

OPEN FLOW TEST DATA

Date: February 24, 1956

Operator: J. Glenn Turner

Lease: Huerfano Unit # 45-24

Location: 1130'S, 990'W, Sec. 24, T27N, R9W

County: San Juan State: N.M.

Formation: Pictured Cliff

Pool: South Blanco

Casing: 5 1/2 " Set @ 2146

Tubing: 1 " Set @ 2166

Pay Zone: 2146 To: 2175

Total Depth: 2175

Choke Size: 3/4

Choke Constant = C = 14.1605

Stimulation Method: Sand Oil Frac.

Flow Through: Casing X Tubing

Shut-In Pressure Casing: 694 psig / 12 = 706 psia (Shut-in 9 days)

Shut-In Pressure Tubing: 694 psig / 12 = 706 psia

Flowing Pressure: P : 297 psig / 12 = 309 psia

Working Pressure: P_w : 313 psig / 12 = 325 psia

Temperature: T : 53 °F / 460 = 513 ° Absolute

F_{p_v} (from tables) : 1.032 Gravity .65 est. n .85

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

$$Q = 14.1605 \times 309 \times 1.0068 \times \frac{.9608}{1.032} = 4368 \text{ MCF/D}$$

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

$$Aof = 4,368$$

$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$$

$$\left[\frac{498,436}{392,811} \right]^n$$

$$= 4368(1.2689)^{.85} = 4368 \times 1.2245$$

$$Aof = 5,349 \text{ MCF/D}$$

Tested By: D. W. Mitchell

Witnessed By:



L. D. Galloway
L. D. Galloway

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[illegible]

Conclusions

1. *Chlorophyll a* (Chl *a*)

$\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{4}$

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1. *Chlorophyll a* (Chl *a*)

7. *Journal of the American Medical Association*, 1990; 263: 2761-2765.

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