

EL PASO NATURAL GAS DIVISION OPEN FLOW TEST DATA

DATE **December 23, 1958**

Operator El Paso Natural Gas		Lease Jicarilla No. 9-B	
Location 1540S, 1800W; 28-25-4		County Rio Arriba	State New Mexico
Form Pictured Cliffs		Pool South Blanco P.C.	
Casing Size 5-1/2	Set At: Feet 3268	Tubing Size 1-1/4	Set At: Feet 3194
Pay Zone 3190	Is 3210	Total Length 3280 c/o 3224	Shut in 12/8/58
Strat. Formation Sand Water Frac.		Flow Through Tubing X	

Choke Size, Inches .75	Choke Constant, C 12.365		
Shut-in Pressure, Casing, PSIG 889	12 = PSIA 901	Days Shut-in 15	Shut-in Pressure, Tubing, PSIG 889
Flowing Pressure, P, PSIG 341	12 = PSIA 353		Working Pressure, Pw, PSIG 362
Temperature, F 60			Flow Through, gals/hr 1.044
	.85		Gravity .718

CHOKE VOLUME = $Q = C \times P_1 \times F_1 \times F_2 \times F_{av}$

$Q = 12.365 \times 353 \times 1.000 \times .9161 \times 1.044 = 4175$ MCF/D

OPEN FLOW Act = $Q \left(\frac{P_1^2}{P_1^2 - P_w^2} \right)^n$

Act = $\left(\frac{811801}{671925} \right)^n \times 1.2081^{.85} \times 4175 = 1.1745 \times 4175$

Act **4904** MCF/D

TESTED BY **M. W. Rischard**

WITNESSED BY



L. D. Galloway
L. D. Galloway
by *J. P. K.*

OIL COMPANY AND PETROLEUM COMMISSION

100-443887-100

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1. *Chlorophyll a* (Chl *a*)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.