NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 9-2-80	
Company: Getty Oil Company		Connection: Not Connected			
Pool: Undesignated ~~Blanco~~		Formation: Mesaverde ~~Ext~~		Unit	
Completion Date: 7-16-80	Total Depth: 6820	Plug Back TD: 6762	Elevation: 5829 GL	Farm or Lease Name: Garrett Fed Com.	
Csg. Size: 5.500 / Wt.: 15.5 / d: 4.950 / Set At: 6812		Perforations: From 4091 To 4665		Well No.: 1 E	
Tbg. Size: 2 1/16 / Wt.: 3.25 / d: 1.750 / Set At: 4620		Perforations: From open To ended		Unit: B / Sec.: 12 / Twp.: 29N / Rge.: 11W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Gas Gas Multiple		Packer Set At: 4850		County: San Jaun	
Producing Thru: Tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12.0	State: New Mexico	
L: 4620 / H: 4620 / Gg: .700	% CO_2:	% N_2:	% H_2S:	Prover: 2.00	Meter Run: / Taps:

FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					1302		1304		SI
1.	2.000 X .500				782	60	1136		1st Hr.
2.	2.000 X .500				560	60	990		2nd Hr.
3.	2.000 X .500				417	60	885		3rd Hr.
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	4.722		794	1.000	1.195	1.106	4955
2.	4.722		572	1.000	1.195	1.076	3473
3.	4.722		429	1.000	1.195	1.055	2554
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1304 P_c^2 1700416

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3	184041	897	804609	895807
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8982$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.6172$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4130$

Absolute Open Flow 4130 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Paul D. Berhost	Paul D.Berhost	