

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 6, 1957

Operator El Paso Natural Gas Company		Lease Lindrith Unit # 16	
Location 1650'S, 800'W, Sec. 14-24-3		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Wildcat	
Casing: Diameter 5$\frac{1}{2}$	Set At: Feet 5177	Tubing: Diameter 1$\frac{1}{2}$	Set At: Feet 3145
Pay Zone: From 3120	To 3158	Total Depth 3187 - c/o - 3165	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75	Choke Constant: C 14.1605		
Shut-In Pressure, Casing, PSIG 1023	- 12 - PSIA 1035	Days Shut-In 37	Shut-In Pressure, Tubing, PSIG 1023
Flowing Pressure, P, PSIG 244	- 12 - PSIA 256		Working Pressure: Pw, PSIG 256
Temperature: T, F 61			Flow From Tables, Gravity 1.025
			.650

CHOKE VOLUME $Q = C \times P_s \times F_c \times F_v \times F_{pv}$

$$14.1605 \times 256 \times .9990 \times .9608 \times 1.025 = 3566 \text{ MCF/D}$$

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

$$A_{of} = \left(\frac{1,071,225}{999,401} \right)^{.85} (1.0718)^{.85} \times 3566 = 1.0607 \times 3566$$

$$A_{of} = 3782 \text{ MCF/D}$$

TESTED BY R. A. Ullrich

Well blew a mist of distillate during entire test period.

WITNESSED BY _____

L. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION**AZTEC DISTRICT OFFICE**No. Copies Received 3**DISTRIBUTION**

	NO. FURNISHED	
Operator		
Santa Fe	/	
Proration Office		
State Land Office		
U. S. G. S.	/	
Transporter		
File	/	✓