

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**LIME ROCK RESOURCES A, L.P.**

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

3b. Phone No. (include area code)

505-327-4578

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

2520' FNL & 1650' FEL Unit G  
Sec. 10, T25S, R29E

5. Lease Serial No.

**NM-15303**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

**CORRAL FLY FEDERAL #1-H**

3

**30-015-35623**

10. Field and Pool, or Exploratory Area

Corral Canyon Delaware NM (96464)

AND

Eddy 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 checked="" 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 - Run 3-1/2" Liner in Existing Lateral & Frac |
|                                                      | <input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Water Disposal                                         |
|                                                      | <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 recomple 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 recompletion 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.)

Lime Rock would like to run a 3-1/2" liner in this well's existing 5-1/2" cased horizontal lateral & stimulate as follows: TOH w/all production equipment. CO to ~MD7626'. Run 3-1/2" 9.2# N-80 flush joint liner in existing 5-1/2" cased horizontal lateral from ~MD7590' to ~MD5460' w/10 isolation packers, 10 frac sleeves & liner hanger @ ~MD5460'. Frac the Delaware through existing perfs in 5-1/2" csg in 10 stages. See the attached wellbore diagram. CO after frac. Rerun production equipment & return well to production

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**



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

Name (Printed/Typed)

**Mike Pippin**

Title

Petroleum Engineer

Signature

*Mike Pippin*

Date

January 21, 2011

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

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

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.

(Instructions on reverse)

KW

**Conditions of Approval**  
**Corral Fly Federal #1H**  
**30-015-35623**  
**Lime Rock Resources A, L.P.**  
**January 21, 2011**

- 1. Surface disturbance beyond the existing pad must have prior approval.**
- 2. Closed loop system required.**
- 3. 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**
- 4. Subsequent sundry with well test and wellbore schematic required.**
- 5. Work to be completed in 90 days.**

**EGF 012111**



9-5/8", 36#, J-55, ST&C Casing @ 744'

DV Tool @ 4,674'

KOP @ 5,081'

Pilot Hole  
TD @ 5,650'

Existing Cherry Canyon Perfs: 5,895' (3 spf); 6,097' (3 spf); 6,294' (4 spf);  
6,491' (4 spf); 6,689' (5 spf); 6,860' (5 spf); 7,056' (5 spf); 7,272' (6 spf); 7,419'  
(6 spf) & 7,590' (7 spf) (48 - 0.42" ID Holes)

Additional Cherry Canyon Perfs: 5,898' - 5,901'; 6,100' - 03'; 6,297' -  
300'; 6,495' - 98'; 6,683' - 86'; 6,865' - 68'; 7,060' - 63'; 7,265' - 68';  
7,422' - 25' & 7,584' - 87' (6 SPF, 180 holes, 0.42" ID Holes)

Elevation: 3,024' GL

Date Spud: 07/26/07

Date TD'd: 09/30/07

Date Completed: 11/09/07

| Zone          | Frac                                                                       |
|---------------|----------------------------------------------------------------------------|
| Cherry Canyon | 133,140 gals x-linked gel w/ 8,069# 20/40 sand & 128,883# 16/30 Brown sand |
| Cherry Canyon | 5,376 gals 15% NEFE acid (pre frac)                                        |
| Cherry Canyon | 8,125 gals 15% NEFE acid                                                   |

#### Recompletions & Workovers

| Date     |                                      |
|----------|--------------------------------------|
| Feb-2011 | 10-stage multi-zone horizontal frac. |

Current Status: Producing

Last Well Test:

Procedure: POOH w/ tbg. Add perfs to existing zone. TIH w/ bit and scraper. RIH and set 3-1/2" frac packer system. Frac well as designed. RIH w/ CT and drill-out sleeves to PBTD. RIH w/ tbg, rods and pump and return to production.

Frac Information: 1000 gal 15% NEFE HCl, Frac w/ 30k gal of 20# x-linked fluid + 50,000# of 16/30 Brady + 10,000# of 16/30 RCS (per stage).

Install: 3-1/2"; 9.2#; N-80 Ultra Flush Joint; LT&C Liner set from 5,460' to 7,590'. Containing 10 frac sleeves, 10 isolation packers and 1 liner top packer.

5-1/2"; 17#; N-80; LT&C Casing @ 7,675'

PBTD @ 7,626'

MTD @ 7,675'

**Lime Rock Resources**  
**Corral Fly Federal 10 1-H**  
**Sec 10C-25S-29E**  
**Eddy County, NM**  
**Updated: 21 Jan 2011 RGG**

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

**AS DRILLED**

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                         |                                                           |                                                     |
|-----------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|
| <sup>1</sup> API Number<br>30-015-35623 | <sup>2</sup> Pool Code<br>96464                           | <sup>3</sup> Pool Name<br>Corral Canyon Delaware NW |
| <sup>4</sup> Property Code<br>306139    | <sup>5</sup> Property Name<br>CORRAL FLY FEDERAL          | <sup>6</sup> Well Number<br>1-H                     |
| <sup>7</sup> OGRID No.<br>255333        | <sup>8</sup> Operator Name<br>LIME ROCK RESOURCES A, L.P. | <sup>9</sup> Elevation<br>3038' 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| G             | 10      | 25-S     | 29-E  |         | 2520          | NORTH            | 1650          | EAST           | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 10      | 25-S     | 29-E  |         | 237           | NORTH            | 1866          | EAST           | EDDY   |

|                                     |                               |                                  |                                     |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------------------|
| <sup>12</sup> Dedicated Acres<br>80 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No.<br>NSL-5611 |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------------------|

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.

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><sup>17</sup> <b>OPERATOR CERTIFICATION</b><br/>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.</p> <p>Signature: <u>Mike Pippin</u> Date: <u>1/21/11</u></p> <p>Printed Name: <u>Mike Pippin</u></p> |
|  | <p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b><br/>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.</p> <p>1/2/07<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:<br/>Donald J. Eidson</p> <p>3239<br/>Certificate Number</p>                                                                                                                                                                                                                                                |