

Form C-122
Revised 9-1-65

Type Well ☒ Initial		☐ Annual		☐ Special 4-20-77	
Company Lynco Oil Corporation			Connection		
Pool Wildcat		Formation Gallup		Unit	
Completion Date 4-20-77		Total Depth 6570		Elevation 7223' KB	
Perforations: From 6250 To 6570		Perforations: open ended		Farm or Lease Name Jicarilla	
Casing Size 2 3/8"		Weight 4.7		Well No. #1	
Packers Set At		County		Unit Sec. Twp. Rge. C 3 23N 2W	
Type Well - Single - Bradenhead - G.O. or G.O. Multiple			None		
Single			Rio Arriba		
Casing		162° 2 6570		60° 12.0	
Prover		X		New Mexico	

FLOW DATA						TUBING DATA		CASING DATA		Duration	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. in. H ₂ O	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Flow
1	2"	x 3/4"							1051		3 hrs.
2									24		
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. Factor, F _{sp}	Rate of Flow Q, Mcfd
1	12.3650		36	.9905		1.000	441
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/Lbl.
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.
5					Critical Temperature	R

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1					
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$		Slope, n	
Applied to Other Flow		Mcf/d @ 15.025° Angle of Slope	

Approved By Commission:	Conducted By: James Ray	Calculated By: E. I. Fundingsland	Checked By:
-------------------------	-------------------------	-----------------------------------	-------------

NO. OF COPIES RECEIVED		5
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	1
OPERATOR		1
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
LYNCO OIL CORPORATION
Address
7890 E. Prentice Ave., Englewood, Colorado 80110
Reason(s) for filing (Check proper box) Other (Please explain)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Jicarilla	1	Wildcat - Gallup	State, Federal or Free Indian	156
Location				
Unit Letter	C	920'	Feet From The North Line and 1460'	Feet From The West
Line of Section	3	Township	23N	Range 2W, NMPM, Rio Arriba County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Permian Corporation	Houston, Texas					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Co.	El Paso, Texas					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	C	3	23N	2W	YES	4-26-77

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Game Res'v.	Diff. Res'v.
		XX	XX					
Date Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.				
7-12-76	4-20-77	6570						
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay		Tubing Depth				
7223 RKB	Gallup	6550		6413				
Perforations				Depth Casing Shoe				
Open hole thru uncemented slotted liner 6250-6570				6250				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT		
12 1/2"		8 5/8"		169'		105 sacks		
7 7/8"		5 1/2"		6250'		340 sacks		
4 3/4"		4" liner		6193-6570'		NONE		
		2 3/8"		6413'		NONE		

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
441	3 hrs.	11.34	
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size
Back Pressure		1063	3/4"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

ORIGINAL SIGNED BY
E. L. FUNDINGSLAND, JR.
(Signature)

VP

(Title)
5-3-77
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAY 9 1977, 19
BY Original Signed by A. R. Kendrick
TITLE SUPERVISOR DIST. #3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.