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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. L-5163	

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____						7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____						8. Farm or Lease Name Sapphire	
2. Name of Operator IKE LOVELADY, INC.						9. Well No. 1	
3. Address of Operator P.O. Drawer 2666; Midland, Texas 79702						10. Field and Pool, or Wildcat Lazy J (Penn)	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM <u>east</u> LINE OF SEC. <u>33</u> TWP. <u>13-S</u> RGE. <u>33-E</u> NMPM						12. County Lea	
15. Date Spudded 3/13/80		16. Date T.D. Reached 3/26/80		17. Date Compl. (Ready to Prod.) 6/26/80		18. Elevations (DF, RKB, RT, GR, etc.) 4251 DF	
19. Elev. Casinghead 4241		20. Total Depth 9815		21. Plug Back T.D. 9815		22. If Multiple Compl., How Many	
23. Intervals Drilled By Rotary Tools 9815		24. Producing Interval(s), of this completion - Top, Bottom, Name Pennsylvanian "B" Zone 9680 - 9726 "C" Zone 9738 - 9815		25. Was Directional Survey Made No		26. Type Electric and Other Logs Run Comp. Density-Neutron - Gamma Ray. Neutron	
27. Was Well Cored No		28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
13-3/8		48		390		17-1/2	
8-5/8		24 & 32		4069		11	
5-1/2		17 & 20		3176 - 9738		7-7/8	
CEMENTING RECORD		AMOUNT PULLED					
320 Sks		-0-					
2000 Sks		-0-					
510 Sks		3176					
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT	
5-1/2		3176		9738		510	
SCREEN		SIZE		DEPTH SET		PACKER SET	
		2-3/8		9726			
31. Perforation Record (Interval, size and number) 9680 - 9726 - .45, 1 SPF 9755 - 9815 - Open hole, 4-3/4				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED					
9680 - 9726		1000 Gals. 15% NEA					
9755 - 9815		2000 Gals. 15% NEA					
33. PRODUCTION				34. Disposition of Gas (Sold, used for fuel, vented, etc.)			
Date First Production 7/29/80		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump - 1-1/4" Pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 8/23/80		Hours Tested 24		Choke Size 2"		Prod'n. For Test Period	
Flow Tubing Press. 20		Casing Pressure 20		Calculated 24-Hour Rate		Oil - Bbl. 22	
						Gas - MCF 70	
						Water - Bbl. 110	
						Gas - Oil Ratio 2916	
						Oil Gravity - API (Corr.) 42	
35. List of Attachments C-104, Log						Test Witnessed By Earl R. Wilson	
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED <u>Paul J. Sims</u>				TITLE <u>Paul J. Sims, Mgr. of Drlg. & Production</u>			
				DATE <u>8/25/80</u>			

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1670	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2610	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4012	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5490	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6138	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6912	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7645	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9065	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 9494	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1670		Redbed, Sand, Gravel, Lime				
1670	1805		Anhydrite				
1805	2610		Dolomite, Anhydrite, Salt				
2610	4012		Sand, Dolomite, Anhydrite, Salt				
4012	4790		Dolomite, Tr Anhydrite, Tr Chert				
4790	5350		Dolomite, Limestone, Tr Chert				
5350	5390		Limestone				
5390	5490		Dolomite, Limestone, Tr Sand				
5490	6270		Sand, Dolomite, Limestone				
6270	6840		Dolomite				
6840	7060		Dolomite, Snad				
7060	7320		Dolomite				
7320	7635		Dolomite, Limestone				
7635	8230		Red & Green Shales, Dolomite, Limestone				
8230	8950		Dolomite, Tr, Gry, Shale				
8950	9010		Dolomite, Chert				
9010	9120		Dolomite, Limestone				
9120	9280		Dolomite, Limestone, Dhert,				
9280	9450		Dolomite, Limestone, Chert, Tr Gry Shale				
9450	9490		Limestone				
9490	9720		Limestone, Red & Gry Shale				
9720	9878		Limestone				

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Job separation sheet

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

Form C-104
Supersedes Old C-101 and C-111
Effective 1-1-65

Operator IKE LOVELADY, INC.	
Address P.O. Drawer 2666; Midland, Texas 79702	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☐	Change in Transporter of: Reenter & Deepen to Penn "C" Zone.
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 Sapphire	Well No. 1	Pool Name, Including Formation Lazy J (Penn.)	Kind of Lease State, Federal or Fee	State State	Lease No. L-5163
Location Unit Letter I, 1980 Feet From The south Line and 660' Feet From The east					
Line of Section 33 Township 13-S Range 33-E, NMPM, Lea County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ The Permian Corp.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1183; Houston, Texas 77001					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Warren Petroleum Corp.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1589; Tulsa, Oklahoma 74102					
If well produces oil or liquids, give location of tanks.	Unit 1	Sec. 33	Twp. 35-S	Rge. 33-E	Is gas actually connected? No	When

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	Same Res'v.	Diff. Res'v.
Date Spudded 3/13/80	Date Compl. Ready to Prod. 6/26/80		Total Depth 9815		P.B.T.D. 9815			
Elevations (DF, RKB, RT, GR, etc.) DF 4251	Name of Producing Formation Lazy J (Penn.)		Top Oil/Gas Pay 9680		Tubing Depth 9726			
Perforations 9680 - 9726, 9755 - 9815					Depth Casing Shoe 9738			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17-1/2	13-3/8		390		320			
11	8-5/8		4069		2000			
7-7/8	5-1/2		9738		510			
	2-3/8		9726		Tbg. String			

V. TEST DATA AND REQUEST FOR ALLOWABLE (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 7/29/80	Date of Test 8/23/80	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24	Tubing Pressure 20	Casing Pressure 20	Choke Size 2"
Actual Prod. During Test 134	Oil-Bbls. 24	Water-Bbls. 110	Gas-MCF 70

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

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.

Paul J. Hamm, Jr. (Signature)
R.L. Hamm, Jr., Manager of Operations
August 25, 1980 (Date)

OIL CONSERVATION COMMISSION

APPROVED AUG 28 1980, 19
BY [Signature]
TITLE SUPERVISOR DISTRICT I

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 portions 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.