

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 257978

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
4. Property Code 320827		3. API Number 30-015-45303
5. Property Name SPUD MUFFIN 31 30		6. Well No. 334H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	31	23S	29E		485	S	250	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	30	23S	29E	A	20	N	975	E	Eddy

9. Pool Information

CEDAR CANYON;BONE SPRING	11520
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2960
16. Multiple N	17. Proposed Depth 20050	18. Formation Bone Spring	19. Contractor	20. Spud Date 1/28/2019
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	400	310	0
Int1	12.25	9.625	40	2700	617	0
Prod	8.75	5.5	17	20050	1135	2500

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Blind	5000	5000	
Double Ram	5000	5000	
Annular	5000	5000	
Blind	5000	5000	
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:

OIL CONSERVATION DIVISION

Printed Name: Electronically filed by Daniel Peach	Approved By: Raymond Podany
Title:	Title: Geologist
Email Address: danny.peach@dvn.com	Approved Date: 10/2/2018 Expiration Date: 10/2/2020
Date: 10/1/2018 Phone: 405-552-4660	Conditions of Approval Attached

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Form C-102
 August 1, 2011
 Permit 257978

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-45303	2. Pool Code 11520	3. Pool Name CEDAR CANYON;BONE SPRING
4. Property Code 320827	5. Property Name SPUD MUFFIN 31 30	6. Well No. 334H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 2960

10. Surface Location

UL - Lot P	Section 31	Township 23S	Range 29E	Lot Idn	Feet From 485	N/S Line S	Feet From 250	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 30	Township 23S	Range 29E	Lot Idn	Feet From 20	N/S Line N	Feet From 975	E/W Line E	County Eddy
12. Dedicated Acres 320.00	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

	<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: Daniel Peach Title: Date: 10/1/2018</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: FRANK JARAMILLO Date of Survey: 9/12/2018 Certificate Number: 12797</p>

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Form APD Comments

Permit 257978

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 20 N Broadway Oklahoma City , OK 73102		API Number: 30-015-45303
		Well: SPUD MUFFIN 31 30 #334H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 257978

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 20 N Broadway Oklahoma City , OK 73102		API Number: 30-015-45303
		Well: SPUD MUFFIN 31 30 #334H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	