

|                 |          |                |                   |          |                         |
|-----------------|----------|----------------|-------------------|----------|-------------------------|
| DATE IN 1-20-10 | SUSPENSE | ENGINEER Jones | LOGGED IN 1-20-10 | TYPE DHC | STEW APP NO. 1002045901 |
|-----------------|----------|----------------|-------------------|----------|-------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Lime Rock

NO BLUFF STATE COM #7 30-015-34146

Bluff State Com #7

### ADMINISTRATIVE APPLICATION CHECKLIST

30-015-34146

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

RECEIVED OOD  
2010 JAN 19 A 11:47

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☐ Offset Operators, Leaseholders or Surface Owner  
 [C] ☐ Application is One Which Requires Published Legal Notice  
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Mike Pippin  
Print or Type Name

*Mike Pippin*  
Signature

Petroleum Engineer  
Title

January 13, 2010  
Date

mike@pippinllc.com  
e-mail Address

LIME ROCK RESOURCES A, L.P.  
Mike Pippin  
3104 N. Sullivan Avenue  
Farmington, NM 87401  
505-327-4573 (phone) mike@pippinllc.com

January 13, 2010

NMOCD  
c/o Will Jones  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**RE: C-107A TO COMMINGLE TWO POOLS**  
No Bluff State Com #7 – API#: 30-015-34146  
Unit Letter "E" Section 36 T17S R27E  
Eddy County, New Mexico

Dear Mr. Jones:

The referenced oil well has produced since 12/21/05 from the Red Lake, Glorieta-Yeso NE (96836). Lime Rock would like to open an upper pool, the Red Lake, Queen-Grayburg-San Andres (51300) and commingle the two pools. A sundry notice has been submitted to open the upper interval.

Lime Rock is requesting approval to commingle the two pools upon completion of rig operations. The allocation will be calculated by subtracting the total well production after about two months of commingled production from the current production of 2 BOPD, 15 MCF/D, & 11 BWPD. We plan to submit these calculations and the resulting pool allocations to the district office after the well has been on line for about 2 months.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin

Petroleum Engineer



# NO BLUFF STATE COM #7

Current

RED LAKE; Glorieta-Yeso NE  
RED LAKE; Queen-Grayburg-San Andres

(E) Section 36, T-17-S, R-27-E, Eddy County, NM

Today's Date: 1/13/10  
Spud: 11/22/05  
Completed: 12/21/05  
Elevation: 3585' GL

API#: 30-015-34146

San Andres @ 1672'

Glorieta @ 3017'

12-1/4" hole

8-5/8" 32# Csg @ 400'  
Cmt w/400 sxs

2-7/8" tubing @ 3398'

RED LAKE; Queen-Grayburg-San Andres  
Proposed Perfs: ~2010'-2911'

RED LAKE; Glorieta-Yeso  
Existing Perfs: 3031'-3479'

PBTD 3616'

7-7/8" hole

TD 3665'

5-1/2" 15.5# Csg @ 3663'  
Cmt with 955 sx  
TOC @ Surface @ 75% Eff.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|   |  |   |
|---|--|---|
| <sup>1</sup> API Number<br>30-015-34146 | <sup>2</sup> Pool Code<br>51300                                  | <sup>3</sup> Pool Name<br>Red Lake, Queen, Grayburg, San Andres |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br><b>NO BLUFF STATE COM</b>          | <sup>6</sup> Well Number<br>7                                   |
| <sup>7</sup> OGRID No.<br>255333        | <sup>8</sup> Operator Name<br><b>LIME ROCK RESOURCES A, L.P.</b> | <sup>9</sup> Elevation<br>3585' GL                              |

| <sup>10</sup> Surface Location |         |          |       |         |               |                  |               |                |        |
|--------------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.                  | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| E                              | 36      | 17-S     | 27-E  |         | 1450'         | NORTH            | 990'          | WEST           | EDDY   |

| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |                                  |                         |         |               |                  |               |                |        |
|--|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.  | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|  |                               |                                  |                         |         |               |                  |               |                |        |
| <sup>12</sup> Dedicated Acres<br>40                          | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |         |               |                  |               |                |        |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

|  |   |  |  |  |
|--|---|--|--|--|
| <div style="text-align: center;"> 1450'<br/> 990'<br/> 36 </div>                                 | <sup>17</sup> <b>OPERATOR CERTIFICATION</b><br><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> |  |  |  |
|  | Signature: <u>Mike Pippin</u> Date: <u>1/13/10</u>  |  |  |  |
|  | Printed Name: <u>Mike Pippin</u>  |  |  |  |
|  | <sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>   |  |  |  |
| Date of Survey: <u>5/2/05</u><br>Signature and Seal of Professional Surveyor: <u>Gary Eidson</u> |   |  |  |  |
| Certificate Number: <u>12641</u>   |   |  |  |  |

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Permit 11444

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |   |                    |
|----------------------------|---|--------------------|
| API Number<br>30-015-34146 | Pool Name<br>RED LAKE; GLORIETA YESO, NORTHEAST         | Pool Code<br>96836 |
| Property Code<br>25212     | Property Name<br>NO BLUFF STATE COM                     | Well No.<br>007    |
| OGRID No.<br>148111        | Operator Name<br>SOUTHWESTERN ENERGY PRODUCTION COMPANY | Elevation<br>3585  |

**Surface And Bottom Hole Location**

|                       |               |                 |              |                    |                   |               |                  |               |                |
|-----------------------|---------------|-----------------|--------------|--------------------|-------------------|---------------|------------------|---------------|----------------|
| UL or Lot<br>E        | Section<br>36 | Township<br>17S | Range<br>27E | Lot Idn<br>E       | Feet From<br>1450 | N/S Line<br>N | Feet From<br>990 | E/W Line<br>W | County<br>Eddy |
| Dedicated Acres<br>40 |               | Joint or Infill |              | Consolidation Code |                   | Order No.     |                  |               |                |

|                                     |  |  |  |
|-------------------------------------|--|--|--|
|                                     |  |  |  |
| <input checked="" type="checkbox"/> |  |  |  |
|                                     |  |  |  |
|                                     |  |  |  |

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Terry Jasso

Title: Engineer Tech

Date: 05/23/2005

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Gary Eidson

Date of Survey: 05/02/2005

Certificate Number: 12641

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|   |
|---|
| WELL API NO.<br>30-015-34146  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>             |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>NO BLUFF STATE COM  |
| 8. Well Number #7   |
| 9. OGRID Number 255333  |
| 10. Pool name or Wildcat<br>Red Lake, Glorieta-Yeso NE (96836)<br>Red Lake, Queen, Grayburg, San Andres (53100) |

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
LIME ROCK RESOURCES A, L.P.

3. Address of Operator  
c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401

4. Well Location

Unit Letter E : 1450 feet from the NORTH line and 990 feet from the WEST line  
Section 36 Township 17-S Range 27-E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3585' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Recomplete to San Andres & Commingle w/Yeso ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Lime Rock would like to recomplete to the San Andres & commingle with the existing Yeso as follows:  
MIRUSU. TOH w/pump, rods, & tbg. Set 5-1/2" CBP @ about 2975' to cover existing Yeso perfs (3031'-3479'). PT 5-1/2" csg to 4500 psi. Perf lower SA @ about 2484'-2911'. Breakdown new perfs w/ about 5000 gal 15% NEFE acid & frac w/ about 113,000# 16/30 & 42,000# 12/20 sand in 25# X-linked gel. Set 5-1/2" CBP @ about 2440'. PT 5-1/2" csg to 4500 psi. Perf middle SA @ about 2010'-2372'. Breakdown new perfs w/ about 5000 gal 15% NEFE acid & frac w/about 97,000# 16/30 & 38,000# 12/20 sand in 25# X-linked gel. CO after frac & drill out CBPs @ 2440' & 2975' & CO to about 3618'. Land tbg @ about 3510'. Run pump & rods & complete as a commingled Yeso - San Andres oil well. Initial production of this commingled well is pending the C-107A commingle application in Santa Fe.

Spud Date: 11/22/05

Drilling Rig Release Date: 12/9/05

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 1/13/10

Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

COPY

LIME ROCK RESOURCES, L.P.  
Mike Pippin  
3104 N. Sullivan Avenue  
Farmington, NM 87401  
505-327-4573 (phone) mike@pippinllc.com

January 13, 2010

New Mexico Commissioner of Public Lands  
c/o Jeff Albers  
310 Old Santa Fe Trail  
PO Box 1148  
Santa Fe, NM 87504-1148

**RE: Notification of Downhole Commingling**  
NO BLUFF STATE COM #7 – API#: 30-015-34146  
Unit Letter "E" Section 36 T17S R27E  
Eddy County, New Mexico

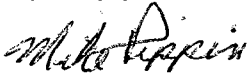
Dear Mr. Albers:

Lime Rock Resources would like to commingle the existing Red Lake, Glorieta-Yeso interval with the proposed Red Lake, Queen-Grayburg-San Andres interval in the referenced well. The designated acreage for the proposed commingle will be the southwest quarter of the northwest quarter of section 36. The referenced well is communitized.

This letter is to notify you that we have submitted the necessary application and supporting data to the New Mexico Oil Conservation Division.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin  
Petroleum Engineer



NO BLUFF STATE COM 0007  
RED LAKE - CHALK BLUFF FIELD  
Category: 1PDP

