

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **November 24, 1958**

Operator El Paso Natural Gas		Lease Cuccia State No. 4	
Location 1840N, 1180E; 32-27-8		County San Juan	State New Mexico
Property Mesa Verde		Blanco	
Flow Line Size 7-5/8"	Set At Feet 4814	Tubing Diameter 2"	Set At Feet 5087
Flow Line Depth 4952	5088	Total Depth 5173 c/o 5131	Shut in 11/15/58
Flow Through Tubing Sand Water Frac.		Flow Through Tubing X	

Choke Size (Inches) .75	Choke Constant (C) 12.365	5-1/2 liner 4765 - 5179	
Injection Pressure (PSIG) 1018	PSIA 1030	Injection Pressure (PSIG) 933	PSIA 945
Injection Pressure (PSIG) 180	PSIA 192	Injection Pressure (PSIG) 488	PSIA 500
Temperature (F) 61	.75	Flow From Tables 1.017	Gravity .635

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

$$Q = (12.365) (192) (.9990) (.9721) (1.017)$$

2345

MCF/D

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

$$Q = \left(\frac{1,060,900}{810,900} \right)^n$$

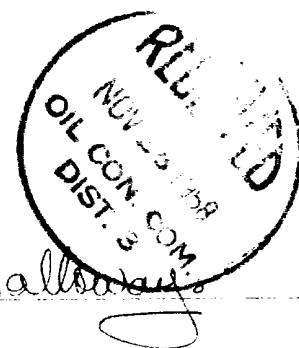
$$(1.3082)^{.75} (2345) = (1.2234) (2345)$$

2869 MCF/D

Unloaded stream of heavy yellow oil in 3 minutes. Blew dense water vapor throughout test.

S. V. Roberts

Lewis D. Galloway
L. D. Galloway



CONSERVATION COMMISSION

DISTRICT OFFICE

Received 3

THE

1

1

1

✓