

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 11/25/75			Total Depth 3234		Plug Back TD 3211		Elevation 7434 GR		Farm or Lease Name Regina		
Csg. Size 2 7/8"		Wt. 6.4		Set At 3234		Perforations: From 3179 To 3194		Well No. 5			
Tubingless				Set At		Perforations: From To		Unit Sec. Twp. Rge. 0 5 23N 1W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At			County Rio Arriba			
Producing Thru Csg.		Reservoir Temp. °F 60 @ 3234		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	Duration of Flow
SI							Tubingless		460		SI 7 Days
1.	2 x 3/4						"		60	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		72	1.000	1.291	1.001	1151
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/cbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0412$ (2) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.04165$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1199$

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DIST. 3

Absolute Open Flow <u>1199</u> Mcfd @ 15.025		Angle of Slope Θ _____		Slope, n <u>85</u>	
Remarks: _____					

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