

OPEN FLOW TEST DATA

DATE November 24, 1957

Operator Colorado Western Exploration, Inc.		Lease Government Senter 1-24	
Location SW/4 Sec. 24 T 31 N R 12 W		County San Juan	State New Mexico
Formation Point Lookout (Mesa Verde)		Pool Blanco Mesa Verde	
Casing: Diameter 7"	Set At: Feet 4994'	Tubing: Diameter 2" EUE	Set At: Feet 4402'
Pay Zone: From 4404'	To 4805	Total Depth: 6775' (PBTD 4970')	
Stimulation Method Sand-Water Frac. (Two stages)		Flow Through Casing	Flow Through Tubing XXXX

Choke: re. inches 0.750"	Choke Constant: C 12.365		
Shut-in Pressure, Casing, PSIG 972	- 12 - PSIA 984	Shut-in Pressure, Tubing, PSIG 972	- 12 - PSIA 984
Flowing Pressure: P, PSIG 93	- 12 - PSIA 105	Working Pressure: P _w , PSIG 360	- 12 - PSIA 372
Temperature: T, F 73	F _{pn} 0.75	F _{pv} (From Tables) 1.011	Gravity 0.670

$$\text{CHOKE VOLUME} = Q \cdot C \cdot P_r \cdot F_p \cdot F_g \cdot F_{pv}$$

$$Q = (12.365)(105)(0.9877)(0.9463)(1.011) = \underline{1223} \text{ MCF/D}$$

$$\text{OPEN FLOW Aof } Q \left(\frac{P_c^2}{P_r^2 - P_a^2} \right)^n$$

$$\text{Aof} = \left(\frac{968,256}{829,372} \right)^n Q (1.169)^{0.75} (1223) = (1.124) (1223) =$$

$$\text{Aof} \underline{1378} \text{ MCF/D}$$

TESTED BY C. R. Carrington

WITNESSED BY Fred Hilton



C. R. Carrington

ATTENTION OFFICE

1. The first group of people who are not allowed to enter the country are those who are not citizens of the United States. This group includes all foreign-born individuals, regardless of their legal status in the country.

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1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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