

Form C-122
Revised 9-1-65

Type Test		☒ Initial	☐ Annual	☐ Special	Test Date 6/24/74	
Company W. M. Gallaway			Connection Southern Union Gas			
Pool Undesignated			Formation Chacra		Unit	
Completion Date 6/12/74		Total Depth 2908		Plug Back TD 2888	Elevation 5567 Gr.	
Csg. Size 4.000		Wt. 9.11	d 3.458	Set At 2900	Perforations: From 2846 To 2856	
Thg. Size No Tubing		Wt.	d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---		
Producing Thru Casing		Reservoir Temp. °F #		Mean Annual Temp. °F		
				Baro. Press. - P_a 12		
L 2826		H	Gg 0.620	% CO₂	% N₂	
				% H₂S	Prover	
					Meter Run	
					Taps	
FLOW DATA			TUBING DATA		CASING DATA	
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	
SI	2"	3/4"				
1.						
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	
1	12.3650		187	0.9981	0.9837	
2						
3						
4						
5						
NO.	P _t	Temp. °R	T _f	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 Fluid _____ X X X X X	
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5					Critical Temperature _____ R _____ R	
P_c 1097 P_c² 1,203,409 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0324$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0242$ NO. P_c² P_w P_w² P_c² - P_w² 1 37,751 1,165,658 2 3 4 5 AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2,360$						
Rate Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Remarks: _____						
Approved By Commission:		Conducted By: Kenneth E. Roddy		Calculated By: Kenneth E. Roddy		
				Checked By: <i>[Signature]</i>		