

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 12/28/75	
Company LYNCO OIL CORPORATION				Connection	
Pool South Blanco, PC				Formation Pictured Cliffs	
Completion Date 12/28/75		Total Depth 3310		Plug Back TD 3263	
Elevation 7439 GR		Farm or Lease Name Regina			
Csg. Size 2 7/8	Wt. 6.4	d	Set At 3310	Perforations: From 3208 To 3220	
Tubg. Size Tubingless		d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	
Producing Thru Casing		Reservoir Temp. °F 80 @ 3210		Mean Annual Temp. °F 60	
Baro. Press. - P _a 12.0		State New Mexico			
L	H	G _g .6000	% 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	Press. p.s.i.g.	Temp. °F	
1.	2 x 3/4								445		7 days
2.									55	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 Q, Mcfd
1.	12.365		57	1.000	1.291	1.001	1071
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R
1.				XXXXXXXXXX XXXXXX P.S.I.A. R
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) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1.					
2.					
3.					
4.					
5.					

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

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