

District I1625 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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011

Permit 210665

HOBBS OCD

OCT 05 2015

RECEIVED

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

| | | |
|--|--|-------------------------------|
| 1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City, OK 73102 | | 2. OGRID Number 6137 |
| 4. Property Code 314792 | | 3. API Number 30-025-42821 |
| 5. Property Name NORTH THISTLE 2 STATE | | 6. Well No. 002H |

7. Surface Location

| | | | | | | | | | |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot B | Section 2 | Township 23S | Range 33E | Lot Idn | Feet From 505 | N/S Line N | Feet From 1980 | E/W Line E | County LEA |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|---------------|

8. Proposed Bottom Hole Location

| | | | | | | | | | |
|---------------|--------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot O | Section 2 | Township 23S | Range 33E | Lot Idn O | Feet From 330 | N/S Line S | Feet From 2290 | E/W Line E | County Lea |
|---------------|--------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

9. Pool Information

| | |
|--------------------------|------|
| BRINNINSTOOL;BONE SPRING | 7320 |
|--------------------------|------|

Additional Well Information

| | | | | |
|---------------------------|-----------------------------|--|-------------------------|------------------------------------|
| 11. Work Type New Well | 12. Well Type OIL | 13. Cable/Rotary | 14. Lease Type State | 15. Ground Level Elevation 3515 |
| 16. Multiple N | 17. Proposed Depth 15241 | 18. Formation Bone Spring | 19. Contractor | 20. Spud Date 12/7/2015 |
| Depth to Ground water | | Distance from nearest fresh water well | | Distance to nearest surface water |

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5 | 13.375 | 54.5 | 1000 | 1070 | 0 |
| Int1 | 12.25 | 9.625 | 40 | 5000 | 1500 | 0 |
| Prod | 8.75 | 5.5 | 17 | 15241 | 2040 | 4800 |

Casing/Cement Program: Additional Comments

| |
|---|
| SEE DRILLING PLANS FOR ADDITIONAL CASING AND CEMENTING DETAILS. |
|---|

22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular | 3000 | 3000 | |
| Double Ram | 3000 | 3000 | |
| Annular | 3000 | 3000 | |
| Double Ram | 3000 | 3000 | |

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: *Megan Morance*

Printed Name:

Title:

Email Address:

Date:

Phone:

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

OCT 13 2015

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-102

August 1, 2011

Permit 210665

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------|---|--|
| 1. API Number | 2. Pool Code 7320 | 3. Pool Name BRINNINSTOOL;BONE SPRING |
| 4. Property Code 314792 | 5. Property Name NORTH THISTLE 2 STATE | 6. Well No. 002H |
| 7. OGRID No. 6137 | 8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP | 9. Elevation 3515 |

10. Surface Location

| | | | | | | | | | |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot B | Section 2 | Township 23S | Range 33E | Lot Idn | Feet From 505 | N/S Line N | Feet From 1980 | E/W Line E | County LEA |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|---------------|

11. Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-------------------------------|---------------------|-----------------|------------------------|---------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot O | Section 2 | Township 23S | Range 33E | Lot Idn | Feet From 330 | N/S Line S | Feet From 2290 | E/W Line E | County LEA |
| 12. Dedicated Acres 159.73 | 13. Joint or Infill | | 14. Consolidation Code | | | | 15. 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>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(s) 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> | |
| | E-Signed By: <i>Megan Morano</i> Title: Date: | |
| | SURVEYOR CERTIFICATION | |
| <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> | | |
| Surveyed By: Filimon Jaramillo Date of Survey: 9/21/2015 Certificate Number: 12797 | | |

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

Form APD Comments

Permit 210665

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

PERMIT COMMENTS

| | |
|---|--------------------------------------|
| Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102 | API Number: |
| | Well: NORTH THISTLE 2 STATE #002H |

| Created By | Comment | Comment Date |
|------------|---|--------------|
| mmoravec | C-102, Plats, Drilling Plan, Drawing and Directional Proposal being submitted via Fed-Ex. | 9/30/2015 |

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

Form APD Conditions

Permit 210665

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

PERMIT CONDITIONS OF APPROVAL

| | |
|---|--------------------------------------|
| Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102 | API Number: |
| | Well: NORTH THISTLE 2 STATE #002H |
| OCD Reviewer | Condition |