

OPEN FLOW TEST DATA

Date: June 12, 1964

Operator: Sher Alan Oil Co.

Lease: Feldman # 4

Location: SW/4 8-23N-2W

County: RA State: N.H.

Formation: Wintured Cliff

Pool: S. Blanco

Casing: 4 1/2 " Set @ 3080

Tubing: 1 1/2 " Set @ 3010

Pay Zone: 3012 To: 3018

Total Depth: 3085

Choke Size: 3/4 TIC

Choke Constant = C = 12.365

Stimulation Method: _____ Flow Through: Casing _____ Tubing x

Shut-in Pressure Casing: 900 psig / 12 = 912 psia (Shut-in 2 days)

Shut-in Pressure Tubing: 900 psig / 12 = 912 psia

Flowing Pressure: P : 152 psig / 12 = 164 psia

Working Pressure: P_w : 653 psig / 12 = 665 psia

Temperature: T : 70 °F / 460 = 530 °Absolute

P_{pV} (from tables) : 1.015 Gravity Est. .650 n 85

$$Q = C \times P_c \times P_t \times P_s \times P_{pv}$$

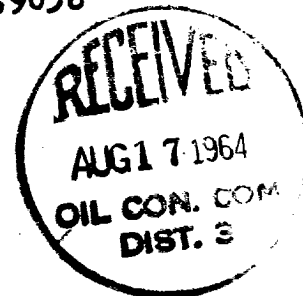
$$12.365 \times 164 \times .9905 \times .9608 \times 1.015 = 1959 \text{ MCF/D}$$

Open Flow - Aof = Q

$$Aof = \left[\frac{P_c^2 - P_w^2}{389,519} \right]^{.85} = 2.1353 = 1.9056$$

Aof =

Aof = 3733 MCF/D



Tested By: _____

Witnessed By: _____

GeoElectric, Inc.

[Signature]