

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE November 21, 1956

Operator Anderson Pritchard Oil Company		Lease Harold Begay #1	
Location 1980'S, 660'W, Sec. 25-25-11		County San Juan	State New Mexico
Formation Lower Gallup		Pool Wildcat	
Casing: Diameter 5½	Set At: Feet 5130	Tubing: Diameter 2"	Set At: Feet 4922
Pay Zone: From 5050	To 5058	Total Depth: 5199 PB 5093	
Stimulation Method Natural		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .750		Choke Constant: C 12.808		Shut-in November 7, 1956	
Shut-In Pressure, Casing, PSIG 1320	- 12 = PSIA 1332	Days Shut-In 14	Shut-In Pressure, Tubing, PSIG 1319	- 12 = PSIA 1331	
Flowing Pressure: P, PSIG 242	- 12 = PSIA 254		Working Pressure: P _w , PSIG 513	- 12 = PSIA 525	
Temperature: T, F 72	n .75		F _{pv} (From Tables) 1.030	Gravity .720 Est.	

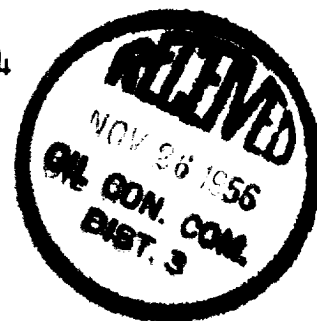
CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{pv}$

$$Q = 12.808 \times 254 \times .9887 \times .9129 \times 1.030 = 3024 \text{ MCF/D}$$

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

$$Aof = \left(\frac{1,774,224}{1,498,599} \right)^{.75} = (1.1839)^{.75} \times 3024 = 1.1350 \times 3024$$

$$Aof = 3432 \text{ MCF/D}$$

TESTED BY H. L. KendrickWITNESSED BY Dick Ullrichcc: Anderson Pritchard (2)
1740 Broadway
U. S. National Bank Bldg.
Denver, Colorado

L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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