

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

Form C-101

August 1, 2011

Permit 257697

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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 30-015-45267
4. Property Code 320827	5. Property Name SPUD MUFFIN 31 30	6. Well No. 623H

7. Surface Location

UL - Lot N	Section 31	Township 23S	Range 29E	Lot Idn N	Feet From 625	N/S Line S	Feet From 2435	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot B	Section 30	Township 23S	Range 29E	Lot Idn B	Feet From 230	N/S Line N	Feet From 1870	E/W Line E	County Eddy
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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 2959
16. Multiple N	17. Proposed Depth 19960	18. Formation Wolfcamp	19. Contractor	20. Spud Date 2/3/2019
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	10.75	45.5	2700	590	0
Int2	9.875	7.625	29.7	9489	920	0
Int3	8.75	7.625	29.7	10389	1224	0
Prod	6.75	5.5	20	19960	702	10189

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.		OIL CONSERVATION DIVISION	
Signature:			
Printed Name: Electronically filed by Daniel Peach		Approved By: Raymond Podany	
Title:		Title: Geologist	
Email Address: danny.peach@dvn.com		Approved Date: 9/27/2018	Expiration Date: 9/27/2020
Date: 9/24/2018	Phone: 405-552-4660	Conditions of Approval Attached	

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 257697

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-45267	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. 623H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 2959

10. Surface Location

UL - Lot N	Section 31	Township 23S	Range 29E	Lot Idn N	Feet From 625	N/S Line S	Feet From 2435	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot B	Section 30	Township 23S	Range 29E	Lot Idn	Feet From 230	N/S Line N	Feet From 1870	E/W Line E	County Eddy
12. Dedicated Acres 640.00	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: 9/24/2018
	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: 8/30/2018 Certificate Number: 12797

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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

Form APD Comments

Permit 257697

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 20 N Broadway Oklahoma City , OK 73102		API Number: 30-015-45267
		Well: SPUD MUFFIN 31 30 #623H

Created By	Comment	Comment Date
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Santa Fe, NM 87505

Form APD Conditions

Permit 257697

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 20 N Broadway Oklahoma City , OK 73102		API Number: 30-015-45267
		Well: SPUD MUFFIN 31 30 #623H
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	