

OPEN FLOW TEST DATA

Operator: Candado Production Company Date: 2/5/57
 Location: NW/4, Sec 4-26N-7W Lease: Candado #13
 Formation: Pictured Cliffs County: Rio Arriba State: NM
 Pool: So Blanco PG
 Casing: _____ " Set @ _____ ' Tubing: 1-1/4 " Set @ 2926 '
 Pay Zone: _____ ' To: _____ ' Total Depth: _____ '
 Choke Size: .750 " Choke Constant = C = 14.1605
 Stimulation Method: _____ Flow Through: Casing X Tubing _____
 Shut-In Pressure Casing: 846 psig / 12 = 858 psia (Shut-in 78 days)
 Shut-In Pressure Tubing: 846 psig / 12 = 858 psia
 Flowing Pressure: P : 145 psig / 12 = 157 psia
 Working Pressure: P_w : 160 psig / 12 = 172 psia
 Temperature: T : 60 °F / 460 = 520 ° Absolute
 F_{pv} (from tables) : 1.015 Gravity .650 (est) n .85

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

$$= 14.1605 \times 157 \times 1.000 \times .9608 \times 1.015 = 2168 \text{ MCF/D}$$

Open Flow = Aof =

Aof =

Aof =

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

$$\left[\frac{858^2}{858^2 - 172^2} \right]^n$$

$$\frac{(736,164) \cdot .85}{(706,580)} = (1.0419) \cdot .85 = 1.0339$$

224.2

MCF/D

Tested By: _____

Witnessed By: _____

Geoelectric, Inc., Agent



W. J. McCarthy

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