

OPEN FLOW TEST DATA

Date: 12/13/73

Operator: Wynn Oil Company Lease: Largo Federal #6-1

Location: Sec. 14, T-27N, Rge 8W County: San Juan State: N.M.

Formation: Chacra Pool: Undesignated Chacra

Casing: 4.5 " Set @ 3926 ' Tubing: 1.275 " Set @ 3877

Pay Zone: 3898 ' To: 3906 ' Total Depth: 3950 PB 3916

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

Stimulation Method: _____ Flow Through: Casing _____ Tubing X

Shut-in Pressure Casing: 1112 psig / 12 = 1124 psia (Shut-in 8 days)

Shut-in Pressure Tubing: 1112 psig / 12 = 1124 psia

Flowing Pressure: P : 104 psig / 12 = 116 psia

Working Pressure: P_w : 514 psig / 12 = 526 psia

Temperature: T : 60 °F / 460 = 520 °Absolute

F_{pv} (from tables) : 1.013 Gravity Est. 670 n 85

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

$$12.365 \times 116 \times \frac{Q}{1.000} \times .9463 \times 1.0013 = \underline{1359} \text{ MCF/D}$$

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

$$Aof = \left[\frac{P_c^2 - P_w^2}{1,263,376} \right]^n = 1.2804 = 1.2040$$

$$Aof = \underline{1636} \text{ MCF/D}$$

Tested By: R. C. Dintelman

Witnessed By: _____



Geoelectric, Inc.

-b H Kuyes met
Agent



--	--	--