

**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-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 <i>30-025-42821</i>
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
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**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
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**9. Pool Information**

BRINNINSTOOL;BONE SPRING	7320
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**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.
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**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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable.	<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Megan Morance</i>	Approved By:	
Printed Name:	Title:	
Email Address:	Approved Date:	Expiration Date:
Date:	Phone:	Conditions of Approval Attached

OCT 13 2015

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Form C-102

August 1, 2011

Permit 210665

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

**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
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**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
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12. Dedicated Acres 159.73	13. Joint or Infill	14. Consolidation Code	15. Order No.
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**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><b>OPERATOR CERTIFICATION</b></p> <p><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></p> <p>E-Signed By: <i>Megan Moran</i></p> <p>Title:</p> <p>Date:</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Filimon Jaramillo</p> <p>Date of Survey: 9/21/2015</p> <p>Certificate Number: 12797</p>

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 Santa Fe, NM 87505**

Form APD Comments

Permit 210665

**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

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**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
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