

OPEN FLOW TEST DATA

Date: August 11, 1960

Operator: ANDERSON - PRITCHARD

Lease: PRITCHARD #3 P

Location: SEC. 6 - TOWNSHIP 29 N - RANGE 8W

County: SAN JUAN State: N.M.

Formation: PICTURED CLIFF

Pool: UNDESIGNATED

Casing: _____ " Set @ _____ ' Tubing: _____ " Set @ _____

Pay Zone: _____ ' To: _____ ' Total Depth: _____

Choke Size: 3/4 THC " Choke Constant = C = 12.365

Stimulation Method: _____ Flow Through: Casing _____ Tubing 8

Shut-in Pressure Casing: 1005 psig / 12 = 1017 psia (Shut-in 8 days)

Shut-in Pressure Tubing: 1005 psig / 12 = 1017 psia

Flowing Pressure: P : 115 psig / 12 = 127 psia

Working Pressure: P_w : 897 psig / 12 = 909 psia

Temperature: T : 64 °F / 460 = 524 °Absolute

F_{pv} (from tables) : 1.011 Gravity Est. 620 n 85

$$\text{Choke Volume} = Q = C \times P_c \times F_t \times F_g \times F_{pv}$$

$$12.365 \times 127 \times .9962 \times .9837 \times 1.011$$

$$Q =$$

$$= 1556 \text{ MCF/D}$$

Open Flow - Aof = Q

Aof =

$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$$

$$\left[\frac{1,034,289}{208,008} \right]^n$$

n

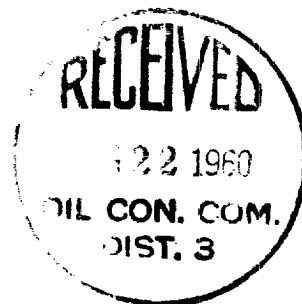
=

3.9091

Aof =

6083

MCF/D



Tested By: D W STILES

Witnessed By: _____

Gelectric, Inc.

B. J. Hayes