

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM05855

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
NMNM84634X

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.  
RED LAKE UNIT 12

2. Name of Operator

Contact: LAURA A MORENO

LINN OPERATING INCORPORATED E-Mail: lmoreno@linnenergy.com

9. API Well No.

30-015-24016-00-S1

3a. Address

600 TRAVIS STREET SUITE 5100  
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 713-904-6657

Fx: 832-209-4316

10. Field and Pool, or Exploratory  
E RED LAKE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T16S R28E NESE 1650FSL 990FEL

11. County or Parish, and State

EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

LINN PA'd this well on 7/22/16. Please see PA Procedure below &amp; Final WBD attached.

**PLUGGING PROCEDURE:**

7/21/16: MIRU. Unset pkr and POOH tubing. Set 4 1/2" CIBP @ 1750'.

7/22/16: Spot 50 sx cmt on top of CIBP. Tag TOC @ 1027'. Perf csg @ 685'. Sqz 25 sx cmt from 685-434' (TOG tagged). Perf csg @ 380'. Sqz 135 sx to surface. RDMO. Cut off wellhead and install dry hole marker.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
AUG 09 2016**RECEIVED**Accepted as to plugging of the well bore.  
Liability under bond is retained until  
Surface restoration is completed.*Reclamation Due 1-22-17*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #346140 verified by the BLM Well Information System  
For LINN OPERATING INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 07/29/2016 (16PP1252SE)

Name (Printed/Typed) LAURA A MORENO

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 07/28/2016

**Accepted for record**  
NMOCD  
P. L. B.**Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

*James A. Omas*

Title

SPEET

Date

8-3-16

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## NM Schematic

**Well Name: RED LAKE 12**

API#WV0000000000	Field Name RBNM-RED LAKE	County Eddy	State/Province NM	Section 25	Township 01G-S	Range 02E-E	Bureau	Block
3001524016								
Ground Elevation (ft)	Org KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°) N/S	Longitude (°) W/E	Operated?
3,712.00	3,713.00	1,100'	12/8/1981	1/29/1982	1/20/1982	32°53'28.838"N	104°47'27.881"W	Yes

Original Hole, 7/27/2016 4 28:45 PM

### Original Hole Data

Vertical schematic (actual)

MD (RKB)

3.0

1.0

200.1

324.1

324.1

Salt (final)

379.8

Perforated; 380.0

434.1

Cement Plug; 434.0-685.0

685.0

Perforated; 685.0

812.0

Yates (final)

1,026.8

Cement Plug; 1,027.0-1,750.0

Production Casing Cement; 200.0-1,890.0

1,362.8

Seven Rivers (final)

1,574.1

Queen (final)

1,625.0

1,750.0

1,753.8

Bridge Plug - Permanent; 1,750.0-1,755.0; 4.000

1,754.8

Wellbore; 6.000; 1,625.0-1,890.0

1,804.1

Penrose (final)

1,815.8

Perforated; 1,816.0-1,838.0

1,837.8

1,850.1

Perforated; 1,850.0-1,854.0

1,854.0

1,862.8

Perforated; 1,863.0-1,867.0

1,867.1

Production Casing Cement (plug); 1,875.0-1,890.0

1,875.0

Production; Casing; 1.0-1,890.0

1,890.1

Wellbore; 1,890.0

<b>Wellbores</b>						
North-South Distance (ft)		NS Flag	East-West Distance (ft)		EW Flag	
1,650.0		FSL	990.0		FEL	
<b>Casing Strings</b>						
Csg Des	Set Dept.	OD Nom	ID Nom	Wt/Ln (lb)	String Grade	Run Date
Surface	324.0	8 5/8	8.097	24.00	J-55	12/12/1981
Csg Des	Set Dept.	OD Nom	ID Nom	Wt/Ln (lb)	String Grade	Run Date
Intermediate - Pulled	1,625.0	7	6.456	20.00	J-55	12/14/1981
Csg Des	Set Dept.	OD Nom	ID Nom	Wt/Ln (lb)	String Grade	Run Date
Production	1,890.0	4 1/2	4.007	9.50	J-55	1/21/1982
<b>Cement Stages</b>						
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	1,027.0	1,750.0		Set CIBP at 1750' and cap with 50 sks cement. Tagged TOC at 1027'		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	434.0	685.0		Perf at 685'. Sqz 25 sks cmt at 685-434 (Tagged TOC)		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	1.0	380.0		Perf csg @ 380'. Sqz 135 sks 380' - surface.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Surface Casing Cement	1.0	324.0	Calculated	100 sx class C + 2% CaCl.  TOC @ surface (calc). Assume 1.32 cu ft/sx and 50% fillup.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Production Casing Cement	200.0	1,890.0	OCD Estimate	100 sx class C. TOC @ 200'. Estimation approved by OCD.		
<b>Tubing Strings</b>						
Tubing Description		Set Depth	Run Date	Pull Date		
Tubing		1,758.6	5/7/1991			
<b>Perforations</b>						
Top (ftKB)	Btm (ftKB)	Comment				
380.0	380.0					
Top (ftKB)	Btm (ftKB)	Comment				
685.0	685.0					
Top (ftKB)	Btm (ftKB)	Comment				
1,816.0	1,838.0					
Top (ftKB)	Btm (ftKB)	Comment				
1,850.0	1,854.0					
Top (ftKB)	Btm (ftKB)	Comment				
1,863.0	1,867.0					
<b>Other In Hole</b>						
Csg Des	Top (ftKB)	Btm (ftKB)	Run Date	Comment		
Bridge Plug - Permanent	1,750.0	1,755.0		Set CIBP at 1750' and cap with 50 sks cmt		
<b>Formations</b>						
Formation	Final Top	Final Btm	Comment			
Salt	328.0	659.0				
Formation	Final Top	Final Btm	Comment			
Yates	812.0					
Formation	Final Top	Final Btm	Comment			
Seven Rivers	1,363.0					
Formation	Final Top	Final Btm	Comment			
Queen	1,574.0					
Formation	Final Top	Final Btm	Comment			
Penrose	1,804.0					