

Initial Application Part I

Received: 08/22/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 08/22/2019	REVIEWER:	TYPE: PLC	APP NO: pMAM1923444060
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Devon Energy Production Co., LP **OGRID Number:** 6137
Well Name: Spud Muffin 31-30 334H, 623H, 624H, 735H, 736H, & 738H **API:** 30-015-45303, 30-015-45268, 30-015-44757, 30-015-45267, 30-015-44754, & 30-015-44755
Pool: Berry; Bone Spring, South **Pool Code** 11520 & 98220

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED
 BELOW**

PLC-600

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☒ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

A. ☐ Offset operators or lease holders

☐ **Royalty, overriding royalty owners, revenue owners**

B. ☐ Application requires published notice

C. ☐ Notification and/or concurrent approval by SLO

D. ☐ Notification and/or concurrent approval by BLM

E. ☐ Surface owner

F. ☐ For all of the above, proof of notification or publication is attached, and/or,

G. ☐ No notice required

FOR OCD ONLY

☐ Notice Complete

☐ Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Erin Workman

Print or Type
Name

Erin Workman

Signature

08/21/19

Date

(405) 552-7970

Phone Number

Erin.workman@dvsn.com

e-mail Address



Devon Energy Corporation
333 West Sheridan Avenue
Oklahoma City, OK 73102-5010

405 552-7970 Phone
Erin.workman@devn.com

August 21, 2019

Mr. Michael McMillian
State of New Mexico
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: PLC\OLM
Spud Muffin 31 CTB 2 Battery
Sec., T, R: Sec 31, T23S, R29E
Lease: FEE & JOA 2019510
API: 30-025-45303, 30-015-45268, 30-015-44757, 30-015-45267,
30-015-44754, & 30-015-44755
Pool: Cedar Canyon; Bone Spring & Purple Sage; Wolfcamp
County: Eddy Co., New Mexico

Dear Mr. McMillian:

Please find attached the OCD Form C-107 Notice of Intent for a Pool Lease Commingle/Off-Lease Measurement, Sales, & Storage of the aforementioned wells.

The working interest, royalty interest and overriding royalty interest owners are not identical, therefore notifications have been sent.

Subsequently drilled wells that produce from the subject pools within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

Should you have any questions or need further assistance, please do not hesitate to contact me at (405) 552-7970.

Sincerely,

A handwritten signature in blue ink that reads "Erin Workman". The signature is fluid and cursive, with the first name "Erin" and last name "Workman" clearly distinguishable.

Erin Workman
Regulatory Compliance Professional

Enclosures

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Ave, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Devon Energy Production Co., LP

OPERATOR ADDRESS: 333 W Sheridan Avenue, Oklahoma City, OK 73102

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No.

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☐ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Cedar Canyon, Bone Spring (11520)	46.7				
Purple Sage, Wolfcamp (98220)	48	47.35			

(2) Are any wells producing at top allowables? ☐ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.

(4) Measurement type: ☒ Metering ☐ Well Test Method

(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? ☐ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☒ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Erin Workman TITLE: Regulatory Compliance Analyst DATE: 08/21/19

TYPE OR PRINT NAME: Erin Workman TELEPHONE NUMBER: 405-552-7970

E-MAIL ADDRESS: Erin.Workman@devn.com

APPLICATION FOR A POOL\LEASE COMMINGLE

Proposal for Spud Muffin 334H, 623H, 624H, 735H, 736H, & 738H

Devon Energy Production Company, LP is requesting approval for a Pool\Lease Commingle\Off Lease Measurement, Sales, & Storage for the following wells:

Federal Lease: FEE	JOA – 2019510 (CA submitted)						
Well Name	Location	API #	Pool 11520 & 98220	BOPD	OG	MCFPD	BTU
Spud Muffin 31-30 334H	Sec. 31, SESE, T23S, R29E	30-015-45303	Cedar Canyon; Bone Spring	1943	46.7	3693	1394
Spud Muffin 31-30 624H	Sec. 31, SESE, T23S, R29E	30-015-45268	Purple Sage; Wolfcamp	483	48	4559	no data *
Spud Muffin 31-30 738H	Sec. 31, SESE, T23S, R29E	30-015-44757	Purple Sage; Wolfcamp	483	48	4559	no data *

Federal Lease: FEE	JOA – 2019510 (CA submitted)						
Well Name	Location	API #	Pool 98220	BOPD	OG	MCFPD	BTU
Spud Muffin 31-30 623H	Sec. 31, SWSE, T23S, R29E	30-015-45267	Purple Sage; Wolfcamp	483	48	4559	no data *
Spud Muffin 31-30 735H	Sec. 31, SESW, T23S, R29E	30-015-44754	Purple Sage; Wolfcamp	483	48	4559	no data *
Spud Muffin 31-30 736H	Sec. 31, SESW, T23S, R29E	30-015-44755	Purple Sage; Wolfcamp	483	48	4559	no data *

* Note all data is from offset wells and production data is from offset operators. Will provide production numbers upon receipt

Communization Agreements have been submitted

Oil & Gas metering:

The central tank battery, Spud Muffin 31 CTB 2, is located in SESE, S23, T23S, R29E in Eddy County, New Mexico.

Each well is routed to its own 3-phase separator where the full well stream is separated into gas, oil, and water streams. For each well, after separation, gas is measured with an independent, designated orifice meter for allocation, then flows into a gas production line where it is combined with gas from the other wells and flows through a gas sales meter(s). The oil from the 3-phase separator is measured with an independent, designated Micro Motion Coriolis Meter for allocation. It then combines with the oil production from the other wells, flows into the heater treater(s), then into the Ultra-Low Pressure Separator(s) (ULPS), and into one of the oil tanks. The oil is then pumped out of the common tanks to an oil sales meter (LACT unit). The water from the 3-phase separator is measured with an independent, designated Mag meter for allocation, combines with the water from the other wells, then flows into the gun barrel, and into one of the produced water tanks. Flash gas that exits the heater treater(s) and ULPS(s) flows to the Vapor Recovery Unit (VRU). After exiting the VRU, the gas will be measured through a designated orifice meter for allocation.

The central tank battery will have 3 oil tanks and 3 water tanks that all wells will utilize. All wells will have 1 common gas delivery point on location). They will also share 1 common oil delivery point(s) (LACT) on location).

Meter Owner / Serial Number:

Well Name	Gas Allocation Meter	Oil Allocation Meter	Gas FMP	Oil FMP	Water Allocation Meter	VRU Allocation Meter
SPUD MUFFIN 31-30 334H	DVN /	DVN /	DVN/	EnLink/	DVN /	DVN /
SPUD MUFFIN 31-30 623H	DVN /	DVN /	DVN/	EnLink/	DVN /	DVN /
SPUD MUFFIN 31-30 624H	DVN /	DVN /	DVN/	EnLink/	DVN /	DVN /
SPUD MUFFIN 31-30 735H	DVN /	DVN /	DVN/	EnLink/	DVN /	DVN /
SPUD MUFFIN 31-30 736H	DVN /	DVN /	DVN/	EnLink/	DVN /	DVN /
SPUD MUFFIN 31-30 738H	DVN /	DVN /	DVN/	EnLink/	DVN /	DVN /

* Meter serial numbers to be provided upon receipt.

The total of all oil sales meters will be allocated to each well based on the oil allocation meter located downstream of each well's 3-phase separator. The total of all gas sales meters will be allocated to each well based on the gas allocation meter located downstream of each well's 3-phase separator and the VRU allocation meter. The VRU allocation meter volumes will be allocated to each well based on the oil allocation meter of each well. The BLM and OCD will be notified of any future changes to the facilities.

Process and Flow Descriptions:

The flow of produced fluids is described above and shown in detail on the enclosed facility diagram, along with a description of each vessel and map which shows the lease boundaries, location of wells, facility, and gas sales meter.

The proposed commingling is appropriate based on the guidance of OCD's 19.15.12 regulations. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the state leases and will reduce environmental impacts by minimizing surface disturbance and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect state royalty income, production accountability, or the distribution of royalty.

Devon Energy Production Company, LP understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Date: 08/21/19

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) 748-4283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

NM OIL CONSERVATION
State of New Mexico **ARTESIA DISTRICT**
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

DEC 13 2018

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45303	¹ Pool Code 11520	² Pool Name CEDAR CANYON, BONE SPRING
⁴ Property Code 320827	⁴ Property Name SPUD MUFFIN 31-30	
⁷ OGRID No. 6137	⁴ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	
		⁶ Well Number 334H
		⁶ Elevation 2960.3

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	23 S	29 E		485	SOUTH	280	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	23 S	29 E		20	NORTH	975	EAST	EDDY

¹¹ Dedicated Acres 320	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Order No.
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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 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 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.

Signature: Erin Workman Date: 12/12/18

Printed Name: Erin Workman

E-mail Address: Erin.workman@dmv.com

" SURVEYOR CERTIFICATION

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.

DECEMBER 4, 2018

Date of Survey: _____

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: FILMON E. JARAMILLO, PLS 12797

SURVEY NO. 6277D

RWP 12-24-18

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
ARTESIA DISTRICT
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Submit one copy to appropriate
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JAN 22 2019

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45267	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP,
⁴ Property Code 320827	⁵ Property Name SPUD MUFFIN 31-30	⁶ Well Number 623H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 2959.3

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	23 S	29 E		625	SOUTH	2435	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	30	23 S	29 E		20	NORTH	1870	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
640			

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.

¹¹ OPERATOR CERTIFICATION

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 released mineral interest in the land including the proposed bottom hole location or has a right to drill this well as 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.

Erin Workman 01/22/2019
Signature Date
Erin Workman
Printed Name
Erin.workman@dmv.com
E-mail Address

¹² SURVEYOR CERTIFICATION

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.

DECEMBER 19, 2018
Date of Survey
FILMON F. JARAMILLO
Signature and Seal of Professional Surveyor
Certificate Number: 47810N E. JARAMILLO, PLS 12797
SURVEY NO. 5961D

WSP Required

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

JAN 22 2019

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WELL LOCATION AND ACREAGE DEDICATION PLAT

Change B/C

¹ API Number 30-015-45268		² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 320827	⁵ Property Name SPUD MUFFIN 31-30		⁶ Well Number 624H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 2959.7

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	23 S	29 E		485	SOUTH	250	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	23 S	29 E		20	NORTH	380	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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>17 OPERATOR CERTIFICATION</p> <p>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 undivided mineral interest in the land including the proposed bottom hole location 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.</p> <p><i>Erin Workman</i> 01/21/2019 Signature Date</p> <p>Erin Workman Printed Name</p> <p>Erin.workman@dvn.com E-mail Address</p>		<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 19, 2018 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FLEMONT F. JARAMILLO, PLS 12797 SURVEY NO. 5962E</p>	
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NSP Required

RWP-1-22-19

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 Road, Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
 District IV
 1720 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

FEB 05 2019

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44754		² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 32087	⁵ Property Name SPUD MUFFIN 31-30		⁶ Well Number 735H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 2962.5

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	23 S	29 E		475	SOUTH	2465	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	30	23 S	29 E		20	NORTH	2178	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14262
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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.

¹⁷ OPERATOR CERTIFICATION

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 undivided mineral interest in the land including the proposed bottom hole location 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.

Signature: Erin Workman Date: 02/05/19

Printed Name: Erin Workman

E-mail Address: Erin.workman@dvn.com

¹⁸ SURVEYOR CERTIFICATION

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.

DECEMBER 19, 2018 A.M. 12791

Date of Survey: 12/19/18

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: ELIAMONT F. JARAMILLO, PLS 12797

SURVEY NO. 5950F

WSP Required

District I
3635 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Bravo Road, Aztec, NM 87410
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
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JAN 23 2019
AMENDED REPORT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44755		Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP
Property Code 320827	Property Name SPUD MUFFIN 31-30		Well Number 736H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		Elevation 2960.4

Surface Location

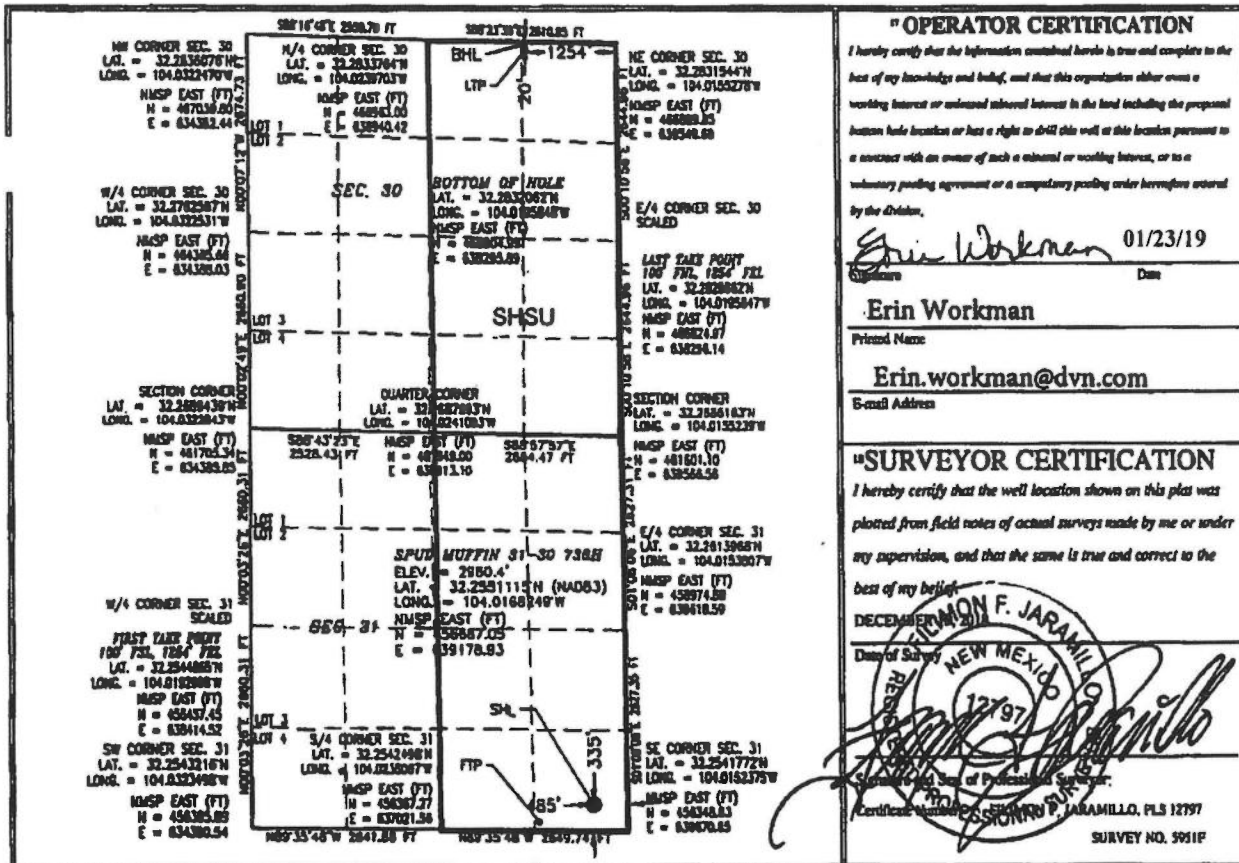
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	23 S	29 E		335	SOUTH	485	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	23 S	29 E		20	NORTH	1254	EAST	EDDY

Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.
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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.



N.S.P. Required
RWP 1-24-19

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

JAN 23 2019

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44757		² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 320827	⁵ Property Name SPUD MUFFIN 31-30		⁶ Well Number 738H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 2960.3

• Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	23 S	29 E		335	SOUTH	455	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	23 S	29 E		20	NORTH	330	EAST	EDDY

¹⁰ Dedicated Acres 640	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
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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.

SECTION 30
LAT. = 32.2833764°N
LONG. = 104.0239703°W
N/MSP EAST (FT)
N = 467039.80
E = 634382.44

SECTION 31
LAT. = 32.2782967°N
LONG. = 104.0322531°W
N/MSP EAST (FT)
N = 464385.86
E = 634388.03

SECTION 32
LAT. = 32.2689439°N
LONG. = 104.0322843°W
N/MSP EAST (FT)
N = 461705.34
E = 634385.86

SECTION 33
LAT. = 32.2544617°N
LONG. = 104.0183105°W
N/MSP EAST (FT)
N = 456450.95
E = 639338.62

SECTION 34
LAT. = 32.2543216°N
LONG. = 104.0323498°W
N/MSP EAST (FT)
N = 456385.99
E = 634380.54

SECTION 35
LAT. = 32.2542498°N
LONG. = 104.0238087°W
N/MSP EAST (FT)
N = 456367.27
E = 637921.56

SECTION 36
LAT. = 32.2541772°N
LONG. = 104.0152375°W
N/MSP EAST (FT)
N = 456348.63
E = 639670.65

SECTION 37
LAT. = 32.254108°N (NAD83)
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 38
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 39
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 40
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 41
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 42
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 43
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 44
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 45
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 46
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 47
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 48
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 49
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 50
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 51
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 52
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 53
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 54
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 55
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 56
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 57
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 58
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 59
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 60
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 61
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 62
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 63
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 64
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 65
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 66
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 67
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 68
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 69
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 70
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 71
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 72
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 73
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 74
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 75
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 76
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 77
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 78
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 79
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 80
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 81
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 82
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 83
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 84
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 85
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 86
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 87
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 88
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 89
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 90
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 91
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 92
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 93
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 94
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 95
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 96
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 97
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 98
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 99
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

SECTION 100
LAT. = 32.253757°N
LONG. = 104.0167879°W
N/MSP EAST (FT)
N = 456886.87
E = 639208.90

" OPERATOR CERTIFICATION
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 undivided mineral interest in the land including the proposed bottom hole location 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.

Erin Workman 01/22/2019
Signature Date

Erin Workman
Printed Name

Erin.workman@dvn.com
E-mail Address

"SURVEYOR CERTIFICATION
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.

DECEMBER 19, 2018
Date of Survey

FILIMON P. JARAMILLO
Signature and Seal of Professional Surveyor

FILIMON P. JARAMILLO, PLS 12797
Certificate Number

SURVEY NO. 5954F

NSP Required
FEB 1-23-19

SPUD MUFFIN CTB 2 APPLICATION

WI Owners:

Devon Energy Production Company, LP

Certified Mailing

Nortex Corporation

9414 8149 0152 7181 7209 16

1415 Louisiana St., Suite 3100
Houston, Texas 77002

Chevron U.S.A., Inc.

9414 8149 0152 7181 7209 23

1400 Smith Street
Houston, Texas 77002

Veritas Permian Resources, LLC

9414 8149 0152 7181 7209 30

P.O. Box 10850
Fort Worth, Texas 76114

ORRI Owners:

LaNell Joy Honeyman, as separate property

9414 8149 0152 7181 7209 61

406 Skywood
Midland, TX 79705-2914

LaNell Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust

406 Skywood
Midland, TX 79705-2914

9414 8149 0152 7181 7209 54

Exile Royalty Company, LLC

9414 8149 0152 7181 7209 78

512 Main St., Suite 10007
Fort Worth, Texas 76102

Michael A. Kulenguski, marital status unknown

9414 8149 0152 7181 7209 85

279 Jones Mtn Rd
Madison, Virginia 22727

Beverly Gay Nichols, marital status unknown

9414 8149 0152 7181 7209 91

2207 Shepherds Ridge Rd.
Charlottesville, Virginia 22901

Benco Energy, Inc.

9414 8149 0152 7181 7210 05

P.O. Box 29
Fort Worth, Texas 76101

Anne W. Marion, as Trustee of the AWM Management Trust

801 Cherry Street

9414 8149 0152 7181 7210 12

Burnett Plaza Suite 1500 Unit 9

Fort Worth, Texas 76102

Occidental Permian, LP

9414 8149 0152 7181 7210 29

5 Greenway Plz

Ste. 110

Houston, TX 77046-0521

Mid-Continent Energy, Inc.

9414 8149 0152 7181 7210 36

P.O. Box 8909

Tucson, Arizona 85738

Roden Participants, Ltd.

9414 8149 0152 7181 7210 43

2603 Augusta Dr., Suite 740

Houston, Texas 77057

Roden Exploration Company

9414 8149 0152 7181 7210 50

2603 Augusta Dr., Suite 740

Houston, Texas 77057

Roden Associates, Ltd.

9414 8149 0152 7181 7210 67

2603 Augusta Dr., Suite 740

Houston, Texas 77057

RKC, Inc.

9414 8149 0152 7181 7209 74

7500 E Arapahoe Rd, Suite 380

Centennial, Colorado 80112-6116

Lerwick I, Ltd., a Family Limited Partnership

101 Brookline Dr

9414 8149 0152 7181 7209 81

Asheville, North Carolina 28803-3498



Devon Energy Production Company
333 W. Sheridan Avenue
Oklahoma City, Oklahoma 73102
Phone: (405)-552-7970
Erin.Workman@dvn.com

August 21, 2019

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: PLC\OLM
 Spud Muffin 31 CTB 2 Battery
 Sec., T, R: Sec 31, T23S, R29E
 Lease: FEE & JOA 2019510
 API: 30-025-45303, 30-015-45268, 30-015-44757, 30-015-45267,
 30-015-44754, & 30-015-44755
 Pool: Cedar Canyon; Bone Spring & Purple Sage; Wolfcamp
 County: Eddy Co., New Mexico

Gentlemen:

This is to advise you that Devon Energy Production Company, LP, is filing an application with the New Mexico Oil Conservation Division ("NMOCD") seeking approval for a Pool Lease Commingle with and Off-Lease Measurement, Sales, & Storage

Any objections or requests that a hearing should be held regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe office within 20 days from the date of this letter.

Please contact the undersigned at (405) 552-7970 should you have any questions or need anything further.

Sincerely,

Devon Energy Production Company, L.P.

A handwritten signature in blue ink that reads "Erin Workman". The signature is written in a cursive, flowing style.

Erin Workman
Regulatory Compliance Professional

Enclosure

