

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-26-78			
Company Southland Royalty Company				Connection Southern Union Gathering					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 5-14-78		Total Depth 5324'		Plug Back TD 5310'		Elevation 6202' GL		Farm or Lease Name Chamberlain	
Crp. Size 7.000 4.500	Wt. 20# 10.5#	d 4.052	Set At 2965' 2829-5324'	Perforations: From 4238' To 4909'		Well No. #1-A			
Fig. Size 2.375	Wt. 4.7#	d 1.995	Set At 5241'	Perforations: From 4954' To 5300'		Unit Sec. Twp. Rge. F 14 32N 12W			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At ----		County San Juan	
Producing Thru Tbg		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.2		State New Mexico	
L	H	Gg .700	% 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							812		864		
1.	2" X 3/4"						232		832		1 hr
2.							207		793		2 hrs
3.							224		778		3 hrs
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.365		236.2	1.0000	.9258	1.0000	2704
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			

NO.	P _t	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} =$	(2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n =$
1		790.2	624,416	143,310	5.3571	3.5213
2						
3						
4						
5						

Absolute Open Flow 9521 Mcfd @ 15.025				Angle of Slope θ _____		Slope, n 75	
Remarks: _____							

Approved by Commission	Conducted by Cliff Pistole	Calculated by James Smith	Checked by:
------------------------	-------------------------------	------------------------------	-----------------