

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **October 30, 1958**

Operator El Paso Natural Gas		Lease Jicarilla 11-G	
Location 560S, 560W; 13-26-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pay Undesignated	
Casing Diameter 5-1/2	Set At Feet 3376	Tubing Diameter 1-1/4	Set At Feet 3317
Pay Zone Thickness 3271	3321	Total Depth c/o 3327	Shut in 10/13/58
Stratification Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, Inches .75	Choke Constant, C 12.365	Shut-in Pressure, PSIG 1045	PSIG 12 PSIA 1057	Days Shut-in 17	Shut-in Pressure, PSIG 1045	PSIG 12 PSIA 1057
Flowing Pressure, PSIG 238	PSIG 12 PSIA 250	Temperature, °F 61	Flowing Pressure, PSIG 248	PSIG 12 PSIA 260	Working Pressure, PSIG 248	PSIG 12 PSIA 260
	.85				Flow Through Tubing 1.024	Gravity .658

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times P_2 \times F_2 \times F_{GV}$

$$Q = 12.365 \times 250 \times .9990 \times 9571 \times 1.024$$

3027

MCF/D

OPEN FLOW

$$\left(\frac{P_1^2 - P_2^2}{P_1^2 - P_A^2} \right)^n$$

$$\left(\frac{1117249}{1049649} \right)^n$$

$$1.0644^{.85} (3027) = 1.0546 (3027)$$

A =

3192

MCF/D

TESTED BY

S. V. Roberts

WITNESSED BY

Virgil Stoabs (B.M.G.)



Lewis D. Galloway
L. D. Galloway

REGION	
3	
1	
1	-
1	✓