NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [XX] Initial [ ] Annual [ ] Special			Test Date: 5-25-81	
Company: Getty Oil Company	Connection: Not Connected			
Pool: Ballard	Formation: pictured cliffs		Unit	
Completion Date: 5-16-81	Total Depth: 2740	Plug Back TD: 2678	Elevation: 6766 G.L.	Farm or Lease Name: Jicarilla "B"
Csg. Size: 4.500 / Wt.: 9.500 / d: 4.090 / Set At: 2737		Perforations: From 2604 To 2623		Well No.: 25
Tbg. Size: 2 1/16 / Wt.: 3.25 / d: 1.751 / Set At: 2616		Perforations: From Open To Ended		Unit: C / Sec.: 6 / Twp.: 24N / 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
2616	2616	0.645				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						720		720		168 hr SI
1.	2.000	x .750				184	60	424		1st hr
2.	2.000	x .750				156	60	360		2nd hr
3.	2.000	x .750				140	60	324		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		196	1.000	1.245	1.018	2733
2.	11.000		168	1.000	1.245	1.015	2335
3	11.000		152	1.000	1.245	1.014	2111
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 _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
JUN 12 1981
OIL CON. COM.
DIST. 3

P_c 732 P_c^2 535824

NO	P_t^2	P_w	R_w^2	$P_c^2 - R_w^2$
1				
2				
3	23104	336	112896	422928
4				
5				

(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.2669$ (2) $\left[\frac{P_c^2}{P_c^2 - R_w^2}\right]^n = 1.2251$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2}\right]^n = 2586$

Absolute Open Flow 2,586 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

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