

OPEN FLOW TEST DATA

Date: March 7, 1962
 Operator: TECHNICO Lease MOLLENDIG C-1
 Location: NA/NA 20-30-12N County: SAN JUAN State: P.R.
 Formation: DANETA Pool: BASIN DANETA
 Casing: _____ " Set @ _____ ' Tubing: 2 " Set @ 63%
 Pay Zone: 6405 ' To: 6523 ' Total Depth: _____
 Choke Size: 3/4 THD " Choke Constant = C = 12.365
 Stimulation Method: _____ Flow Through: Casing _____ Tubing X
 Shut-in Pressure Casing: 1765 psig / 12 = 1777 psia (Shut-in 8 days)
 Shut-in Pressure Tubing: 1765 psig / 12 = 1777 psia
 Flowing Pressure: P : 144 psig / 12 = 196 psia
 Working Pressure: P_w : 312 psig / 12 = 324 psia
 Temperature: T : 66 °F / 460 = 522 °Absolute
 F_{pv} (from tables) : 1.017 Gravity .670 Etc. n 75

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

$$12.365 \times 196 \times .9943 \times .9463 \times 1.017 = 1846 \text{ MCF/D}$$

Open Flow - Aof = Q

$$Aof = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = (1.0344)^{.75} \times 1.0257$$

$$Aof = 1893 \text{ MCF/D}$$

Tested By: D W STILES
 Witnessed By: _____

GEOELECTRIC INC.



B. H. Keys

