

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **June 20, 1958**

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit 5	
Location 1050N, 990E; 21-24-6		County Rio Arriba	State New Mexico
Format Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At: Feet 2403	Tubing Diameter 1-1/4	Set At: Feet 2306
Pay Zone: From 2282	To 2352	Total Depth 2403 c/o 2370	Shut-in 6/9/58
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75	Choke Constant, C 12.365	Days Shut-In 11	Shut-In Pressure, Tubing 657	PSIG - 12 - PSIA 669
Shut-In Pressure, Casing 657	PSIG - 12 - PSIA 669	Working Pressure, Casing 92	PSIG - 12 - PSIA 112	Gravity .650
Flowing Pressure, P 92	PSIG - 12 - PSIA 104	Flow From Tables 1.009		
Temperature, F 64	.85			

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

$$C = 12.365 \times 104 \times .9962 \times 9608 \times 1.009$$

1242 MCF/D

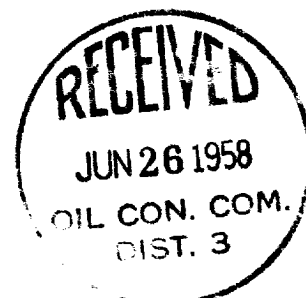
$$\text{OPEN FLOW } Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

$$\left(\frac{447561}{432185} \right)^n$$

$$(1.0355)^{.85} \times 1242 = (1.0301) \times 1242$$

Asf 1279 MCF/D

Richard Proctor

Checked by S. V. Roberts

L. D. Galloway
L. D. Galloway

By H. K.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Control Permit	3	
DATE OF ISSUE		
EXPIRATION DATE		
ISSUANCE		
State No.	1	
Production No.		
State Land Office		
U. S. L. L.	1	
Transporter		
File	1	✓