

OPEN FLOW TEST DATA

Date: MAY 22 1959
 Operator: R & G DRILLING Co. Lease: MARRON 42
 Location: W/2 22-27N-3W County: SAN JUAN State: N. MEX
 Formation: DAKOTA Pool: WILDCAT
 Casing: _____ " Set _____ Tubing: 2" " Set _____ 6560'
 Pay Zone: 6518 To: 5596 Total Depth: _____
 Choke Size: 3/4" B M Choke Constant = C = 14.1605
 Stimulation Method: S W F Flow Through: Casing _____ Tubing X
 Shut-in Pressure Casing: _____ psig / 12 = _____ psia (Shut-in 7 days)
 Shut-in Pressure Tubing: 1413 psig / 12 = 1425 psia
 Flowing Pressure: P_f : 16 psig / 12 = 28 psia
 Working Pressure: P_w : _____ psig / 12 = 37 psia CALCULATED
 Temperature: T : 68 °F / 460 = _____ °Absolute
F_{gv} (from tables) : 1.008 Gravity .670 E S T n : 85

Choke Volume = $C = C \times F_c \times F_t \times F_g \times F_{pv}$
 $14.1605 \times 28 \times .9924 \times .9463 \times 1.008 = 375 \text{ CC/D}$

Open Flow - Aof = Q

$$Aof = \frac{F_c^2 (1425)^2}{2 P_c^2 - P_w^2} = \frac{2,030,625}{2,029,256} = 1.0005$$

Aof = 375 CC/D

Tested By: GEOELECTRIC, Inc.

Witnessed By: _____

