

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE August 31, 1962

Operator El Paso Natural Gas Company		Lease San Juan Unit 28-5 No. 55	
Location 1800'S, 1020'W, Sec. 23, T-28-N, R-5-W		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 5.0	Set At Feet 6393	Tubing Diameter 2.375	Set At Feet 6307
Flow Through Casing 5822	To 6278	Total Depth 6400	Shut-in 8-18-62
Perforation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Stroke Size, Inches .750	Stroke Constant, C 12.365	Shut-in Pressure, Tubing 1104	PSIG 1116
Working Pressure, Casing 1103	PSIG 1115	Working Pressure, Pw 770	PSIG 782
Flow Through Casing 306	PSIG 318	Flow Through Tubing 1.033	PSIG .670
Temperature 68	.9924	.75	.9463

CHECKING FORM: $Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$

$$Q = (12.365)(318)(.9924)(.9463)(1.033)$$

3814

MCF/D

$$Q = \left(\frac{P_1^2 - P_2^2}{P_3^2 - P_4^2} \right)^n$$

$$Q = \left(\frac{1,245,456}{633,932} \right)^n$$

$$(1.9646)^{.75} (3814) = (1.6598)(3814)$$

NOTE: Well blew heavy spray of water and distillate.

Act 6330

MCF/D

Dannie R. Roberts

Witnessed by

Calculated by Tom B. Grant

Checked by W. D. Dawson



Lewis D. Galloway
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