

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 18, 1959

Operator El Paso Natural Gas		Lease Jicarilla No. 3-A	
Location 990N, 925E; 22-24-5		County Rio Arriba State New Mexico	
Formation Pictured Cliffs		Property Otero	
Gas 5-1/2	Set At Feet 2523	Tubing 1-1/4	Set At Feet 2477
Flow Rate 2410	Test 2482	Total Depth 2523 c/o 2495	Shut In: 9/11/59
Sand Water Frac.		Flow In casing X	

Choke Constant .75	Flow Constant 12.365	Shut In Pressure, Tubing 673	PSIG	Flow Constant 7	Shut In Pressure, Tubing 659	PSIG	Flow Constant 671
Flowing Pressure, P 73	PSIG	Flowing Pressure, P 85	PSIG	Working Pressure, Pw 97	PSIG	Working Pressure, Pw 109	PSIG
Temperature 59	Flow Constant .85	Temperature 59	Flow Constant .85	Flowing Pressure, P 1.009	PSIG	Flowing Pressure, P 1.009	PSIG
				Gravity .663			

Flow Rate, MCF/D = $Q \times R \times F \times T_g \times F_g$

$$12.365 \times 85 \times 1.001 \times .9535 \times 1.009$$

1012 MCF/D

$$\left(\frac{469225}{457344} \right)^n$$

$$\left(\frac{469225}{457344} \right)^n$$

$$1.0259^{.85} \times 1012 - 1.0220 \times 1012$$

1034

Frank Clark

Checked By W. D. Dawson

L. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received		
DISTRIBUTION		
	NO. FURNISHED	
Operator		
Santa Fe	1	
Production Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓