NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOIN ND ONE POINT SACK PRESSURE T T FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test			Test Date	
[X] Initial	[ ] Annual	[ ] Special	10-3-78	

Company	Connection	
Getty Oil Company	Not Connected	

Pool	Formation	Unit
Bloomfield	Chacra	

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
9-26-78	3100	3038	5614	Garrett "D"

Csg. Size	Wt.	d	Set At	Perforations:	Well No.
4.500	9.50	4.090	3074	From 3000 To 3014	1

Tbg. Size	Wt.	d	Set At	Perforations:	Unit	Sec.	Twp.	Rge.
1.900	2.90	1.610	2987	From open To ended	F	13	29N	11W

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
Single Gas		San Jaun

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
Tubing	@		12.0	New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.660				2.000		

	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					1078		1078		168 HrSI
1.	2.000 x .750				73	60	347		1st Hr.
2.	2.000 x .750				68	60	323		2nd Hr.
3.	2.000 x .750				65	60	306		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	11.00		85	1.000	1.231	1.010	1162
2.	11.00		80	1.000	1.231	1.009	1093
3.	11.00		77	1.000	1.231	1.008	1051
4.							
5.							

NO.	P_t	Temp. °R	T_r	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 1090 P_c^2 1188100

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	5929	318	101124	1086976
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.093$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0689$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1,123$

Absolute Open Flow 1,123 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	L. A. Pyle	Paul D. Berhost	R. P. Hagenrater