

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 30, 1962

Operator El Paso Natural Gas Company	Lease Blanco Development 27-9 No. 5
Location 960'N, 1640'E, Sec. 2-27-9	County San Juan State New Mexico
Field Mesa Verde	Pack Blanco
Well Depth 7.000 Set At Feet 4417	Tubing Diameter 2.375 Set At Feet 4538
Well Diameter 4514	Total Depth 4687
Flow Through Wellbore Sand Water Frac.	Flow Through Casing 12-20-62
	Flow Through Tubing X

Wellhead Pressure .75	Flow Constant 12.365	Wellhead Pressure, Tubing 920	PSIG 12	PSIA 932
Wellhead Pressure, Tubing 919	Flow Constant 931	Wellhead Pressure, Tubing 920	PSIG 12	PSIA 932
Wellhead Pressure, Tubing 350	Flow Constant 362	Wellhead Pressure, Tubing 751	PSIG 12	PSIA 763
Wellhead Pressure, Tubing 75	Flow Constant .9859	Wellhead Pressure, Tubing 1.042	PSIG 12	PSIA .725
				.9097

Flow Constant = $Q \times P_w \times F \times E \times E_v$

$$Q = (12.365)(362)(.9859)(.9097)(1.042)$$

4,183

MCF/D

$$Q = \left(\frac{P_w^2 - P_e^2}{P_w^2 - P_e^2} \right)^n$$

$$Q = \left(\frac{868,624}{286,455} \right)^n (4183)(3.0323)^{.75} - (4183)(2.2970) =$$

NOTE: Well unloaded water and distillate 3 min. after opening. Well surged next 20 min. Blew a heavy spray of water & distillate remainder of test.

9608

MCF/D

Dannie R. Roberts

Checked by W. D. Dawson

