

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 8-15-79					
Company Southland Royalty Co.				Connection Southern Union Gathering						
Pool Blanco				Formation Pictured Cliffs				Unit		
Completion Date 8-07-79		Total Depth 2750'		Plug Back TD 2718'		Elevation 6135' GR		Farm or Lease Name Hubbard		
Csg. Size 2.875	Wt. 6.5#	d 2.441	Set AI 2738'	Perforations: From 2578' To 2590'		Well No. 5				
Tbg. Size ---	Wt. ---	d ---	Set AI ---	Perforations: From --- To ---		Unit L	Sec. 22	Twp. 32N	Rge. 12W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set AI ---			County San Juan		
Producing Thru Csg		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State 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		
SI							680#			
1.							4 oz.		48 hrs	
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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd		
1						Pitot Tube	Guage	460		
2.										
3.										
4.										
5.										
NO.	R _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.				A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
1.					Specific Gravity Separator Gas _____				X X X X X X X X X	
2.					Specific Gravity Flowing Fluid _____				X X X X X	
3.					Critical Pressure _____ P.S.I.A.				_____ P.S.I.A.	
4.					Critical Temperature _____ R				_____ R	
5.										
NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
1										
2										
3										
4										
5										
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____			Slope, n _____		
Remarks: _____										
Approved By Commission:			Conducted By: Leroy Castleman			Calculated By: James Smith			Checked By:	