

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 144222

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

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-40038
4. Property Code 30668	5. Property Name SPUD 16 STATE	6. Well No. 008

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	23S	29E	D	523	N	665	W	EDDY

8. Pool Information

bone spring	0
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 2971
14. Multiple N	15. Proposed Depth 11672	16. Formation 1st Bone Spring Sand	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	12.25	9.625	40	3000	1250	0
Prod	8.75	5.5	17	11672	615	0
Prod	8.75	5.5	17	7900	1835	0

Casing/Cement Program: Additional Comments

13 3/8" lead w/ 150 sx C1 C + 2% bwoc Calcium Chloride + 0.125#/sx CF + 4% bwoc Bentonite + 81.4% FW. Tail w/200 sx C1 C + 2% bwoc Calcium Chloride + 0.125#/sx CF + 56.3% FW. 9 5/8" lead w/ 950 sx(60:40) Poz (Fly Ash)C1 C +5% bwow Sodium Chloride + 0.125#/sx CF + 3#/sx LCM-1 + 1% bwoc Sodium Metasilicate + 89.7% FW. Tail w/ 300 sx (60:40) Poz (Fly Ash)C1 C +5% bwow Sodium Chloride + 0.125#/sx CF + 0.4% bwoc Sodium Metasilicate + 4%bwoc MPA-5 + 65.5% FW. 5 1/2" Lead w/630 sx(35:65) Poz (Fly Ash)C1 H +3% bwow Sodium Chloride + 0.125#/sx CF + 3#/sx LCM-1 + 0.7% bwoc FL-52 + 6% bwoc Bentonite + 102.5% FW. Tail w/1205 sx (50:50) Poz (Fly Ash) C1 H+ 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.4% bwoc FL-52 + 0.6% bwoc Sodium Metasilicate +5% bwow Sodium Chloride + 57.3% FW. 2nd Stage 5 1/2" Lead w/465 sx C1 C + 1% bwoc R-3 + 0.125#/sx CF + 3% bwoc Sodium Metasilicate + 157% FW. Tail w/150 sx (60:40) Poz (Fly Ash)C1 C +5% bwow Sodium Chloride + 0.125#/sx CF + 0.4% bwoc Sodium Metasilicate + 4%

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed Name: Electronically filed by Randy Bolles

Title: Manager, Regulatory Affairs

Email Address: randy.bolles@dmn.com

Date: 3/12/2012

Phone: 405-228-8588

OIL CONSERVATION DIVISION

Approved By: Randy Dade

Title: District Supervisor

Approved Date: 3/13/2012

Expiration Date: 3/13/2014

Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 144222

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40038	2. Pool Code	3. Pool Name bone spring
4. Property Code 30668	5. Property Name SPUD 16 STATE	6. Well No. 008
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 2971







10. Surface Location

UL - Lot D	Section 16	Township 23S	Range 29E	Lot Idn	Feet From 523	N/S Line N	Feet From 665	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot A	Section 16	Township 23S	Range 29E	Lot Idn A	Feet From 600	N/S Line N	Feet From 330	E/W Line E	County EDDY
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

<table border="1" style="width: 100%; border-collapse: collapse; height: 150px;"> <tr> <td style="width: 25%; text-align: center; vertical-align: middle;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%; text-align: center; vertical-align: middle;"></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	<p style="text-align: center;">OPERATOR CERTIFICATION</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: 3/12/2012</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: Gary Jones Date of Survey: 5/30/2008 Certificate Number: 7977</p>
																	

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SPUD 16 STATE #008

API: 30-015-40038

Created By	Comment	Comment Date
barnettj	No H2S is expected to be encountered.	3/2/2012
barnettj	The BOP system used to drill the intermediate hole will consist of a 13-3/8" 5M Double Ram & Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the surface casing shoe. The BOP system used to drill the production hole will consist of a 13-3/8" 3M Double Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 5M system prior to drilling out the intermediate casing shoe. Pipe rams will be operated and checked each 24 hour period and blind rams tested each time th	3/8/2012
CSHAPARD	Land p/S	3/12/2012

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SPUD 16 STATE #008

API: 30-015-40038

OCD Reviewer	Condition
CSHAPARD	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