

OPLN FLOW TEST DATA

Date: 12 - 31 - 59

Operator: TENNESSEE GAS & OIL CO.

Lease: Callon 11

Location: Sec. 28, Twp 29, Rng 13

County: SAN JUAN State: N.M.

Formation: DAKOTA

Pool: UNDESIGNATED

Casing: 7" Set @ 6352 Tubing: 2 " Set @ 6144

Pay Zone: _____' To: _____' Total Depth: 6327'

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

Stimulation Method: _____ Flow Through: Casing _____ Tubing _____

Shut-in Pressure Casing: _____ psig $\div$ 12 = _____ psia (Shut-in _____ days)

Shut-in Pressure Tubing: 2018 psig / 12 = 2030 psia

Flowing Pressure: P : 260 psig / 12 = 272 psia

Working Pressure: P_w : _____ psig / 12 = 560 psia **CALCULATED**

Temperature: T : 72 °F / 460 = 532 °Absolute

F_{pv} (from tables) : 1.033 Gravity .720 Est. n 75

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

$$12.365 \times 272 \times .9887 \times .9129 \times 1.033 = \frac{3136}{\text{NCF/D}}$$

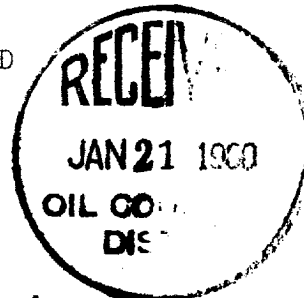
$$\text{Open Flow} - A_{of} = Q$$

Aof = $\left[\frac{4,120,900}{3,807,300} \right]^n = 1.0824 \quad 1.0612 (75)$

Aof = $\frac{3328}{\text{MCF/D}}$ 

Tested By: D. W. Strum

Witnessed By: _____



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