

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 6, 1957

Operator El Paso Natural Gas Company		Lease Lindrith Unit # 21	
Location 800'S, 1600'E, Sec. 5-24-2		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 5$\frac{1}{2}$	Set At: Feet 3404	Tubing: Diameter 1$\frac{1}{4}$	Set At: Feet 3346
Pay Zone: From 3305 3330	To 3316 3354	Total Depth: 3410 - c/o - 3365	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 2" nipple		Choke Constant: C	
Shut-In Pressure, Casing, PSIG 961	PSIA 973	Days Shut-In 35	Shut-In Pressure, Tubing, PSIG 960
Flowing Pressure: P, PSIG 61	PSIA 972	Working Pressure: P _w , PSIG 972	PSIA 972
Temperature: T, F 61	F	F _{pv} (From Tables)	Gravity .650

0.1 inch impact on water manometer = 37 MCF/D

CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{pv}$

Q

MCF/D

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

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

A_{of} MCF/DTESTED BY K. C. McBride

WITNESSED BY _____



L. D. Galloway
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OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

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