

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) 334-6178 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 185868

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
		3. API Number 30-015-42377
4. Property Code 313246	5. Property Name Rosco 16 State SWD	6. Well No. 001

7. Surface Location

UL - Lot L	Section 16	Township 23S	Range 26E	Lot Idn	Feet From 1665	N/S Line S	Feet From 600	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot L	Section 16	Township 23S	Range 26E	Lot Idn L	Feet From 1665	N/S Line S	Feet From 600	E/W Line W	County Eddy
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9. Pool Information

SWD;CANYON-MOR-DEV-ELLEN	96189
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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 3371
16. Multiple N	17. Proposed Depth 15103	18. Formation Simpson	19. Contractor	20. Spud Date 6/8/2014
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	26	20	94	180	470	0
Int1	17.5	13.375	68	1470	910	0
Int2	12.25	9.625	47	8800	1800	970
Prod	8.5	7	29	12403	550	8300
Prod	5.875	0	0	15103	0	0

Casing/Cement Program: Additional Comments

THIS IS AN SWD WELL *9-5/8" Intermediate and 7" production casing are actually "HCP-110", which did not fit. **Last production "string" shown is actually an open hole completion for salt water injection ***Complete Drilling plan was mailed to Artesia NMOC field office on 5/8/14. Two stage 2nd intermediate cementing option is included. Notes: • Cement volumes Surface 100%, Intermediate #1 75%, Intermediate #2 50% and Production based on at least 25% excess. • Actual cement volumes will be adjusted based on fluid caliper and/or caliper log data. • If lost severe circulation is encountered while drilling the intermediate wellbore, a DV tool will be installed a minimum of 50' below the previous casing shoe and of 200' above the current shoe. If the DV tool has to be moved, the cement volumes will be adjusted proportionately.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	2000	
Double Ram	5000	5000	

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:

Printed Name: Electronically filed by Randy Bolles

Title: Manager, Regulatory Affairs

Email Address: randy.bolles@dmn.com

Date: 5/8/2014

Phone: 405-228-8588

OIL CONSERVATION DIVISION

Approved By: Randy Dade

Title: District Supervisor

Approved Date: 5/15/2014

Expiration Date: 5/15/2016

Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 185868

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42377	2. Pool Code 96189	3. Pool Name SWD;CANYON-MOR-DEV-ELLEN
4. Property Code 313246	5. Property Name Rosco 16 State SWD	6. Well No. 001
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3371

10. Surface Location

UL - Lot L	Section 16	Township 23S	Range 26E	Lot Idn	Feet From 1665	N/S Line S	Feet From 600	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00				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; width: 100px; height: 100px; margin: 0 auto; position: relative;"> <!-- Well location marker --> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); width: 10px; height: 10px; background-color: gray; border: 1px solid black;"></div> </div>	<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: 5/8/2014</p>
	<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: Filimon Jaramillo Date of Survey: 3/26/2014 Certificate Number: PLS 12797</p>

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Form APD Comments

Permit 185868

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42377
		Well: Rosco 16 State SWD #001

Created By	Comment	Comment Date
RDELONG	This is an SWD well. Complete Drilling Plan is was mailed to the Artesia NMOCD field office on 5/8.	5/8/2014
CSHAPARD	Land s/s	5/12/2014

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Form APD Conditions

Permit 185868

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42377
		Well: Rosco 16 State SWD #001
OCD Reviewer	Condition	
CSHAPARD	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.	