

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3482

**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 205727

**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 38639		3. API Number 30-025-42623
5. Property Name BLACK MAMBA 15 STATE COM		6. Well No. 007H

**7. Surface Location**

UL - Lot	P	Section	10	Township	23S	Range	33E	Lot Idn		Feet From	460	N/S Line	S	Feet From	810	E/W Line	E	County	Lea
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**8. Proposed Bottom Hole Location**

UL - Lot	P	Section	15	Township	23S	Range	33E	Lot Idn	P	Feet From	330	N/S Line	S	Feet From	1125	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 3653
16. Multiple N	17. Proposed Depth 16215	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 7/30/2015
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	48	1450	1270	0
Int1	12.25	9.625	40	5100	1480	0
Prod	8.75	5.5	17	16215	2350	4900

**Casing/Cement Program: Additional Comments**

See attached Drilling Plan for additional Casing information.
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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 checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature: _____ Printed Name: Electronically filed by Randy Bolles Title: Manager, Regulatory Affairs Email Address: randy.bolles@dmr.com Date: 6/10/2015	<b>OIL CONSERVATION DIVISION</b>  Approved By: Paul Kautz Title: Geologist Approved Date: 6/10/2015 Expiration Date: 6/10/2017 Conditions of Approval Attached
Phone: 405-228-8588	

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Form C-102  
August 1, 2011  
Permit 205727

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42623	2. Pool Code 7320	3. Pool Name BRINNINSTOOL;BONE SPRING
4. Property Code 38639	5. Property Name BLACK MAMBA 15 STATE COM	6. Well No. 007H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3653

**10. Surface Location**

UL - Lot P	Section 10	Township 23S	Range 33E	Lot Idn	Feet From 460	N/S Line S	Feet From 810	E/W Line E	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot P	Section 15	Township 23S	Range 33E	Lot Idn	Feet From 330	N/S Line S	Feet From 1125	E/W Line E	County Lea
12. Dedicated Acres 160.00	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**

<div style="border: 1px solid black; height: 150px; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 50px; height: 50px; background-color: gray;"></div> <div style="position: absolute; bottom: 0; right: 0; width: 50px; height: 50px; background-color: gray;"></div> <div style="position: absolute; bottom: 0; right: 0; width: 50px; height: 50px; background-color: gray;"></div> <div style="position: absolute; bottom: 0; right: 0; width: 50px; height: 50px; background-color: gray;"></div> </div>	<p style="text-align: center;"><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: Randy Bolles Title: Manager, Regulatory Affairs Date: 6/10/2015</p> <hr/> <p style="text-align: center;"><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: Frank Jaramillo Date of Survey: 5/8/2015 Certificate Number: 12797</p>
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**Santa Fe, NM 87505**

Form APD Comments  
  
 Permit 205727

**PERMIT COMMENTS**

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-025-42623
		Well: BLACK MAMBA 15 STATE COM #007H
Created By	Comment	Comment Date
Igood	C-102, plats, Drilling Plan & Directional Plan will be submitted via Fed ex	6/9/2015

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Form APD Conditions

Permit 205727

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102	API Number: 30-025-42623
	Well: BLACK MAMBA 15 STATE COM #007H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water