

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE October 28, 1958

Operator El Paso Natural Gas		Lease Jicarilla 16-G	
Location 1800N, 1100W; 14-26-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At: Feet 3641	Tubing Diameter 1-1/4	Set At: Feet 3533
Pay Zone: From 3522	To 3557	Total Depth 3593	Shut in 9/27/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75		Choke Constant: C 12.365		Dry flow	
Shut-In Pressure, Casing, PSIG 1053	PSIG 1065	Days Shut-In 31	Shut-In Pressure, Tubing, PSIG 1053	PSIG 1065	
Flowing Pressure, Casing, PSIG 83	PSIG 95		Working Pressure, Tubing, PSIG 88	PSIG 100	
Temperature, Casing, F 55	F .85		Flow From Tubing 1.009	Gravity .65 (est.)	

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

$$Q = 12.365 \times 95 \times 1.0048 \times .9608 \times 1.009$$

1144

ACF/D

$$\text{OPEN FLOW } Q = \left(\frac{P_1^2 - P_w^2}{P_1^2 - P_w^2} \right)^n$$

$$Q = \left(\frac{1134225}{1124225} \right)^n$$

$$1144 (1.0088)^{.85} = 1144 (1.0075)$$

Acf 1153 MCF/DTESTED BY D. K. BryantWITNESSED BY Virgil Stoabs

Lewis D. Galloway
L. D. Galloway

ADMISSION	
OFFICE	
NAME	
DATE	
TIME	
BY	
REMARKS	
STATE	
C. S. S.	