

OPEN FLOW TEST DATA

DATE June 1, 1960

Operator CONSOLIDATED OIL & GAS, INC.		Lease MONTOYA NO. 1-35	
Location NE/4 Sec. 35 - T32N - R13W		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4-1/2	Set At: Feet 6818	Tubing: Diameter 2" EUE	Set At: Feet 6715
Pay Zone: From 6756	To 6799	Total Depth: 6822	
Stimulation Method Sand-Water Frac		Flow Through Casing M. V. Dual	Flow Through Tubing X

Choke Size, Inches 3/4"	Choke Constant: C 12.2023			
Shut-In Pressure, Casing, PSIG (BHP)	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG 1563	+ 12 = PSIA 1575
Flowing Pressure: P PSIG 51	+ 12 = PSIA 63		Working Pressure: P _w PSIG (MV Dual)	+ 12 = PSIA
Temperature: T °F 71	n = .75		Fpv (From Tables) 1	Gravity 0.650

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

$$Q = 12.2023 \times 63 \times .9896 \times .9608$$

$$= \underline{\hspace{2cm}} 730 \text{ MCF/D}$$

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

$$Aof = \left(\underline{\hspace{2cm}} \right)^n$$

$$Aof = \underline{\hspace{2cm}} \text{ MCF D}$$



TESTED BY BAL-MAR ENGINEERING

WITNESSED BY Robert B. Tenison

[Handwritten Signature]