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: 4-28-80	
Company: Getty Oil Co		Connection: Not Connected			
Pool: Blanco		Formation: Pictured Cliffs		Unit	
Completion Date: 4-19-80	Total Depth: 2350	Plug Back TD: 2751	Elevation: 5947 GL	Farm or Lease Name: Farming "F"	
Csg. Size: 4.500 / Wt.: 9.50 / d: 4.090 / Set At: 2818		Perforations: From 2641 To 2646		Well No.: 1	
Tbg. Size: 1.900 / Wt.: 2.9 / d: 1.610 / Set At: 2642		Perforations: From open To ended		Unit: F / Sec.: 32 / Twp.: 30N / Rge.: 8W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single Gas		Packer Set At		County: San Juan	
Producing Thru: tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0	State: New Mexico	
L: 2642	H: 2642	Gg: .645	% CO_2	% N_2	% H_2S / Prover / 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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI							914		915		168 Hr SI
1.	2.000	x	.750				204	60	529		1st Hr
2.	2.000	x	.750				161	60	404		2nd Hr
3.	2.000	x	.750				143	60	347		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		216	1.000	1.245	1.020	3017
2.	11.00		173	1.000	1.245	1.016	2407
3.	11.00		155	1.000	1.245	1.014	2152
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 927 P_c^2 859329

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3	24025	359	128,881	730448
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1776$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1477$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 2,470

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DIST. 3

Absolute Open Flow 2,470 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

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