

**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 4-27-76	
Company LYNCO OIL CORPORATION				Connection		
Pool Ballard PC				Formation Pictured Cliffs		Unit
Completion Date 4-27-76		Total Depth 3150		Plug Back TD 3071		Elevation 7083 GR
Farm or Lease Name Porkchop						
Csg. Size 4 1/2"	Wt. 10.50	d	Set At 3120	Perforations: From 3006 To 3027		Well No. #2
Thg. Size 1 1/4"	Wt. 2.4	d	Set At 3005	Perforations: From To		Unit Sec. Twp. Rye. J 29 26N 7W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 91 @ 3150		Mean Annual Temp. °F 60		Baro. Press. - P _a 12.0
State New Mexico						
L	H	Gg .650	% 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
1	2" x 3/4"			70			625		640		10 days
2							70	66	410		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		82	.9952		1.001	1252
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 Hydrocarbon	Deq.
2					Specific Gravity Separator Gas	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

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

(1) $\frac{P_c^2 (652)^2}{P_c^2 - P_w^2} = \frac{425,104}{(32)^2} = 425,109 - 67.24$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.01364}{1.001} = 1.01264$

1252 AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1296$

APR 29 1976

Absolute Open Flow	1296	Mcf @ 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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