OPEN FLOW TEST DATA

	Date:	6/2/75
Operator: William C. Russell	Lease: _	Graham 51A
Location: 10-27N-8W	County:	San Juan State: N.M.
Formation: <u>Mese Verde</u>	Pool:	Blanco MV
Casing: " Set @ 4594 "	Tubing:	14 " Set @ 4446
Pay Zone: 4380 ' To: 4530 '	Total Dept	h: 4594
Choke Size: 3/4 THC	Choke Cons	tant _ C _ 12.365
Stimulation Method: Flo	w Through:	CasingTubing X
Shut-in Pressure Casing: 1036 psig / 12 =	1048	psia (Shut-in8 days)
Shut-in Pressure Tubing: 1036 psig / 12 =	1048	psia
Flowing Pressure: P : psig / 12 =	165	psia
Working Pressure: P _W : 602 psig / 12 =	614	psia
Temperature: T :	507	^O Absolute
F _{pv} (from tables) : <u>1.017</u> Gravity <u>626</u>	Est.	n
Choke Volume = Q = C x P _t x F _t x F _g x F _{pv} 165 x 12.365 x 1.0127 x .9837 x 1.617	20	158 MCF/D
Open Flow - Acf = Q $ \begin{bmatrix} 2 \\ P_c \\ P_c^2 - P_w^2 \end{bmatrix} $	n	
Aof = \(\begin{pmatrix} \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	n = 1.5227	= 1.3707
Aof =	MCF/D	
Tested By: R. C. Dintelmen		
Witnessed By:		
		Calculated By