

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		9-15-76							
Company				Connection													
Caulkins Oil Company																	
Pool				Formation				Unit									
Otero Chacra				Chacra													
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name									
8-14-76		3670		3660		6534		Breech									
Csg. Size	Wt.	d	Set At	Perforations:		Well No.											
4 1/2	10.5	4.000	3660	From 3583 To 3600		332											
Tbg. Size	Wt.	d	Set At	Perforations:		Unit		Sec.	Twp.	Rge.							
1 1/4	2.3	1.380	3560	From 3560 To		A		23	26N	7W							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County									
Gas Gas Dual						2768		Rio Arriba									
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State									
								New Mexico									
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	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	7 days						831		Pkr								
1.							17		Pkr.		3 hrs.						
2.																	
3.																	
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	14.1605		29	1.0	1.0	1.0	411										
2																	
3																	
4																	
5																	
NO.	P _r	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 X												
3					Specific Gravity Flowing Fluid _____ X X X X X												
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.												
5					Critical Temperature _____ R _____ R												
P _c 843 P _c ² 710,649																	
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.02$ $\left[\frac{P_c^3}{P_c^2 - P_w^2} \right]^n = 1.0149$												
1	841	130	16,886	693,763													
2																	
3																	
4																	
5																	
Absolute Free Flow 417 Mcfd @ 15.02																	
Remarks: _____																	
Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____																	
SEP 22 1976 OIL CON. COM. DIST. 3																	