

# OPEN FLOW TEST DATA

Date: Oct. 15, 1963

Operator: SHAR - BLAN Lease: JICARILLA H - #4

Location: NW/4 Sec 24 - 23N - 2E County: RA State: NM

Formation: PISTURED CLIFF Pool: UNDESIGNATED

Casing: 4 1/2 " Set ● Tubing: 1 1/2 " Set ●

Pay Zone: \_\_\_\_\_ ' To: \_\_\_\_\_ ' Total Depth: \_\_\_\_\_

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

Stimulation Method: \_\_\_\_\_ Flow Through: Casing \_\_\_\_\_ Tubing x

Shut-in Pressure Casing: 923 psig / 12 = 935 psia (Shut-in 0 days)

Shut-in Pressure Tubing: 922 psig / 12 = 934 psia

Flowing Pressure: P : 161 psig / 12 = 173 psia

Working Pressure: P<sub>w</sub> : 743 psig / 12 = 755 psia

Temperature: T : 42 °F / 460 = 502 °Absolute

F<sub>pv</sub> (from tables) : 1.017 Gravity .620 Est n .85

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

$$12.365 \times 173 \times 1.0178 \times .9837 \times 1.017 = \underline{2178} \text{ MCF/D}$$

Open Flow - Aof = Q

$$Aof = \left[ \frac{P_c^2 - P_w^2}{304,200} \right]^n = 2.8738 = 1.8664$$

Aof = 4065 MCF/D

Tested By: \_\_\_\_\_

Witnessed By: \_\_\_\_\_



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