

MESA PETROLEUM CORP.
OPEN FLOW TEST DATA

DATE August 2, 1978

Operator Mesa Petroleum Corp.		Lease Sutter #1-A (PC)	
Location NW 13-32N-11W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 4.500	Set At: Feet 5692'	Tubing: Diameter 1 1/4	Set At: Feet 3042'
Pay Zone: From 3026	To 3050	Total Depth: 5692'	Shut In 6-29-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XXX

Choke Size, Inches .750		Choke Constant: C 12.365			
Shut-In Pressure, Casing, PSIG 1267	+ 12 = PSIA 1279	Days Shut-In 34	Shut-In Pressure, Tubing PSIG 1267	+ 12 = PSIA 1279	
Flowing Pressure: P PSIG 0	+ 12 = PSIA		Working Pressure: P _w PSIG 414	+ 12 = PSIA 426	
Temperature: T = 66 °F	F _t = .9943	n = .85	F _{pv} (From Tables)	Gravity .670	F _g = .9463

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

$$Q = \text{_____ MCF/D}$$

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

$$Aof = \left(\text{_____} \right)^n =$$

$$Aof = \text{0} \text{ MCF/D}$$

Note: Well is logged off, will not test.

TESTED BY Bill TollerWITNESSED BY C. R. Wagner- EPNG

C. R. Wagner
Well Test Engineer