

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 2/11/76	
Company LYNCO OIL CORPORATION				Connection		
Pool South Blanco, PC				Formation Pictured Cliffs		Unit
Completion Date 2/12/76		Total Depth 3022		Plug Back TD 2961		Elevation 7320 KB
Csg. Size 4 1/2"	Wt. 10.50	d 	Set At 3017	Perforations: From 2908 To 2918		Well No. 8
Tbg. Size 1"	Wt. 1.70	d 	Set At 2894	Perforations: From Open ended To		Unit Sec. Twp. Rge. D 35 24N 1W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 94° @ 2945		Mean Annual Temp. °F 60°		Baro. Press. - P _a 12.0
L H		G _g .600	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps X

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.	1.049 x 3/4"			61			61	75	650		7 das
2.									330		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		73	.9859	1.291	1.005	1155
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbon	Deq.
2					Specific Gravity Separator Gas	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

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

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

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

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

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

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