

OPEN FLOW TEST DATA

DATE **September 29, 1958**

Operator El Paso Natural Gas Company		San Juan 30-4 Unit No. 22	
Location 1090S, 990W; 3-30-4		State New Mexico	
Formation Pictured Cliffs		Undesignated	
Casing Diameter 5-1/2	Set At Feet 4350	Casing Diameter 1-1/4	Set At Feet 4318
Perforation Zone From 4210	To 4240	Perforation Zone From 4370 c/o 4360	To Shut-in 9/17/58
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, inches .75	Pressure, PSIA 12.365	Pressure, PSIA 731	Pressure, PSIA 743
Shut-In Pressure, PSIA 730	Pressure, PSIA 742	Pressure, PSIA 12	Pressure, PSIA 731
Flowing Pressure, PSIA 381	Pressure, PSIA 393	Pressure, PSIA 402	Pressure, PSIA 414
Temperature, F 71	Gravity .85	Gravity 1.030	Gravity .605

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

$$12.365 \times 393 \times .9896 \times .9958 \times 1.030$$

4932 MCF/D

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

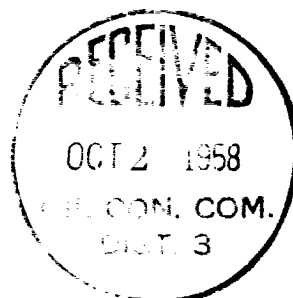
$$\left(\frac{552049}{380653} \right)^n$$

$$(1.4502)^{.85} (4932) = (1.3730) (4932)$$

WCF 6772 MCF/D

TESTED BY **Jesse B. Goodwin**

WITNESSED BY

Checked By **M. W. Rischard**

L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received		3
DISTRIBUTION		
	NO. COPIES	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓