

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

Form C-122
Revised 9-1-

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-27-74	
Company Lynco Oil Corporation		Connection	
Pool South Blanco		Formation Pictured Cliffs	
Completion Date 8-20-74		Total Depth 3280	Plug Back TD 3276
		Elevation 7449 GR	
Csg. Size 2 7/8	Wt. 6.50	Set At 3276	Perforations: From 3181 To 3191
Tbg. Size	Wt.	Set At	Perforations: From To
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single		Packer Set At	Unit E
Producing Thru Csg.		Reservoir Temp. °F P	Mean Annual Temp. °F
Baro. Press. - P _a 12.0		Farm or Lease Name Regina	
L	H	G _g 0.600	% CO ₂
		% N ₂	% H ₂ S
		Prover X	Meter Run
		Taps	
State New Mexico			
County Rio Arriba			

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
1.	2	X	3/4				Tubingless		736		7 days
2.							"		118	60	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 O, Mcfd
1.	12.365		130	1.000	.9608	1.011	1561
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$

$\frac{P_c^2}{P_c^2 - P_w^2} =$

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:
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