

OPEN FLOW TEST DATA

Date: AUGUST 1, 1957

Operator: ELI L. H. O. Lease: MAN

Location: 23A - 17-00 County: A. L. UAN State:

Formation: 16" UNDE LIF Pool: LAICO EXTENSION

Casing: 5 1/2" " Set @ 2251 ' Tubing: " Set @ '

Pay Zone: 2136 ' To: 2186 ' Total Depth: 2186 '

Choke Size: " Choke Constant = C = 11.1605

Stimulation Method: CF Flow Through: Casing X Tubing

Shut-In Pressure Casing: 883 psig / 12 = 895 psia (Shut-in 7 days)

Shut-In Pressure Tubing: 880 psig / 12 = 892 psia

Flowing Pressure: P : 170 psig / 12 = 182 psia

Working Pressure: P_w : 178 psig / 12 = 190 psia

Temperature: T : 80 °F / 460 = 540 ° Absolute

F_{pv} (from tables) : 1.095 Gravity .671 1st n .85

$$\text{Choke Volume} = Q = \frac{11.1605 \times 182 \times .813 \times .9463 \times 1.095}{C \times P_t \times F_t \times F_g \times F_{pv}}$$

$$Q = \frac{2611}{\text{MCF/D}}$$

$$\text{Open Flow} = Aof = Q$$

$$Aof =$$

$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0392$$

$$Aof =$$

$$\text{MCF/D}$$

Tested By: GELECTRIC, INC.

Witnessed By: J. H. FEVES AGENT

CONSERVATION DIVISION

FLORIDA

B. H. K.

