

OPEN FLOW TEST DATA

DATE February 16, 1960

Operator CONSOLIDATED OIL & GAS, INC.		Lease Miley	
Location SE 3/4 (N) Section 26, T17N-R17W		County Sora Juan	State New Mexico
Formation Dakota		Pool Undesignated	
Casing: Diameter 4 1/2" - 7"	Set At: Feet 7480	Tubing: Diameter 2 1/2" - 6000	Set At: Feet 6812
Pay Zone: From 6828	To 7000	Total Depth: 7728	
Stimulation Method Sand-Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 3/4"	Choke Constant: C 17.249				
Shut-In Pressure, Casing, PSIG Mesa Verde (Jan)	+ 12 = PSIA	Days Shut-In 2	Shut-In Pressure, Tubing PSIG 1310	+ 12 = PSIA	1626
Flowing Pressure: P PSIG 99	+ 12 = PSIA		Working Pressure: Pw PSIG 509.800	+ 12 = PSIA	611
Temperature: T °F 50	n =		Fpv (From Tables) 1.911	Gravity	1.650

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

$Q = 11.893 \times 111 \times 1.0 \times 1.0 \times 1.911 = 2495$ MCF/D

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

$Aof = 2495 \left(\frac{1220^2}{1220^2 - 509.8^2} \right)^{0.75} = 1469$

Aof = 1469 MCF D



TESTED BY Phillips

WITNESSED BY Tenison

[Signature]