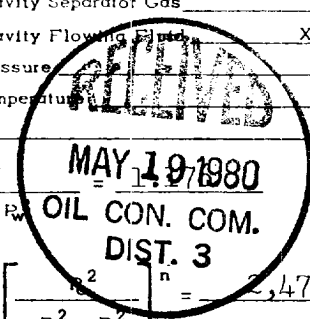


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form G-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 4-28-80						
Company Getty Oil Co					Connection Not Connected						
Pool Blanco					Formation Pictured Cliffs						
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 _g 12.0		State New Mexico			
L 2642	H 2642	G _g .645	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps			
FLOW DATA					TUEING DATA			CASING DATA		Duration of Flow	
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							914		915		168 HrS
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 _t	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.						
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.						
2.					Specific Gravity Separator Gas _____ X X X X X X X X						
3.					Specific Gravity Flowing Liquid _____ X X X X X						
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.						
5.					Critical Temperature _____ R _____ R						
P _c 927 P _c ² 859329					<div style="text-align: center;">  </div>						
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											
AOF = Q					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1477$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1477$						
Absolute Open Flow 2,470					Mcf @ 15.025			Angle of Slope e		Slope, n .85	
Remarks:											
Approved By Commission:			Conducted By: Mark Kramer			Calculated By: Paul D. Berhost			Checked By:		