

Date: April 26, 1956

Lease: Foster-Riddle # 1

County: San Juan State: N.M.

Pool: Wildcat

Tubing: 1 " Set C 2339

Total Depth: 2350

Choke Constant = C = 14.1605

Flow Through: Casing X Tubing

Shut-In Pressure Tubing: 610 psig $\div 12 =$ 622 psia

Working Pressure: P_w : 367 psig $\div 12 =$ 379 psia

F_{nv} (from tables) : 1.034 Gravity 0.655 n 0.850

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

$$= 14.1605 \times 363 \times .9868 \times .9571 \times \frac{5020}{1.034} \text{ MCF/D}$$

Open Flow = Aof = 0

$$\frac{P_c^2}{P_c^2 - P_w^2}$$

NOI2011-01-17

Aof = 5020

$$\begin{array}{r} 386,884 \\ \hline 243,243 \end{array}$$

$$= 1.483 \times 5020$$

iof =

7445 MCF/0

Witnessed By: Virgil Stoabs, Benson-Montin-Greer



L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 2

DISTRIBUTION

	NO FURNISHED	
Division		
Santa Fe	1	
Production Office		
Public Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓