

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 28, 1962

El Paso Natural Gas Company		Lease Rincon No. 139	
1650'S, 1650'W, Sec. 25-27-7		County Rio Arriba	State New Mexico
Dakota		Basin	
Well Diameter 4.500	Set At Feet 7621	Tubing Diameter 2.375	Set At Feet 7521
Well Depth 7352	To 7537	Total Depth 7617	Shut In 12-18-62
Flow Through Casing		Flow Through Tubing X	
Sand Water Frac.			

Choke Constant C	12.365	Days Shut In	10	Shut-In Pressure, Tubing PSIG	1698	PSIA	1710
Flow Through Casing	2548	Flow Through Tubing	2560	Working Pressure, PW PSIG	771	PSIA	786
Flow Through Casing	190	Flow Through Tubing	202	Flow From Tables	1.019	Grav.	.9463
Temperature	77	Grav.	.9840				.75

$$Q = C \times P_1 \times F_1 \times F_2 \times F_3$$

$$Q = (12.365)(202)(.9840)(.9463)(1.019)$$

2370

MCF/D

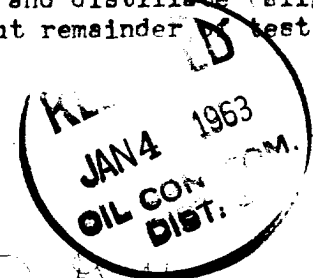
$$Q = C \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

$$Q = \left(\frac{6,553,600}{5,935,804} \right)^n (2370)(1.1040)^{.75} = (2370)(1.0770)$$

NOTE: Unloaded large slug of water and distillate 1/2 minutes after opening well. Blew heavy spray of water and distillate (slightly oily) throughout remainder of test.

At 2552 MCF/D

Dannie Roberts



Calculated by W. D. Dawson

Checked by Tom B. Grant

Lewis D. Galloway
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