

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **January 16, 1963**

Operator El Paso Natural Gas Company	Lease Calloway Pool Unit No. 1 (OWHO)
Location 990'N, 1750'E, Sec. 27-31-11	County San Juan State New Mexico
Formation Mesa Verde	Flow Blanco
Flowing Pressure 7.000	Tubing Pressure 2.375
Shut-In Pressure 4586	Total Depth 4890
Set At Feet 4550	Shut-In 1-5-63
Flow Through Basing Sand/Water Frac.	Flow Through Tubing X

Stroke Size, inches .75	Stroke Constant 12.365	4-1/2" Liner 4422 - 4872
Working Pressure, tubing 891	Flowing Pressure, tubing 891	PSIG 12 PSIA 903
Flowing Pressure, P 301	Working Pressure, P _w 659	PSIG 12 PSIA 671
Length, ft 64	Eqv. From Tables 1.031	Gravity .650 Fg .9608
.9962	.75	

WORKING PRESSURE = Q (C x P_w x F_g x F_v)

$$Q = (12.365)(313)(.9962)(.9608)(1.031)$$

3819 MCF D

$$Q = A \left(\frac{P^2}{P_w^2} \right)^n$$

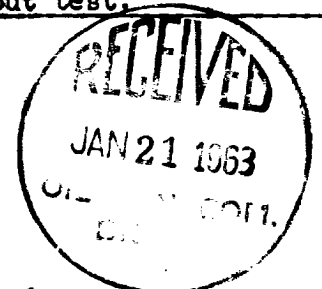
$$A = \left(\frac{815,409}{365,168} \right)^n \quad (2.2329)^{.75}(3819) = (1.8280)(3819)$$

NOTE: Blew a light fog of distillate and water throughout test.

Act 6981 MCF D

C. E. Wagner

Checked by ~~W. D. Dawson~~ W. D. Dawson



Lewis D. Calloway
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