

OPEN FLOW TEST DATA

DATE August 9, 1956

Operator Texas National Petroleum Pet. Co.	Lease Rincon # 57
Location 660°N, 660°E, Sec. 1-26-7	County Rio Arriba State New Mexico
Formation Dakota	Pool Wildcat
Casing Diameter 7" Set At Feet 7554	Tubing Diameter 2" Set At Feet 7361
Perforation Zone From 7167 To 7285	Total Depth 7530 - PB 7285
Completion Method Sand Oil Frac.	Flow Through Casing Flow Through Tubing X

Choke Size, inches 0.750	Choke Constant 14.1605
Shut-in Pressure, PSIA 2492	Shut-in Pressure, Tubing 2472
Flowing Pressure, PSIA 2504	Working Pressure, PSIA 63
Temperature, °F 70	Gravity 75
	Specific Gravity 0.85

CHOKE VOLUME $Q = C \times R \times \sqrt{P_1 - P_2} \times \sqrt{P_2 - P_b}$

* 346

MCF/D

* Note:

Choke pressure was less than 13 psig. This is below critical flow; therefore, the well was measured through a 2" nipple and a pitot tube and a water filled manometer.

OPEN FLOW $Q = C \times R \times \sqrt{P_1 - P_2} \times \sqrt{P_2 - P_b}$

$$Q = \frac{C \times R \times \sqrt{P_1 - P_2} \times \sqrt{P_2 - P_b}}{1.00089 \cdot 75} = 1.0006 \times Q$$

$$1.00089 \cdot 75 = 1.0006 \times Q$$

Act 346

MCF/D

Tom Grant



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