

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 7-5-79			
Company Southland Royalty Company				Connection Southern Union Gathering					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 7-5-79		Total Depth 3298'		Plug Back TD 3268'		Elevation 6571' GR		Farm or Lease Name Decker	
Csg. Size 2.875	Wt. 6.5#	d 2.441	Set At 3278'	Perforations: From 3062' To 3172'		Well No. #5			
Tbg. Size ---	Wt. ---	d ---	Set At ---	Perforations: From To		Unit A	Sec. 26	Twp. T32N	Rge. R12W
Type Well - Single - Brodenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan	
Producing Thru Casing		Reservoir Temp. °F 0		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	G _g	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI									860	
1.	2.875	X	2.441	Pitot Tube Gauge					3 1/2 oz.	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							426
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 _____ 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 ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: Pitot Tube Test			
Approved By Commission:		Conducted By: Leroy Castleman	Calculated By: James Smith
		Checked By:	