STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED
JUL 16 1984
OIL CON. DIV.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 6-29-84	
Company: Getty Oil Company	Connection: Not Connected			Unit
Pool: Basin	Formation: Dakota			
Completion Date: 6-22-84	Total Depth: 7312'	Plug Back TD: 7269'	Elevation: 6830 GL	Farm or Lease Name: Jicarilla "C"
Csg. Size: 5.500 / Wt.: 17.00 / d: 4.892 / Set At: 7312'		Perforations: From 7169' To 7233'		Well No.: 28E
Tbg. Size: 2.375 / Wt.: 4.70 / d: 1.995 / Set At: 7196'		Perforations: From Open To Ended		Unit: E / Sec.: 34 / Twp.: 25N / Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single Gas		Packer Set At: --		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F	Mean Annual Temp. °F: -	Baro. Press. – P_a: 12.0	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
7196'	7196'	.690				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	168 HRS.				2208		2208		
1.	2.00 X .750				353	60	1018		1st Hr.
2.	2.00 X .750				233	60	794		2nd Hr.
3.	2.00 X .750				198	60	709		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	11.000		365	1.000	1.204	1.043	5042
2.	11.000		245	1.000	1.204	1.027	3332
3.	11.000		210	1.000	1.204	1.024	2848
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons 45.6 @ 60 Deg.
Specific Gravity Separator Gas .690 EST. XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 2220 P_c^2 4928400

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3	44100	721	519841	4408559
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1179$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0872$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3096$

Absolute Open Flow 3096 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Produced 10 bbls. oil and 12 bbls. water in 3 hours.

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Wendell Durrett	Phil Henson	Paul D. Berhost