

OPEN FLOW TEST DATA

Date: JUNE 4, 1958

Operator: R & G DRILLING CO

Lease: HAMMOND No. 1 -H

Location: 25 27N 28W Sec

County: SAN JUAN State: N M

Formation: MESA VERDE

Pool: BLANCO MESA VERDE

Casing: 5 1/2 " Set @ _____'

Tubing: 2 " Set @ _____'

Pay Zone: _____' To: _____'

Total Depth: _____'

Choke Size: 3/4 "

Choke Constant = C = 14.1605

Stimulation Method: SWF

Flow Through: Casing _____ Tubing X

Shut-In Pressure Casing: 1017 psig / 12 = 1029 psia (Shut-in 7 days)

Shut-In Pressure Tubing: 1012 psig / 12 = 1024 psia

Flowing Pressure: P : 80 psig / 12 = 92 psia

Working Pressure: P_w : 365 psig / 12 = 377 psia

Temperature: T : 80 °F / 460 = 540 ° Absolute

F_{pv} (from tables) : 1.009 Gravity .670 Est n 75

Choke Volume = Q = C x P_t x F_t x F_g x F_{pv}

$$Q = 14.1605 \times 92 \times .9813 \times .9463 \times 1.009 = \underline{1,211} \text{ MCF/D}$$

Open Flow = Aof = Q 1211

$$Aof = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \left[\frac{1,048,576}{906,447} \right]^n = 1.1154$$

Aof = 1,350 MCF/D

Tested By: GELECTRIC, INC

Witnessed By: D W STILES

B. I. Skyer

101. CIVIL SERVICE COMMISSION	
NAME _____	
ADDRESS _____	
CITY _____	
STATE _____	
DATE _____	
REASON FOR APPLICATING _____	
EDUCATION _____	
EMPLOYMENT HISTORY _____	
REFERENCES _____	
REMARKS _____	
APPROVED BY _____	
FILED _____	

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