

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE September 23, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla No. 9-H	
Location 990'N, 1650'W, Sec. 8-24-4		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated Po. Blancos. left	
Casing: Diameter 5-1/2	Set At: Feet 2843	Tubing: Diameter 1-1/4	Set At: Feet 2788
Pay Zone: From 2247	To 2820	Total Depth: 2844 - c/o 2825	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75		Choke Constant: C 12.365			
Shut-In Pressure, Casing, PSIG 890	- 12 = PSIA 902	Days Shut-In 16	Shut-In Pressure, Tubing PSIG 890	- 12 = PSIA 902	
Flowing Pressure: P PSIG 23	- 12 = PSIA 35		Working Pressure: P _w PSIG 39	- 12 = PSIA 51	
Temperature: T °F 62	n = .85		F _{pv} (From Tables) 1.004	Gravity .695	

$$\text{CHOKE VOLUME} = Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$$

$$Q = 12.365 \times 35 \times .9981 \times .9292 \times 1.004 = \underline{403} \text{ MCF/D}$$

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

$$A_{of} = \left(\frac{813,604}{811,003} \right)^n \times 1.0032^{.85} \times 403 = 1.0027 \times 403$$

$$A_{of} = \underline{404} \text{ MCF/D}$$

TESTED BY R. A. UllrichWITNESSED BY Virgil Stoabs (J. Glenn Turner)

L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

IN THE DISTRICT OF

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2007

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthal and Whaley (1974). The total chlorophyll content was determined by the method of Arar and Cook (1980). The carotenoid content was determined by the method of Lichtenthal and Whaley (1974). The total carotenoid content was determined by the method of Arar and Cook (1980). The total protein content was determined by the method of Lowry et al. (1951). The total lipid content was determined by the method of Bligh and Dyer (1959). The total carbohydrate content was determined by the method of Dubois and Gilles (1950). The total nucleic acid content was determined by the method of Burton (1956). The total ash content was determined by the method of AOAC (1970). The total water content was determined by the method of AOAC (1970). The total dry weight was determined by the method of AOAC (1970). The total organic matter content was determined by the method of AOAC (1970). The total inorganic matter content was determined by the method of AOAC (1970). The total mineral content was determined by the method of AOAC (1970). The total nutrient content was determined by the method of AOAC (1970). The total quality index was determined by the method of AOAC (1970).

1990

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[illegible]

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them. The list includes names such as "Mr. J. H. Smith", "Mr. W. B. Jones", and "Mr. C. D. Brown".