

OPEN FLOW TEST DATA

Date: NOVEMBER 16, 1959

Operator: CALTO OIL Co.

Lease: MEAD B-1

Location: 3 - 26N - 11W

County: SAN JUAN State: N.M.

Formation: PC

Pool: WEST KUTZ

Casing: 4 1/2 " Set @ 1802 ' Tubing: _____ " Set @ _____

Pay Zone: 1877 To: 1903 Total Depth: 1903

Choke Size: 3/4 " Choke Constant = C = 14.1605

Stimulation Method: _____ Flow Through: Casing _____ Tubing ☒

Shut-in Pressure Casing: 456 psig / 12 = 468 psia (Shut-in 8 days)

Shut-in Pressure Tubing: 456 psig / 12 = 468 psia

Flowing Pressure: P : 20 psig / 12 = 32 psia

Working Pressure: P_w : 70 psig $\div 12 =$ 82 psia

Temperature: T : 69 °F / 460 = 529 °Absolute

F_{pv} (from tables) : _____ Gravity .670 EST. n 85

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

$$Q = 14.1605 \times 32 \times .9915 \times .9463 \times 1.007$$

$$= \underline{428} \text{ MCF/D}$$

$$\text{Open Flow} - A_{of} = Q$$

Aof = 428

$$\left. \begin{array}{l} P_c^2 \\ \hline P_c^2 - P_w^2 \\ \hline 219,024 \\ \hline 212,300 \end{array} \right\}^n = 1.0268 = 439$$

Aof = 439 MCF/D

Tested By: GEOLECTRIC, INC.

Witnessed By: U. G. Stiles



23 H. Kenna

OIL CONSERVATION COMMISSION
ATLANTA DISTRICT OFFICE

[illegible]