 839
Flowing Pressure: P PSIG 87	PSIA 12		Working Pressure: P _w PSIG 92
Temperature T F 61			Gravity .662

CHOKE VOLUME = Q = C x P_s x F_c x F_g x F_{pv}

$$Q = 12.365 \times 99 \times .9990 \times .9539 \times 1.009$$

1177 MCF/D

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

$$Aof = \left(\frac{724201}{713385} \right)^n = 1.0151^{.85} (1177) = 1.0128 (1177)$$

Aof 1192 MCF/DTESTED BY Frank Clark

WITNESSED BY _____

Checked By H. L. Kendrick

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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