

OPEN FLOW TEST DATA

Date: AUGUST 1, 1957

Operator: G. MILLIN, CO Lease: CHAMAM

Location: 35-0 3-27-8 County: A. JUAN State: PR

Formation: PIGMEED LIF 8 Pool: LAZCO LAT

Casing: 5 1/2 " Set @ 2295 ' Tubing: 3/4 " Set @ 2200 '

Pay Zone: 2150 ' To: 2253 ' Total Depth: 2253 '

Choke Size: 3/4 " Choke Constant = C = 14,16.5

Stimulation Method: WF Flow Through: Casing X Tubing

Shut-In Pressure Casing: 892 psig / 12 = 904 psia (Shut-in 7 days)

Shut-In Pressure Tubing: 890 psig / 12 = 902 psia

Flowing Pressure: P : 102 psig / 12 = 114 psia

Working Pressure: P_w : 140 psig / 12 = 152 psia

Temperature: T : 92 °F / 460 = 552 ° Absolute

F_{pv} (from tables) : 1.85 Gravity .630 Lat n .85

$$14,16.5 \times 114 \times .9706 \times .9759 \times 1.085$$

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

$$Q = \underline{\hspace{2cm}} = \underline{1639} \text{ MCF/D}$$

$$\text{Open Flow} = Aof = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$$

$$Aof = \left[\frac{819,024}{795,920} \right]^n = 1.0237$$

$$Aof = \underline{1698} \text{ MCF/D}$$

Tested By: GEOLLECTRIC, INC.

B. H. KEYS AGENT

Witnessed By: OIL CONSERVATION COMMISSION

. . KENDRICK

