

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 9-15-76	
Company Lynco Oil Corporation				Connection	
Pool South Blanco, PC				Formation Pictured Cliffs	
Completion Date 9-15-76		Total Depth 3014		Elevation 7303 KB	
Csg. Size 2 7/8		Wt. 6.4		Set At 3014	
Tbg. Size Tubingless		Wt.		Set At	
Type Well - Single - Braddenhead - G.G. or G.O. Multiple Single		Packer Set At NONE		County Rio Arriba	
Producing Thru Csg.		Reservoir Temp. °F 96 @ 3014		Mean Annual Temp. °F 60	
Baro. Press. - P _a 12.0		State New Mexico			
L	H	Gg .650	% CO ₂	% N ₂	% H ₂ S Sweet
Prover X		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							Tubingless		650		SI 7 days
1.	2	X	3/4				"		58	60	3 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, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		70	99.05	1.240	1.003	1066
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 ²	P _w ² - P _r ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$
1					
2					
3					
4					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope _____	Slope, n _____ .85
Remarks: _____			

Approved By Commission:	Conducted By: James Ray	Calculated By: E.L. Fundingsland Jr	Checked By:
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