

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

SEP 06 2018

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.
NMLC064050A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
EAGLE 34 F FED 129. API Well No.
30-015-29635-00-S110. Field and Pool or Exploratory Area
RED LAKE11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
LIME ROCK RESOURCES II A LP

Contact: MIKE PIPPIN

3a. Address
1111 BAGBY STREET SUITE 4600
HOUSTON, TX 770023b. Phone No. (include area code)
Ph: 505.327.4573

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

Sec 34 T17S R27E SENW 2310FNL 2420FWL

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 recompletable 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THIS IS A REQUEST TO P&A:

HISTORY: On 2/20/17, a 5-1/2" RBP was set @ 1000' for safety reasons while an offset San Andres well was fraced. On 3/29/17, it was discovered that the RBP had become stuck while conducting retrieval operations. After 3 days of fishing, the RBP remained stuck with a 30' chemical cut length of 2-7/8" tbg stuck on top of the RBP. Top of fish @ 971' 8-5/8" Surface Csg @ 1066' & circ cmt. 5-1/2" Production Csg @ 2715' & circ cmt.

LIME ROCK RESOURCES II-A, L.P. would like to P&A this San Andres well as follows: MIRUSU. Plug #1: (Perfs 1619'-2400', 5-1/2" RBP stuck @ 1000' w/30' length of 2-7/8" tbg stuck on top.) Tag fish @ 971" w/tbg. PU & circ cmt to surface (~110 sx). TOH. Top off 5-1/2" csg w/cmt. Cut off csg below

**Rejected: Drill out RBP & either Return to production or plug as follows. Set CIBP 50-100' above Perf. and cap w/ 25 sx ent. Spot plug from 1016 - 916. Tag Spot ent from 660 - surf.*

GC 9-7-18 Accepted for record - NMOC

ENTERED

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

Electronic Submission #429904 verified by the BLM Well Information System

For LIME ROCK RESOURCES II A LP, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/06/2018 (18DLM0522SE)

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENG (AGENT)

Signature (Electronic Submission)

Date 08/03/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Rejected

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 Supv. PET

8-18-18

Office

Carlsbad

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.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

10/4/18

Additional data for EC transaction #429904 that would not fit on the form

32. Additional remarks, continued

surface csg flange. Top off csqs w/cmt. Install P&A marker with cmt to comply with government specs. RD move off location, cut off anchors & restore location. See attached wellbore diagrams.

Offset well, Eagle 34 G Federal #81 located 680' east has a mud log that indicated 10% salt from 450'-610'. All other nearby wells reviewed had no salt.

EAGLE 34 F FEDERAL#12

Current Wellbore

Red Lake, Queen-Grayburg-San Andres

(F) Section 34, T-17-S, R-27-E, Eddy County, NM

Today's Date: 7/28/18

Spud: 9/16/97

Completed: 10/3/97

Elevation: 3561' GL

3570' KB

EAGLE 34 G FED #81

Located 680' away has
10% salt from 450'-610'.

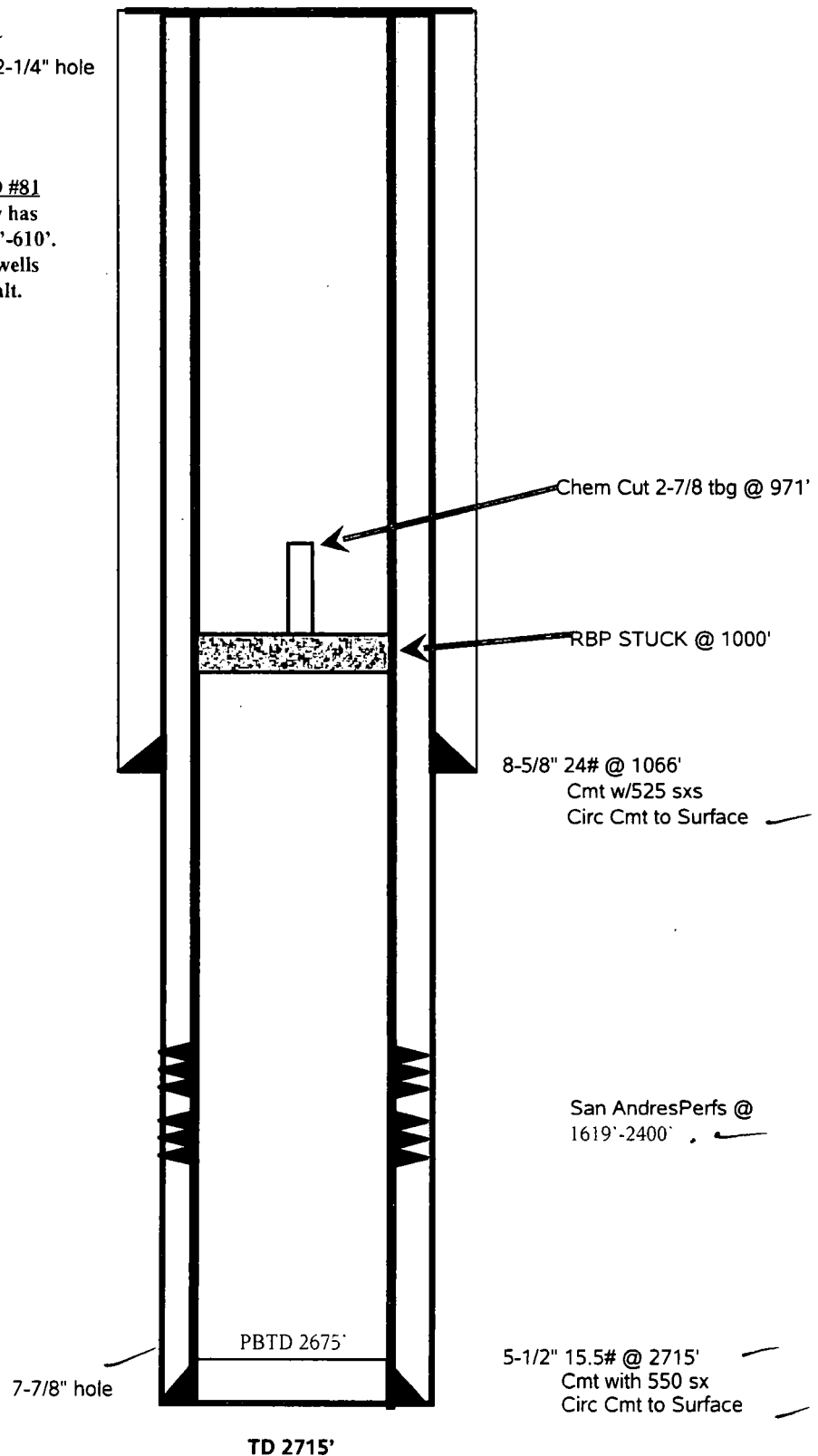
The other nearby wells
reviewed had no salt.

Bowers @ 662' ✓

Queen @ 844' ✓

Grayburg @ 1254' ✓

San Andres @ 1511' ✓



EAGLE 34 F FEDERAL#12

Proposed P&A

Red Lake, Queen-Grayburg-San Andres

(F) Section 34, T-17-S, R-27-E, Eddy County, NM

Today's Date: 7/28/18

Spud: 9/16/97

Completed: 10/3/97

Elevation: 3561' GL
3570' KB

12-1/4" hole

EAGLE 34 G FED #81

Located 680' away has
10% salt from 450'-610'.
The other nearby wells
reviewed had no salt.

Bowers @ 662'

Queen @ 844'

Grayburg @ 1254'

San Andres @ 1511'

7-7/8" hole

PBTD 2675'

TD 2715'

Cmt 971'-Surface (~110 sx)

Chem Cut 2-7/8 tbg @ 971'

RBP STUCK @ 1000'

8-5/8" 24# @ 1066'
Cmt w/525 sxs
Circ Cmt to Surface

San AndresPerfs @
1619'-2400'

5-1/2" 15.5# @ 2715'
Cmt with 550 sx
Circ Cmt to Surface

**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**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.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** 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 are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

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 BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (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 three 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.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.