

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION DISTRICT
FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Lease Serial No.

NM-33266

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

LRE OPERATING, LLC.

3a. Address c/o Mike Pippin LLC

3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)

505-327-4573

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

1650' FNL & 1980' FWL Unit F

Sec. 15, T5S, R24E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

HUGGINS FEDERAL #3

30-005-61218

10. Field and Pool, or Exploratory Area

Pecos Slope Abo (82730)

AND

Chaves County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" 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 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 checked="" type="checkbox"/> Other P&A
	<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 Operations (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 recompleate horizontally, give subsurface locations and measure 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. for 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 recompleation in a new interval, a Form 3160-5 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.)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

LRE would like to P&A this Abo well as follows: MIRUS. TOP well production equipment. Plug #1 3526' 3426' Abo perfs 3576'-3824' & top Abo @ 3523'. Set 4-1/2" CIBP @ 3526' & top w/25 sx cmt (~323'). WOC. Tag cmt. Circ hole w/P&A mud (25 sx gel/100 bbls water). Plug #2 (1840'-1371'), 8-5/8" shoe @ 1790' & top of Glorieta @ 1421'. Perf 3 SQ holes @ 1840'. Set 4-1/2" pkr @ ~1100'. Establish rate out intermediate valve & SQ perfs w/395 sx cmt outside 4-1/2" csg (circ to surface) & 36 sx cmt inside csg (flush to 1371'). (Volume between csg & hole calc @ 100% excess). Reverse out. WOC, Tag cmt. Plug #3 (928'-Surface), 13-3/8" csg shoe @ 878' & top of SA @ 598'. W/tbg @ 928' circ cmt to Surface (~70 sx). TOH. Top off csgs w/cmt. See attached wellbore diagrams. Cut off csg below surface csg flange. Install P&A marker with cement to comply with government specs. RD move off location, cut off anchors & restore location.

Accepted for record

APPROVED FOR 3 MONTH PERIOD

NM OIL CONSERVATION
ARTESIA DISTRICT

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

Name (Printed/Typed)

Mike Pippin

Title

Petroleum Engineer (Agent)

Signature

Date

July 9, 2014

AUG 25 2014

RECEIVED

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

IS/ Angel Mayes

Assistant Field Manager

Date

Land and Minerals

Reswell Field Office

AUG 21 2014

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.

Title 18 U.S.C. Section 1001, makes 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.



**LIME ROCK
RESOURCES**

BEFORE P&A

SA @ 598'
17-1/2" Hole

Glorieta
@ 1421'

12-1/4" Hole

13-3/8", 48#, H-40
Surface Csg @ 878'
Cmtd w/2100 sx
Circ Cmt to Surface

8-5/8", 24#, K-55
Inter Csg @ 1,790'.
Cmtd w/1350 sx.
Circ. 150 sx to Surface.

TOC @ 2266' @ 75% Eff.

Tubb @ 2999'

Abo @ 3523'

7-7/8" Hole

TD @ 4,174'

2-3/8", 4.7#, J-55 Tbg @ 3,482'

Abo Perfs: 3,576'-3,824'

PBTD @ 4,114'

4-1/2" 10.5# J-55 Csg @ 4,174'
Cmtd w/491 sx cmt

Elevation: 3,982.3' GL 30-005-61218

Date Spud: 12/18/81

Date TD'd: 12/27/81

Date Completed: 01/23/82

Zone	Frac
Abo	30,000 gals CO2 foamed gelled KCl water w/ 73,500# 20/40 sand & 70,500# 10/20 sand
Abo	3,000 gals 7-1/2% HCl

Recompletions & Workovers

Date	

Revised: PMP 7/9/14

Current Status:

Last Well Test:

**Lime Rock Resources
Huggins Federal 3
Sec 15F-5S-24E
Chaves County, NM
Updated: 9 July 2014 PMP**



LIME ROCK RESOURCES

13-3/8", 48#, H-40
Surface Csg @ 878'
Cmted w/2100 sx
Circ Cmt to Surface

PROPOSED P&A

SA @ 598'
17-1/2" Hole

PLUG #3 (928'-Surf.).
Circ cmt from 928'
(~70 sx).

Glorieta
@ 1421'

8-5/8", 24#, K-55
Inter Csg @ 1,790'.
Cmted w/1350 sx.
Circ. 150 sx to Surface.

12-1/4" Hole

PLUG #2 (1840'-1790').
Perf 3 SQ holes @ 1840'
& SQ w/431 sx cmt.

TOC @ 2266' @ 75% Eff.

Tubb @ 2999'

PLUG #1 (3526'-3426').
Set 4-1/2" CIBP @ 3526'
& top w/25 sx cmt.

Abo @ 3523'

Abo Perfs: 3,576'-3,824'

7-7/8" Hole

PBTD @ 4,114'

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30,000 gals CO2 foamed gelled KCl water w/
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Lime Rock Resources

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Sec 15F-5S-24E

Chaves County, NM

Updated: 9 July 2014 PMP

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201
(505) 627-0272

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**
 2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (505) 627-0205.
 3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.
 4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
 5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.
- Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.
6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
 7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval shall be developed and furnished to you.