

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

RECEIVED
OIL CONSERVATION DIVISION
NOV 06 2009
1220 South St. Francis Dr.
Santa Fe, NM 87505
MOBBSOCD

| | |
|---|---|
| WELL API NO. 30-025-34631 | ✓ |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | ✓ |
| 6. State Oil & Gas Lease No. | |
| 7. Lease Name or Unit Agreement Name Shell Lusk ANB | ✓ |
| 8. Well Number 2 | ✓ |
| 9. OGRID Number 255333 | ✓ |
| 10. Pool name or Wildcat Townsend Permo Upper Penn (59847) | |

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: 1,950 feet from the North line and 350 feet from the West line
Section 11 Township 16S Range 35E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,990' GR

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Plug Strawn & Open More Penn ☒

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.

MIRUSU: 9/15/09. TOH w/rods, pump, & tbg. Set 7" CIBP @ 11,325' & top w/35' cmt to plug Strawn perfs 11,374'-11,445'. Perfed additional upper Penn @ 10,881'-10,886' w/6-0.42" spf. Total 30 holes. TIH w/7" pkr on 3-1/2" 9.3# N-80 tbg & set @ 10,791'. PT pkr & 7" csg to 2500 psi-OK. On 9/24/09, treated new perfs w/4000 gal 15% HCL gelled acid & 100 perf balls - job pressured out. TOH w/tbg & pkr & found split in jt #341. TIH w/7" pkr on 3-1/2" 9.3# N-80 tbg & re-set @ 10,791'. PT pkr & 7" csg to 2500 psi-OK. Swab test w/no fluid recovery. Set 7" CIBP @ 10,871'. BP failed PT. Drilled & pushed failed CIBP to top of cmt on CIBP @ 11,325'. Set 7" CIBP @ 10,871' & PT to 2500 psi for 30 min-OK. Perfed additional upper Penn @ 10,805'-42' & 10,860'-64' w/4 spf. Total 164 holes. TIH w/7" pkr on 3-1/2" 9.3# N-80 tbg & set @ 10,729'. PT csg & pkr to 2500 psi-OK. On 10/2/09, treated new perfs w/6000 gal 15% HCL acid & 125 perf balls. Swab test w/very little recovery. TOH w/3-1/2" tbg. TIH w/2-7/8" 6.5# N-80 production tbg & landed @ 10,855'. Ran pump & rods. Released workover rig on 10/7/09. Completed as a single Townsend Permo-Upper Penn oil well. On 10/26/09, pump tested well @ 11 BOPD, 3 MCF/D, & 26 BWPD.

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 November 2, 2009

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

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE NOV 12 2009

Conditions of Approval (if any):

2A Big Dog Strawn South

| Submit To Appropriate District Office Two Copies 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 Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 | | | Form C-105 July 17, 2008 | | | | | | | | | | | |
|--|-----------------------------------|---|----------------------------|---|------------------------------------|---|---------------------------------------|------------------|----------|---------------|----------------|-------------------------------|-----------------|-------------------------------|-----------------|-----------------------------------|
| <div style="position: relative; height: 40px;"> RECEIVED NOV 06 2009 HOBBS </div> | | | | | | | | | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | | | | | |
| 4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) | | | | 5. Lease Name or Unit Agreement Name SHELL LUSK ANB 6. Well Number: 2 | | | | | | | | | | | | |
| 7. Type of Completion: <input type="checkbox"/> NEW WELL <input checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER | | | | | | | | | | | | | | | | |
| 8. Name of Operator: Lime Rock Resources A, L.P. | | | | 9. OGRID: 255333 | | | | | | | | | | | | |
| 10. Address of Operator: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401 | | | | 11. Pool name or Wildcat: Townsend Permo-Upper Penn (59847) | | | | | | | | | | | | |
| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County | | | | | | |
| Surface: | E | 11 | 16-S | 35-E | | 1950 | North | 350 | West | Lea | | | | | | |
| BH: | | | | | | | | | | | | | | | | |
| 13. Date Spudded 6/9/99 | 14. Date T.D. Reached 7/15/99 | 15. Date Rig Released 7/17/99 | | 16. Date Completed (Ready to Produce) WO: 10/7/09 | | 17. Elevations (DF and RKB, RT, GR, etc.): 3990' GL | | | | | | | | | | |
| 18. Total Measured Depth of Well 11659' | | 19. Plug Back Measured Depth CIBP @ 10,871' | | 20. Was Directional Survey Made? Yes | | 21. Type Electric and Other Logs Run Induction & Density/Neutron | | | | | | | | | | |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name 10,805'-42' & 10,860'-64' Penn, 10,881'-86' - Penn (below BP @ 10,871') | | | | | | | DHC-2774 | | | | | | | | | |
| 23. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | | |
| CASING SIZE | | WEIGHT LB /FT. | | DEPTH SET | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED | | | | | | |
| 20" | | Conductor | | 40' | | 26" | | Circ Cmt | | 0' | | | | | | |
| 13-3/8" | | 48# | | 394' | | 17-1/2" | | 415 sx - circ | | 0' | | | | | | |
| 9-5/8" | | 40&36# | | 4725' | | 12-1/4" | | 1450 sx -circ | | | | | | | | |
| 7" | | 26# | | 11,659' | | 8-3/4" | | 1375 sx | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 4. LINER RECORD | | | | | | 25. TUBING RECORD | | | | | | | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET | | | | | | | | | |
| | | | | | 2-7/8" | 10,855' | | | | | | | | | | |
| 26. Perforation record (interval, size, and number) 10,805'-42' & 10,860'-64' - Penn - w/4-0.42" spf, total 164 holes. 10,881'-86' - Penn - w/6-0.42" spf, total 30 holes. (Below BP @ 10,871') Strawn Perfs 11,374'-445' now plugged below CIBPs @ 11,325' & 10,871' | | | | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10,805'-10,864'</td> <td>4000 gals 15% HCL gelled acid</td> </tr> <tr> <td>10,881'-10,886'</td> <td>6000 gals 15% HCL acid (below BP)</td> </tr> </table> | | | | | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 10,805'-10,864' | 4000 gals 15% HCL gelled acid | 10,881'-10,886' | 6000 gals 15% HCL acid (below BP) |
| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | | | | | | | | | | | | | | | |
| 10,805'-10,864' | 4000 gals 15% HCL gelled acid | | | | | | | | | | | | | | | |
| 10,881'-10,886' | 6000 gals 15% HCL acid (below BP) | | | | | | | | | | | | | | | |
| 28. PRODUCTION | | | | | | | | | | | | | | | | |
| Date First Production WO: 10/8/09 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping | | | | Well Status (Prod. or Shut-in) Pumping | | | | | | | | | | |
| Date of Test 10/26/09ys | Hours Tested 24 | Choke Size | Prod'n For Test Period: | Oil - Bbl 11 | Gas - MCF 3 | Water - Bbl. 26 | Gas - Oil Ratio | | | | | | | | | |
| Flow Tubing Press. | Casing Pressure | Calculated 24- Hour Rate | Oil - Bbl. 11 | Gas - MCF 3 | Water - Bbl. 26 | Oil Gravity - API - (Corr.) | | | | | | | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vent | | | | | | | 30. Test Witnessed By: Jerry Smith | | | | | | | | | |
| 31. List Attachments | | | | | | | | | | | | | | | | |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. | | | | | | | | | | | | | | | | |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial: <div style="display: flex; justify-content: space-between;"> Latitude Longitude NAD 1927 1983 </div> | | | | | | | | | | | | | | | | |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief | | | | | | | | | | | | | | | | |
| Signature | | Printed Name | | Title: Petroleum Engineer | | Date: 11/2/09 | | | | | | | | | | |
| E-mail Address: mike@pippinllc.com | | | | | | | | | | | | | | | | |

Kz

SHELL LUSK ANB #2

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....
No. 4, from.....to.....

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

| From | To | Thickness In Feet | Lithology |
|------|----|----------------------|-------------|
| | | | - On File - |