

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 8-27-79	
Company Southland Royalty Company				Connection Gas Company of New Mexico		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 8-20-79		Total Depth 6169'		Plug Back TD 6000'		Elevation 7032' GR
Csg. Size 7.000 4.500		Wt. 20# 10.50#		Set At 3859 3682-6166		Perforations: From 5309' To 5962'
Tbg. Size 2.375		Wt. 4.70# 1.995		Set At 5951		Perforations: From ---- To ----
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single					Packer Set At ----	
Producing Thru Tbg		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _a
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
SI						
1.						
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}
1						
2.						
3.						
4.						
5.						
NO.	R _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ XXXXXXXXXX Specific Gravity Flowing Fluid _____ XXXXXX Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R	
1.						
2.						
3.						
4.						
5.						
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$					Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope @ _____ Slope, n _____	
Remarks: _____						
Approved by Commission:		Conducted By: Donnie Thompson		Calculated By: James Smith		Checked By: