

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

Operator El Paso Natural Gas		Lease Jicarilla 15-F	
Location 1650N, 1140W; 15-26-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 5-1/2	Set At: Feet 3292	Tubing Diameter 1-1/4	Set At: Feet 3236
Pay Zone: From 3191	To 3229	Total Depth 3301 c/o 3258	Shut in 8/26/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-in Pressure g, PSIG 1065	PSIA 1077	Shut-in Pressure, Tubing PSIG 1065	PSIA 1077
Flowing Pressure, P PSIG 241	PSIA 253	Working Pressure, Pw PSIG 254	PSIA 266
Temperature, T F 60	n .85	Flow From Tubing 1.025	Gravity .658

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{av}$

$$Q = 12.365 \times 253 \times 1.000 \times .9571 \times 1.025$$

3069

MCF/D

$$\text{OPEN FLOW } A_{of} = C \left(\frac{P_c^2}{P_1^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{1159929}{1089173} \right)^n$$

$$1.0649^{.85} (30690 = 1.0549 (3069))$$

A_{of} **3237** MCF/DTESTED BY **S. V. Roberts**WITNESSED BY **Virgil Stoabs (B.M.G.)**

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION		
ACTED DISTRICT OFFICE		
DATE RECEIVED	3	
INVESTIGATION		
REPORT		
REMARKS		
TRANSPORTER	1	
FILE	1	✓