

Date: February 27, 1956

Lease: Woodriver # 2

County: San Juan State: N.M.

Pool: Blanco

Tubing: 2 " Set @ 5408

Total Depth: 5482

Choke Constant = C = 14.1605

Shut-In Pressure Casing: 1055 psig / 12 = 1067 psia (Shut-in 8 days)

Shut-In Pressure Tubing: 1055 psig / 12 = 1067 psia

Flowing Pressure: P : 429. psig / 12 = 441 psia

Working Pressure: P_w : 944 psig / 12 = 956 psia

Temperature: T : 68 °F / 460 = 528 ° Absolute

F_{pv} (from tables) : 1.046 Gravity .670 est. n .75

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

$$Q = 14.1605 \times 1441 \times .9924 \times \frac{.9463}{1.046} = \frac{6,134}{1.046} \text{ MCF/D}$$

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

$\text{Aof} = 6,134$

1,138,489
224,553

 $\cdot 75 = 6134(5.07) \cdot 75 = 6134 \times 3.38$

$\Delta \text{of} =$ 20,733 MCF/D

Tested By: D. W. Mitchell

Witnessed By: _____



L. D. Galloway

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