OPEN FLOW TEST DATA

	Date: July 7, 1967
Operator: George F. Willett	Lease: #1 Lucerne-Federal
Location: NW Sec. 17 - T28N - R11W	County San Juan State: N.M.
Formation: Fruitland ss.	Pool: Pinon-Fruitland
Casing: 42 " Set 6 1347	_' Tubing: 1 1/4 " Set @ 1232'
Pay Zone: 129C To: 1310-(Gamma RayDept	
7 /hit maa	" Choke Constant _ C _ 12.365
Stimulation Method: Sand-water Frac	
Shut-in Pressure Casing: psig / 12 =	_578 psia (Shut-in _7 days)
Shut-in Pressure Tubing: psig / 12 =	577 psia
Flowing Pressure: P : 191 psig / 12 =	
Working Pressure: P _w : 505 psig ≠ 12 =	
Temperature: T : 48° °F / 460 =	508 OAbsolute
F _{pv} (from tables) : 1.019 Gravity	.600 n <u>.75</u>
Choke Volume = $Q = C \times P_t \times F_t \times F_g \times F_{pv}$	
Q _12.3650x203x1.0117x1.000x1.019	= <u>2588</u> MCF/D
Open Flow - Aof = Q	n
Aof = 2588 $\frac{578^2}{578^2 - 517^2}$	$ = \frac{334,084}{71,940} - 4.6439^{n} = 3.6884 $
Aof = 9546	MCF/D (RLULIVED) JUL 1 4 1967
Tested By: Donald Burton	OIL CON. COM. DIST. 3
Managed Day Lon W Vilgana	501.8

Witnessed By: Lee W. Kilgore