

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 5, 1960

Operator El Paso Natural Gas Company	Lease San Juan 27-5 Unit No. 51 (P)
Location 1660S, 1660W; 28-27-5	County Rio Arriba State New Mexico
Format Pictured Cliffs	Pool Undesignated
Casing Depth 7-5/8 Set At Feet 3355	Test Interval 1-1/4 Set At Feet 3244
Pay Zone 3192	Shut In 4/19/60
Stimulation Method Sand Water Frac.	Flow Through Casing X

Shut In Pressure 999 (PC)	Pressure 1011	Days Test In 16	Guiberson "Shorty" Packer at 3378
Working Pressure 63	Pressure 75	Working Pressure 72	PSIG 1011
Temperature 56	Pressure 1.0039	Pressure .85	PSIG 84
			Flow From Tables 1.009
			Flow .650
			Flow .9608

Initial SIPT (MV) = 1097 psig
Final SIPT (MV) = 1098 psig

CHOKED VOLUME $Q = C \times R \times F \times F_p \times F_v$

$$Q = 12.365 \times 75 \times 1.0039 \times .9608 \times 1.009$$

903

MCF/D

OPEN FLOW $Q = \left(\frac{1022121}{1015065} \right)^n$

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$$1.0069^{.85} \times 903 = 1.0059 \times 903$$

ACT 908

MCF/D

Checked By **D. Mortensen**

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