

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 3L	Farm or Lease Name Nellie Platero
Csg. Size 4.500	Wt. 9.500	Set At 3281	Perforations: From 3025 To 3165
Thq. Size 1.900	Wt. 2.900	Set At 3112	Perforations: From open To ended
Type Well - Single - Prdenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At	Well No. 6
Producing Thru tubing	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a 12.0
L 3112	H 3112	G _g .650	% CO ₂ % N ₂ % H ₂ S Prover 2.000
Unit L		Soc. 11	Twp. 27N
County San Juan		Rge. 9W	
State New Mexico		Meter Run	

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.	2.000x .750						62	60	203		1st hr.
2.	2.000 x .750						12	60	176		2nd hr.
3.	2.000x .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 Ft.	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.
					Critical Temperature _____ R _____ R

P _c 976	P _c ² 952576	(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.0525$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 1.0391$
NO.	P _e 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 _____
Remarks: _____		
Approved By Commission:	Conducted By: Paul D. Berhost	Calculated By: Paul D. Berhost
		Checked By: