

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 11/25/75	
Company LYNCO OIL CORPORATION				Connection		
Pool South Blanco, PC				Formation Pictured Cliffs		Unit
Completion Date 11/26/75		Total Depth 3050		Plug Back TD 3024		Elevation 7337 GR
Farm or Lease Name Regina						
Csg. Size 2 7/8	Wt. 6.4	d	Set At 3040	Perforations: From 2980 To 2996		Well No. 6
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit B
Tubingless						Sec. 34 Twp. 24N Rge. 1W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County Rio Arriba
Producing Thru Csg.		Reservoir Temp. °F 104 @ 3050		Mean Annual Temp. °F 60		Baro. Press. - P _a 12.0
State New Mexico						
L	H	Gg .6000	% CO ₂	% N ₂	% H ₂ S	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		570		SI 7 Days
1.	2 x 3/4						"		62	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, Fpv	Rate of Flow Q, Mcfd
1	12 365		74	1.000	1.291	1.001	1182
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 _c ² - P _w ²
1				
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.039/$

ACF = Q $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1228$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10196$

Absolute Open. Flow	1228	Mcf/d @ 15.025	Angle of Slope θ	Slope, n	85
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OIL CON. COM.

Approved By Commission:	Conducted By: James Ray	Calculated By: DIST 3	Checked By: E. L. Fundingsland/jr
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