

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **December 28, 1962**

Company El Paso Natural Gas Company		Lease Blanco Dev. 30-8 No. 1	
Location 1020'N, 1500'E, Sec. 36-30-8		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 7.000	Set At Feet 3050	Tubing Diameter 2.375	Set At Feet 5010
Pay Zone From 5027	To 5070	Total Depth 5160	Shut In 12-13-62
Stimulation Method Sand/Water Frac.		Flow Through Casing	Flow Through Tubing X

Drake Size, Inches .75	Drake Constant, C 12.365	4.500 Liner 2928' to 5158'.
Shut-In Pressure, PSIG 950	PSIG 12" PSIA 962	Shut-In Pressure, PSIG 950
Flowing Pressure, PSIG 284	PSIG 12" PSIA 296	Working Pressure, PSIG 866
Temperature 68	.9924	Gravity .660
	.75	1.029
		.9535

Flow Rate, Q (MCF/D) = $Q \times \left(\frac{P_{wf} - P_{res}}{P_{wf} - P_{res}} \right)^n$

$$Q = (12.365)(296)(.9924)(.9535)(1.029)$$

3564

MCF/D

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

$$Q = \left(\frac{925,444}{154,560} \right)^n$$

$$(5.9876)^{.75}(3564) = (3.8200)(3564)$$

Q = 13,614

MCF/D

NOTE: Made light spray of distillate throughout test.

Checked by
~~W. D. Dawson~~
R. F. Headrick
W. D. Dawson

RECEIVED
JAN 2 1963
OIL CON. COM.
DIST. 3
Lewis D. Galloway
Lewis D. Galloway