

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

# State of New Mexico

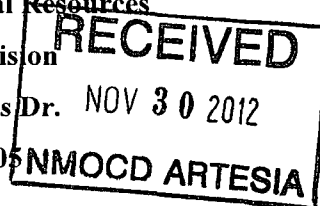
Form C-101  
Revised November 14, 2012

## Energy Minerals and Natural Resources

### Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505



AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|  |                               |                           |
|--|-------------------------------|---------------------------|
| 1. Operator Name and Address<br>LEGEND NATURAL GAS III LIMITED PARTNERSHIP<br>15021 KATY FREEWAY, SUITE 200, HOUSTON, TX 77094 |                               | 2. OGRID Number<br>258894 |
| 3. Property Name<br>COLT STATE   | 4. APL Number<br>30-015-46862 | 5. Well No.<br>2H         |

| 7. Surface Location |              |                  |               |         |                  |               |                  |               |                |
|---------------------|--------------|------------------|---------------|---------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>Lot 4/D | Section<br>5 | Township<br>25 S | Range<br>28 E | Lot Idn | Feet from<br>330 | N/S Line<br>N | Feet From<br>380 | E/W Line<br>W | County<br>EDDY |

| 8. Proposed Bottom Hole Location |              |                  |               |         |                  |               |                  |               |                |
|----------------------------------|--------------|------------------|---------------|---------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>M                    | Section<br>5 | Township<br>25 S | Range<br>28 E | Lot Idn | Feet from<br>330 | N/S Line<br>S | Feet From<br>380 | E/W Line<br>W | County<br>EDDY |

|   |           |                    |
|---|-----------|--------------------|
| 9. Pool Information<br>WILLOW LAKE; BONE SPRING | Pool Name | Pool Code<br>64450 |
|---|-----------|--------------------|

|                                |  |  |                     |  |
|--------------------------------|--|--|---------------------|--|
| 11. Work Type<br>N             | 12. Well Type<br>O                         | 13. Cable/Rotary<br>C  | 14. Lease Type<br>S | 15. Ground Level Elevation<br>3038                         |
| 16. Multiple<br>N              | 17. Proposed Depth<br>7900 TVD & 12300' MD | 18. Formation<br>BONE SPRING                                   | 19. Contractor      | 20. Spud Date<br>UPON APPROVAL                             |
| Depth to Ground water<br><133' |  | Distance from nearest fresh water well<br>7563' NE OF WINDMILL |                     | Distance to nearest surface water<br>1800' S OF CHINA DRAW |

| 21. Proposed Casing and Cement Program |           |             |                  |               |                 |               |
|--|-----------|-------------|------------------|---------------|-----------------|---------------|
| Type                                   | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
| SURFACE                                | 17.5      | 13.375      | 48               | 400' TVD      | 445             | GL            |
| INTERMED.                              | 12.25     | 9.625       | 36               | 2500' TVD     | 655             | GL            |
| PRODUCT.                               | 7.785     | 5.5         | 17               | 7900 & 12300' | 1695            | GL            |

|   |
|---|
| 22. Casing/Cement Program: Additional Comments<br>SET DV TOOL @ 2700' TVD/MD STAGE 1 = 1275 SX & STAGE 2 = 420 SX |
|---|

| 22. Proposed Blowout Prevention Program |                  |               |              |
|---|------------------|---------------|--------------|
| Type                                    | Working Pressure | Test Pressure | Manufacturer |
|   | 5000             | 3500          |              |

|   |                       |   |  |
|---|-----------------------|---|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable.<br>Signature: <i>Brian Wood</i> |                       | OIL CONSERVATION DIVISION   |  |
| Printed name: BRIAN WOOD  |                       | Approved By: <i>I. C. Shepard</i>                                 |  |
| Title: CONSULTANT   |                       | Title: <i>SGD/PLST</i>  |  |
| E-mail Address: brian@permitswest.com   |                       | Approved Date: <i>12/3/2012</i> Expiration Date: <i>12/3/2014</i> |  |
| Date: 11-29-12  | Phone: (505) 466-8120 | Conditions of Approval Attached                                   |  |

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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                               |   |                                       |
|-------------------------------|---|---------------------------------------|
| API Number<br>30-015- 40862   | Pool Code<br>64450                            | Pool Name<br>WILLOW LAKE; BONE SPRING |
| Property Code<br>258894 39572 | Property Name<br>COLT STATE Com               | Well Number<br>2H                     |
| OGRID No.<br>258894           | Operator Name<br>LEGEND NATURAL GAS III, L.P. | Elevation<br>3038'                    |

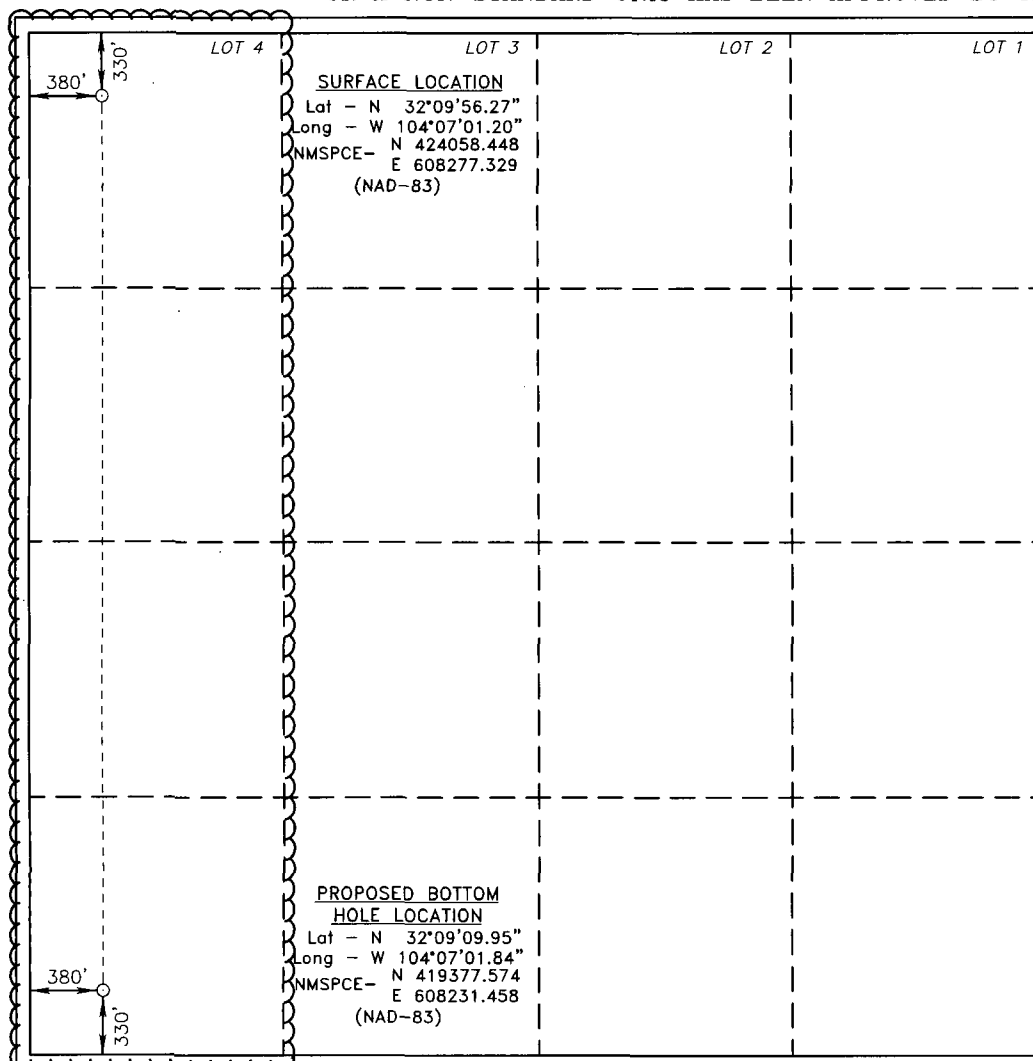
Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| LOT 4         | 5       | 25 S     | 28 E  |         | 330           | NORTH            | 380           | WEST           | EDDY   |

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 |
|---------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| M                         | 5               | 25 S               | 28 E      |         | 330           | SOUTH            | 380           | WEST           | EDDY   |
| Dedicated Acres<br>160.36 | Joint or Infill | Consolidation Code | 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



OPERATOR CERTIFICATION

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.

*Brian Wood*

11-29-12

Signature

Date

Brian Wood

brian@permitswest.com

Email Address

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.

NOVEMBER 14, 2012

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No. 27653

Professional Surveyor

7977

Basin Surveys

27653

Certificate No. Gary L. Jones 7977

Basin Surveys

27653

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