

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **October 15, 1958**

Company El Paso Natural Gas Company		Lease Saunders No. 1	
Location 890S, 990E; 25-26-6		County Rio Arriba	State New Mexico
Structure Pictured Cliffs		Pool South Blanco PC	
Flowing Casing 5-1/2	Set At Feet 2940	Tubing Diameter 1-1/4	Set At Feet 2910
Flowing Tubing 2876	2930	Total Depth 2940	Shut in 8/25/58
Flowing Casing Sand Water Frac.		Flowing Tubing X	Flowing Tubing

Stroke Constant C .75		Stroke Constant C 12.365	
Static Pressure 957	PSIG 969	Static Pressure 957	PSIG 969
Flowing Pressure 244	PSIG 256	Flowing Pressure 259	PSIG 271
Temperature 64	.85	Temperature 1.026	Gravity .662

CHECKED VOLUME $Q = C \times P \times F \times F_g \times F_v$

$$12.365 \times 256 \times .9962 \times .9535 \times 1.026$$

3085 MCF/D

$$P_w = P_{wf} \left(\frac{P_{wf}}{P_{wf} - P_w} \right)^n$$

$$\left(\frac{938961}{865520} \right)^n$$

$$3085 (1.0848)^{.85} = 3085 \times 1.0716$$

3306

D. Mortensen

Checked By H. L. Kendrick



Lewis D. Galloway
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OIL CONSERVATION COMMISSION

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