

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		7-13-76	
Company				Connection							
Caulkins Oil Company											
Pool				Formation				Unit			
Otero Chacra				Chacra							
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
7-1-76		7545		7520		6654		Sanchez			
Csg. Size		Wt.		d		Set At		Perforations:		Well No.	
4 1/2		11.6		4.000		7520		From 3868 To 3970		4	
Tbg. Size		Wt.		d		Set At		Perforations:		Unit Sec. Twp. Rge.	
1		1.7		1.049		3870		From 3870 To		D 25 26 N 6W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County			
GG Dual						3976		Rio Arriba			
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State			
Tubing								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											
1. 975 977 3 hrs.											
2. 23 315											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO. Coefficient (24 Hour) √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 35 1.000 1.000 1.0000 495											
2.											
3.											
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 XXXXXXXXXX											
3. Specific Gravity Flowing Fluid XXXXX											
4. Critical Pressure P.S.I.A. P.S.I.A.											
5. Critical Temperature R R											
P _c 989 P _c ² 978,121											
NO. P _t ² P _w P _w ² P _c ² - P _w ² (1) P _c ² / (P _c ² - P _w ²) = 1.12 [P _c ² / (P _c ² - P _w ²)] ⁿ = 1.0887											
1 327 106,929 871,192											
2.											
3.											
4.											
5.											
Absolute Open Flow 539 Mcfd @ 15.025 Angle of Slope 75											
Remarks:											
Approved By Commission: Conducted By: Calculated By: Checked By:											