

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 11, 1958

Operator El Paso Natural Gas		Lease Jicarilla 12-G	
Location S E 13-26-5		County Rio Arriba State New Mexico	
Property Pictured Cliffs		Pos Undesignated	
Casing Diameter 5-1/2	Set At Feet 3933	Tubing Diameter 1-1/4	Set At Feet 3848
Flow Line Size 3822	To 3866	Total Depth 3933 c/o 3880	Shut-in 6/14/58
Shut-in Method Sand Water Frac.		Flow Through Tubing X	

Gas Constants		Shut-in Pressure	
.75	12.365	PSIG	PSIA
1030	1042	1030	1042
48	60	Working Pressure	Gravity
70	.85	56	.675

CHOKED FLOW $Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$

$$Q = 12.365 \times 60 \times .9905 \times .9427 \times 1.004$$

696

MCF/D

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

$$\left(\frac{1085764}{1081140} \right)^n$$

$$1.0042^{.85} \times 696 = 1.0036 \times 696$$

699

MCF/D

Frank Clark

Checked By H. L. Kendrick



Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION		
DISTRICT OFFICE		
Case No.	3	
From	1	
To	1	
Date	1	
File	1	☒