

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 7, 1956

Operator El Paso Natural Gas Company		Lease Huerfano Unit #57	
Location 1750S, 990W, Sec. 26-26-9		County San Juan	State New Mexico
Formation Pictured Cliff		Pay Wildcat	
Casing Diameter 5 1/2	Set At: Feet 2075	Casing Diameter None	Set At: Feet
Pay Zone: From 2026	To 2035	Total Depth 2075; c/o 2045	
Stimulation Method Sand Water		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75		Choke Constant: C 14.1605	
Shut-In Pressure, Casing, PSIG 607	PSIG - 12 - PSIA 619	Days Shut-In 10	Shut-In Pressure, Tubing, PSIG 607
Flowing Pressure: P _w , PSIG 20	PSIG - 12 - PSIA 32		Working Pressure: P _w , PSIG 619
Temperature, F 60°			Gravity .665
			Sp. Gr. from Tubing 1.004

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$$Q = 14.1605 \times 32 \times 1.00 \times .9498 \times 1.004$$

432

MCF/D

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

$$Adf = \left(\frac{P_1^2 - P_2^2}{P_2^2 - P_w^2} \right)^n$$

Adf MCF/D

TESTED BY **L. D. Galloway & R. A. Ullrich**

WITNESSED BY



L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRICT OFFICE

	EX-100-100	
Operator		
Santa Fe	<u>1</u>	
Proration Office		
State Land Office		
U. S. G. S.	<u>1</u>	
Transporter		
File	<u>1</u>	<u>✓</u>