

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 249000

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 320827		3. API Number 30-015-44755
5. Property Name SPUD MUFFIN 31 30		6. Well No. 736H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	31	23S	29E	O	475	S	2015	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
J	30	23S	29E	J	2630	S	1650	E	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2960
16. Multiple N	17. Proposed Depth 18512	18. Formation Wolfcamp	19. Contractor	20. Spud Date 9/18/2018
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	315	0
Int1	12.25	9.625	40	2970	700	0
Int2	8.75	7.625	29.7	10700	486	0
Prod	6.75	5.5	20	18512	687	10500

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	
Pipe	5000	5000	
Annular	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	
Pipe	5000	5000	
Annular	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	
Pipe	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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Electronically filed by Daniel Peach	Approved By: Raymond Podany
Title:	Title: Geologist
Email Address: danny.peach@dv.com	Approved Date: 3/1/2018
Date: 2/27/2018	Expiration Date: 3/1/2020
Phone: 405-552-4660	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 249000

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-44755	2. Pool Code 98220	3. Pool Name PURPLE SAGE;WOLFCAMP (GAS)
4. Property Code 320827	5. Property Name SPUD MUFFIN 31 30	6. Well No. 736H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 2960

10. Surface Location

UL - Lot O	Section 31	Township 23S	Range 29E	Lot Idn O	Feet From 475	N/S Line S	Feet From 2015	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot J	Section 30	Township 23S	Range 29E	Lot Idn	Feet From 2630	N/S Line S	Feet From 1650	E/W Line E	County Eddy
12. Dedicated Acres 480.00	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

	OPERATOR CERTIFICATION <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> E-Signed By: Daniel Peach Title: Date: 2/27/2018
	SURVEYOR CERTIFICATION <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> Surveyed By: Frank Jaramillo Date of Survey: 2/7/2018 Certificate Number: 12797

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Form APD Comments

Permit 249000

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-44755
		Well: SPUD MUFFIN 31 30 #736H
Created By	Comment	Comment Date
RKlein	lease type	2/27/2018

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Form APD Conditions

Permit 249000

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-44755
		Well: SPUD MUFFIN 31 30 #736H

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