

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 8-27-74	
Company Lynco Oil Corporation				Connection			
Pool South Blanco Ext.				Formation Pictured Cliffs		Unit	
Completion Date 8-20-74		Total Depth 3285		Plug Back TD		Elevation 7450 GR	
Csg. Size 2 7/8		Set At 3285		Perforations: From 3130 To 3167		Well No. 1	
Tbg. Size Tubingless		Set At		Perforations: From To		Unit Sec. Twp. Rge. D 17 23 1	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At	
Producing Thru Csg.		Reservoir Temp. °F 100 @ 3285		Mean Annual Temp. °F 60		Baro. Press. - P _a 12.0	
L		H		Gg		Prover X	
				% CO ₂		% N ₂	
				% H ₂ S		Meter Run	
						Taps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Duration of Flow
1.	2	X	3/4				7 days
2.							3 hrs
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	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	12.365		99	1.000	.9608	1.008	1185
2.							
3.							
4.							
5.							
NO.	P _r	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 _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____		
1.					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
2.							
3.							
4.							
5.							
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope Θ _____		Slope, n _____
Remarks: _____							
Approved By Commission:		Conducted By: James Ray		Calculated By: F. J. Ray		Checked By:	