

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 20, 1958

Operator El Paso Natural Gas Company	Lease Sunray No. 2-E
Location 1650'S, 990'W, Sec. 9-30-10	County San Juan State New Mexico
Formation Mesa Verde	Pool Blanco Mesa Verde
Casing Diameter 7-5/8 Net At Feet 3194	Tubing Diameter 2" Net At Feet 5344
Pay Zone 5232	Total Depth 5385
Stimulation Method Sand Water Frac.	Flow Through Tubing X

Choke Size (inches) 0.75	Choke Constant (C) 12.365	5-1/2" liner. 3162 - 5426
Shut-in Pressure (psig) 856	Shut-in Pressure (psia) 868	Shut-in Pressure (Tubing) 856
Flowing Pressure (psig) 273	Flowing Pressure (psia) 285	Working Pressure (Flow) 648
Temperature (F) 47	Temperature (F) 75	Flow From Tubing 1.036
		Gravity 0.682

CHOKE VOLUME: $C \times R \times F_1 \times F_2 \times F_3$

$$C \ 12.365 \times 285 \times 1.0127 \times .9393 \times 1.036$$

3473

M.C.D.

OPEN FLOW: $Q = \left(\frac{C \times R}{L} \right)^n$

$$\left(\frac{12.365 \times 285}{5344} \right)^n$$

$$\left(\frac{12.365 \times 285}{3162} \right)^n$$

$$2.3705^{.75} \times 3473 = 1.9110 \times 3473$$

6637 M.C.D.



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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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