

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 9-19-79	
Company Getty Oil Company				Connection Not Connected			
Pool Harris Mesa Chacra				Formation Chacra			
Completion Date 9-8-79		Total Depth 3287		Plug Back TD 3227		Elevation 6027 GL	
Csg. Size 4.500		Wt. 9.500		Set At 3287		Perforations: From 3025 To 3165	
Tbg. Size 1.900		Wt. 2.900		Set At 3142		Perforations: From open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas						Packer Set At	
Producing Thru tubing				Reservoir Temp. °F 12.0		Baro. Press. - P _a 12.0	
L 3142		H 3142		G _g .650		Prover 2.000	
				% CO ₂		% N ₂	
				% H ₂ S		Meter Run	
						Taps	

FLOW DATA						TUBING 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
SI							913		976		187 hr.
1.	2.000	x	.750				62	60	203		1st hr.
2.	2.000	x	.750				42	60	176		2nd hr.
3.	2.000	x	.750				35	60	218		3rd hr.
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11.00		74	1.000	1.240	1.000	1009
2	11.00		54	1.000	1.240	1.000	737
3	11.00		47	1.000	1.240	1.000	641
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
					Specific Gravity Separator Gas _____ X X X X X X X X	
					Specific Gravity Flowing Fluid _____ X X X X X	
					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
4.					Critical Temperature _____ R _____ R	
5.						

P _c 976	P _c ² 952576	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0525$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0391$
NO.	F _t ²	P _w	P _w ²
1			
2			
3	2209	218	47524
4			
5			

Absolute Open Flow 666 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: _____					
Approved By Commission:		Conducted By: Paul D. Berhost		Calculated By: Paul D. Berhost	
Checked By:					