

OPEN FLOW TEST DATA

Date: 11-7-63

Operator: Shaw, A.L.

Lease: Jicarilla E-2

Location: SE 1/4 4-23-24

County: RA State: N. M.

Formation: Pictured Cliff

Pool: Undesignated

Casing: 4 1/2 " Set 0

Tubing: 1 1/2 " Set 0

Pay Zone: _____ To: _____

Total Depth: _____

Choke Size: 3/4 THO

" Choke Constant = C = _____

Stimulation Method: _____

Flow Through: Casing x Tubing _____

Shut-in Pressure Casing: 974 psig / 12 = 986 psia (Shut-in 8 days)

Shut-in Pressure Tubing: 974 psig / 12 = 986 psia

Flowing Pressure: P : 280 psig / 12 = 280 psia

Working Pressure: P_w : _____ psig / 12 = _____ psia

Temperature: T : 42 °F / 460 = 502 °Absolute

F_{pv} (from tables) : 1.028 Gravity .630 n .85

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

$$986 \times 280 \times 1.0178 \times .9837 \times 1.028$$

$$= \underline{2841} \text{ MCF/D}$$

Open Flow - Aof = Q

Aof =

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

$$\left[\frac{972,196}{893,796} \right]^n$$

$$= 1.0877 = 1.0741$$

Aof =

$$\underline{3051} \text{ MCF/D}$$

Tested By: _____

Witnessed By: _____



Gelectric, Inc.

[Signature]