

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING JANUARY 6, 2022**

**APPLICATIONS OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR HORIZONTAL SPACING UNITS
AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22403:

**Muskie 23-11 Fed Com 11H Well
Muskie 23-11 Fed Com 12H Well
Muskie 23-11 Fed Com 13H Well**

Case No. 22404:

**Muskie 23-11 Fed Com 1H Well
Muskie 23-11 Fed Com 2H Well
Muskie 23-11 Fed Com 3H Well
Muskie 23-11 Fed Com 4H Well**

Devon Energy Production Company, L.P.

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TAB 1

Reference for Case No. 22403

Application Case No. 22403 – Muskie 23-11 Fed Com 11H Well, Muskie 23-11
Fed Com 12H Well, and Muskie 23-11 Fed Com 13H Well

NMOCD Checklist Case No. 22403

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22403

APPLICATION

Devon Energy Production Company, L.P. (“Devon”), OGRID No. 6137, through its undersigned attorneys, hereby files this Application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order (1) establishing a standard 800-acre, more or less, spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring formation, designated as an oil pool, underlying said unit.

In support of its Application, Devon states the following:

1. Devon is a working interest owner in the proposed horizontal spacing and proration unit (“HSU”) and has a right to drill a well thereon.
2. Devon proposes and dedicates three initial wells to the HSU, the **Muskie 23-11 Fed Com 11H Well, Muskie 23-11 Fed Com 12H Well, and Muskie 23-11 Fed Com 13H Well**, to be drilled to a depth sufficient to test the Bone Spring formation.
3. Devon proposes the **Muskie 23-11 Fed Com 11H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11.

4. Devon proposes the **Muskie 23-11 Fed Com 12H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location approximately at the midpoint between the NW/4 NW/4 (Unit D) and the NE/4 NW/4 (Unit C) of Section 11. The **Muskie 23-11 Fed Com 12H Well** is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.

5. Devon proposes the **Muskie 23-11 Fed Com 13H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11.

6. The proposed wells are orthodox in their location, and the take points and completed intervals comply with setback requirements under the statewide rules.

7. Devon has sought in good faith, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.

8. The pooling of all interests in the Bone Spring formation within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste and protect correlative rights.

9. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Devon requests that all uncommitted interests in this HSU be pooled and that Devon be designated the operator of the proposed horizontal wells and HSU.

WHEREFORE, Devon requests that this Application be set for hearing on January 6, 2022, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Approving the creation of a standard 800-acre, more or less, spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico;
- B. Pooling all uncommitted mineral interests in the Bone Spring formation underlying the proposed HSU.
- C. Approving the **Muskie 23-11 Fed Com 11H Well, Muskie 23-11 Fed Com 12H Well, and Muskie 23-11 Fed Com 13H Well** as the wells for the HSU.
- D. Designating Devon as operator of this HSU and the horizontal wells to be drilled thereon;
- E. Authorizing Devon to recover its costs of drilling, equipping, and completing the wells;
- F. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- G. Setting a 200% charge for the risk assumed by Devon in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ Darin C. Savage

Darin C. Savage

William E. Zimsky
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**Attorneys for Devon Energy Production
Company, L.P.**

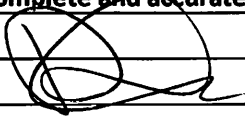
Application of Devon Energy Production Company, L.P. for a Horizontal Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) establishing a standard 800-acre, more or less, horizontal spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation, designated as an oil pool, underlying the unit. The proposed oil wells to be dedicated to the horizontal spacing unit are the **Muskie 23-11 Fed Com 11H Well**, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; **Muskie 23-11 Fed Com 12H Well**, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location approximately at the midpoint between the NW/4 NW/4 (Unit D) and the NE/4 NW/4 (Unit C) of Section 11; and the **Muskie 23-11 Fed Com 13H Well**, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11. The **Muskie 23-11 Fed Com 12H Well** is the proximity well, and proximity tracts will be utilized for the unit. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under the statewide Rules; also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 14 miles southwest of Jal City and 1.5 miles north of the state line.

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 22403	APPLICANT'S RESPONSE
Date	January 4, 2022
Applicant	Devon Energy Production Company, L.P.
Designated Operator & OGRID (affiliation if applicable)	6137
Applicant's Counsel:	Darin C. Savage - Abadie & Schill, PC
Case Title:	Application of Devon Energy Production Company, L.P., for a Horizontal Spacing Unit and Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	N/a
Well Family	Muskie
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Exhibit B-2; Muskie 23-11 Fed Com 11H Well TVD approx. 10,995'; Muskie 23-11 Fed Com 12H Well TVD approx. 10,995'; and Muskie 23-11 Fed Com 13H Well TVD approx. 10,995'
Pool Name and Pool Code:	HARDIN TANK; BONE SPRING [96661]
Well Location Setback Rules:	NMAC statewide rules apply
Spacing Unit Size:	800 acres, more or less
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	800 acres, more or less
Building Blocks:	quarter quarter sections (40 ac tracts)
Orientation:	south - north
Description: TRS/County	NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes; The Muskie 23-11 Fed Com 12H Well is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.
Proximity Defining Well: if yes, description	Yes; The Muskie 23-11 Fed Com 12H Well is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.

Applicant's Ownership in Each Tract	See Landman Exhibit A-2
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #11	Muskie 23-11 Fed Com 11H Well (API No. 30-025-pending), SHL: Unit E, 2,485' FNL, 281' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit D, 20' FNL, 440' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #11 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 11H Well: FTP 2,539' FNL, 440' FWL, Section 23; LTP 100' FNL, 440' FWL, Section 11
Well #11 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 11H Well: TVD approx. 10,995', TMD approx. 23,495'; Bone Spring Formation, See Exhibit B-2
Well #12	Muskie 23-11 Fed Com 12H Well (API No. 30-025-pending), SHL: Unit F, 2,316' FNL, 1,692' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit D, 20' FNL, 1,320' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #12 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 12H Well: FTP 2,538' FNL, 1,320' FWL, Section 23; LTP 100' FNL, 1,320' FWL, Section 11
Well #12 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 12H Well: TVD approx. 10,995', TMD approx. 23,495'; Bone Spring Formation, See Exhibit B-2
Well #13	Muskie 23-11 Fed Com 13H Well (API No. 30-025-pending), SHL: Unit F, 2,316' FNL, 1,782' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit C, 20' FNL, 2,200' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #13 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 13H Well: FTP 2,538' FNL, 2,200' FWL, Section 23; LTP 100' FNL, 2,200' FWL, Section 11
Well #13 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 13H Well: TVD approx. 10,995', TMD approx. 23,495'; Bone Spring Formation, See Exhibit B-2
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000, Exhibist A and A-3
Production Supervision/Month \$	\$800, Exhibits A and A-3
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C, C-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-2

Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-2
Pooled Parties (including ownership type)	Exhibit A-2
Unlocatable Parties to be Pooled	Exhibit A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-4
Overhead Rates In Proposal Letter	Exhibit A-3
Cost Estimate to Drill and Complete	Exhibit A-3
Cost Estimate to Equip Well	Exhibit A-3
Cost Estimate for Production Facilities	Exhibit A-3
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B, B-1
Target Formation	Exhibit B, B-2
HSU Cross Section	Exhibit B-2, B-4, B-5
Depth Severance Discussion	Exhibit B
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-1, A-2, B-1
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit B-1, B-4
Structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section Location Map (including wells)	Exhibit B-2, B-5
Cross Section (including Landing Zone)	Exhibit B-2, B-4, B-5
Additional Information	
Special Provisions/Stipulations	N/a
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Darin C. Savage 
Signed Name (Attorney or Party Representative):	
Date:	1/4/2022

TAB 2

Exhibit A: Affidavit of Tim Prout, Landman
Exhibit A-1: C-102 Forms
Exhibit A-2: Ownership and Sectional Map
Exhibit A-3: Well Proposal Letters and AFEs
Exhibit A-4: Chronology of Contacts with Uncommitted Owners

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22403

AFFIDAVIT OF TIM PROUT

STATE OF OKLAHOMA)
) ss.
COUNTY OF OKLAHOMA)

I, being duly sworn on oath, state the following:

1. I am over the age of eighteen years and have the capacity to execute this Affidavit, which is based on my personal knowledge.
2. I am employed as a Senior Staff Landman with Devon Energy Production Company, L.P. ("Devon"), and I am familiar with the subject application and the lands involved.
3. I graduated in 2011 from Texas Tech University with a bachelor's degree in Energy Commerce. I have worked at Devon for approximately 10 years, and I have been working in New Mexico for 6 years. My credentials as a petroleum landman have been accepted by the New Mexico Oil Conservation Division ("Division") and made a matter of record.
4. This affidavit is submitted in connection with the filing by Devon of the above-referenced spacing and compulsory pooling application pursuant to 19.15.4.12.A(1).
5. Devon seeks an order pooling all uncommitted mineral interest in the Bone Spring formation ([HARDIN TANK; BONE SPRING]; Pool Code: [96661]) underlying a standard 800-acre, more or less, horizontal spacing and proration unit comprised of the NW/4 of Section 23 and

**EXHIBIT
A**

the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico.

6. Under Case No. 22403, Devon seeks to dedicate to the unit three initial oil wells: **Muskie 23-11 Fed Com 11H Well, Muskie 23-11 Fed Com 12H Well, and Muskie 23-11 Fed Com 13H Well.**

7. The **Muskie 23-11 Fed Com 11H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; approximate TVD of 10,995'; approximate TMD of 23,495'; FTP in Section 23: 2,539' FNL, 440' FWL; LTP in Section 11: 100' FNL, 440' FWL.

8. The **Muskie 23-11 Fed Com 12H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location approximately at the midpoint between the NW/4 NW/4 (Unit D) and the NE/4 NW/4 (Unit C) of Section 11; approximate TVD of 10,995'; approximate TMD of 23,495'; FTP in Section 23: 2,538' FNL, 1,320' FWL; LTP in Section 11: 100' FNL, 1,320' FWL. The **Muskie 23-11 Fed Com 12H Well** is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.

9. The **Muskie 23-11 Fed Com 13H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11; approximate TVD of 10,995'; approximate TMD of 23,495'; FTP in Section 23: 2,538' FNL, 2,200' FWL; LTP in Section 11: 100' FNL, 2,200' FWL.

10. The proposed C-102 for each well is attached as **Exhibit A-1.**

11. A general location plat and a plat outlining the unit being pooled is attached hereto as **Exhibit A-2**, which show the location of the proposed wells within the unit. The location of each well is orthodox and meets the Division's offset requirements.

12. The parties being pooled, the nature of their interests, and their last known addresses are listed on **Exhibit A-2** attached hereto. **Exhibit A-2** includes information regarding working interest owners and overriding royalty interest owners.

13. There are no depth severances in the Bone Spring formation in this acreage.

14. I provided the law firm of Abadie & Schill P.C. a list of names and addresses for the uncommitted interest owners shown on **Exhibit A-2**. In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. All interest owners and overriding royalty interest owners were locatable and received notice. Devon published notice in the Hobbs News-Sun, a newspaper of general circulation in Lea County, New Mexico, to account for any unlocatable parties and cover any contingencies regarding notice.

15. Devon has made a good faith effort to negotiate with the interest owners but has been unable to obtain voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed horizontal spacing unit. **Exhibit A-4** provides a chronology and history of contacts with the owners.

16. The interest owners being pooled have been contacted regarding the proposed wells but have failed or refused to voluntarily commit their interest in the wells. However, Devon has been in ongoing discussions with some of the interest owners to voluntarily enter into a Joint

Operating Agreement. If a mutually agreeable Joint Operating Agreement is reached between Devon and another interest owner or owners, Devon requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division may deem it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and protection of correlative rights.

17. **Exhibit A-3** is a sample proposal letter and the AFEs for each proposed well. The estimated cost of the wells set forth in the AFEs is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

18. Devon requests overhead and administrative rates of \$8,000/month for drilling each well and \$800/month for producing each well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of New Mexico. Devon requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

19. Devon requests the maximum costs recoverable, plus a 200% risk charge be assessed against the working interest owners who elect not to participate in the wells.

20. Devon requests that it be designated operator of the unit and wells.

21. The Exhibits to this Affidavit were prepared by me or compiled from Devon's company business records under my direct supervision.

22. The granting of this Application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

23. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]


FURTHER AFFIANT SAYETH NAUGHT



Tim Prout

Subscribed to and sworn before me this 16th day of December 2021.





Notary Public

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3213.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	26-S	34-E		2485	NORTH	281	WEST	LEA

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
D	11	26-S	34-E		20	NORTH	440	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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

MUSKIE 23-11 FED COM 11H

EL: 3213.1'
LAT: 32.029343
LON: 103.448345
N: 375536.99
E: 815590.70

FIRST TAKE POINT

2539' FNL 440' FWL SEC. 23
LAT: 32.029192
LON: 103.447832
N: 375483.34
E: 815750.16

LAST TAKE POINT

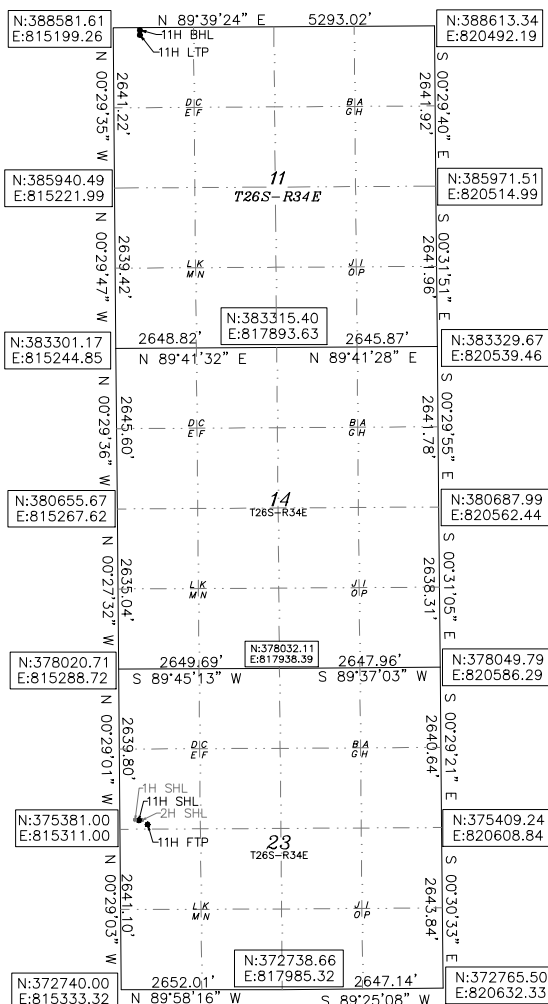
100' FNL 440' FWL SEC. 11
LAT: 32.064929
LON: 103.447843
N: 388484.25
E: 815640.12

BOTTOM OF HOLE

LAT: 32.065149
LON: 103.447843
N: 388564.25
E: 815639.43

**EXHIBIT
A-1**

Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Printed Name

E-mail Address

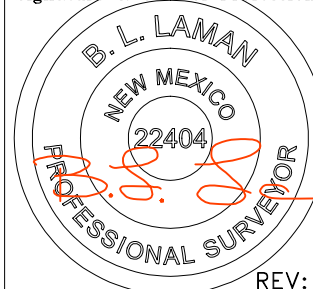
SURVEYOR CERTIFICATION

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.

01/27/2020

Date of Survey

Signature & Seal of Professional Surveyor



REV: 7/12/21

Certificate No. 22404

B.L. LAMAN

DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 11H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	23	26-S	34-E		2539	NORTH	440	WEST	LEA
Latitude					Longitude				NAD
32.029192					103.447832				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	11	26-S	34-E		100	NORTH	440	WEST	LEA
Latitude					Longitude				NAD
32.064929					103.447843				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
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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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3208.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	26-S	34-E		2316	NORTH	1692	WEST	LEA

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
D	11	26-S	34-E		20	NORTH	1320	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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

MUSKIE 23-11 FED COM 12H

EL: 3208.9'
LAT:32.029792
LON:103.443792
N:375712.05
E:817000.27

FIRST TAKE POINT

2538' FNL 1320' FWL SEC. 23
LAT:32.029185
LON:103.444993
N:375488.04
E:816630.15

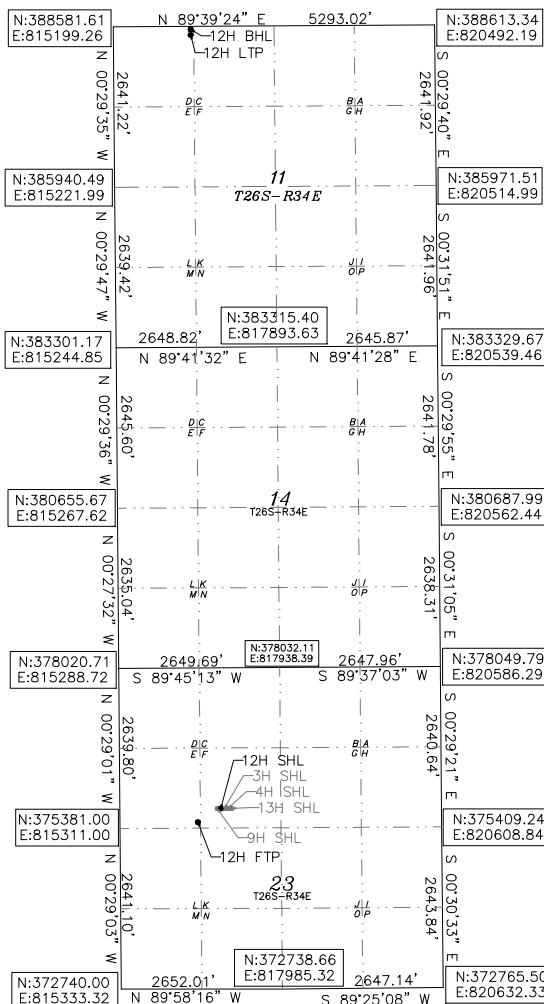
LAST TAKE POINT

100' FNL 1320' FWL SEC. 11
LAT:32.064924
LON:103.445002
N:388489.53
E:816520.11

BOTTOM OF HOLE

LAT:32.065144
LON:103.445003
N:388569.52
E:816519.42

Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Printed Name

E-mail Address

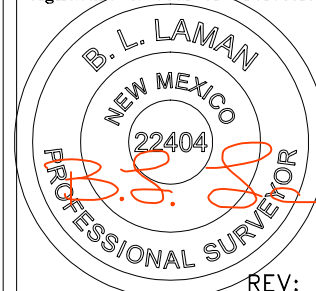
SURVEYOR CERTIFICATION

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.

01/27/2020

Date of Survey

Signature & Seal of Professional Surveyor



REV: 07/12/21

Certificate No. 22404

B.L. LAMAN

DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 12H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	23	26-S	34-E		2538	NORTH	1320	WEST	LEA
Latitude					Longitude				NAD
32.029185					103.444993				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	11	26-S	34-E		100	NORTH	1320	WEST	LEA
Latitude					Longitude				NAD
32.064924					103.445002				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MUSKIE 23-11 FED COM	Well Number 13H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3208.7'

Surface Location

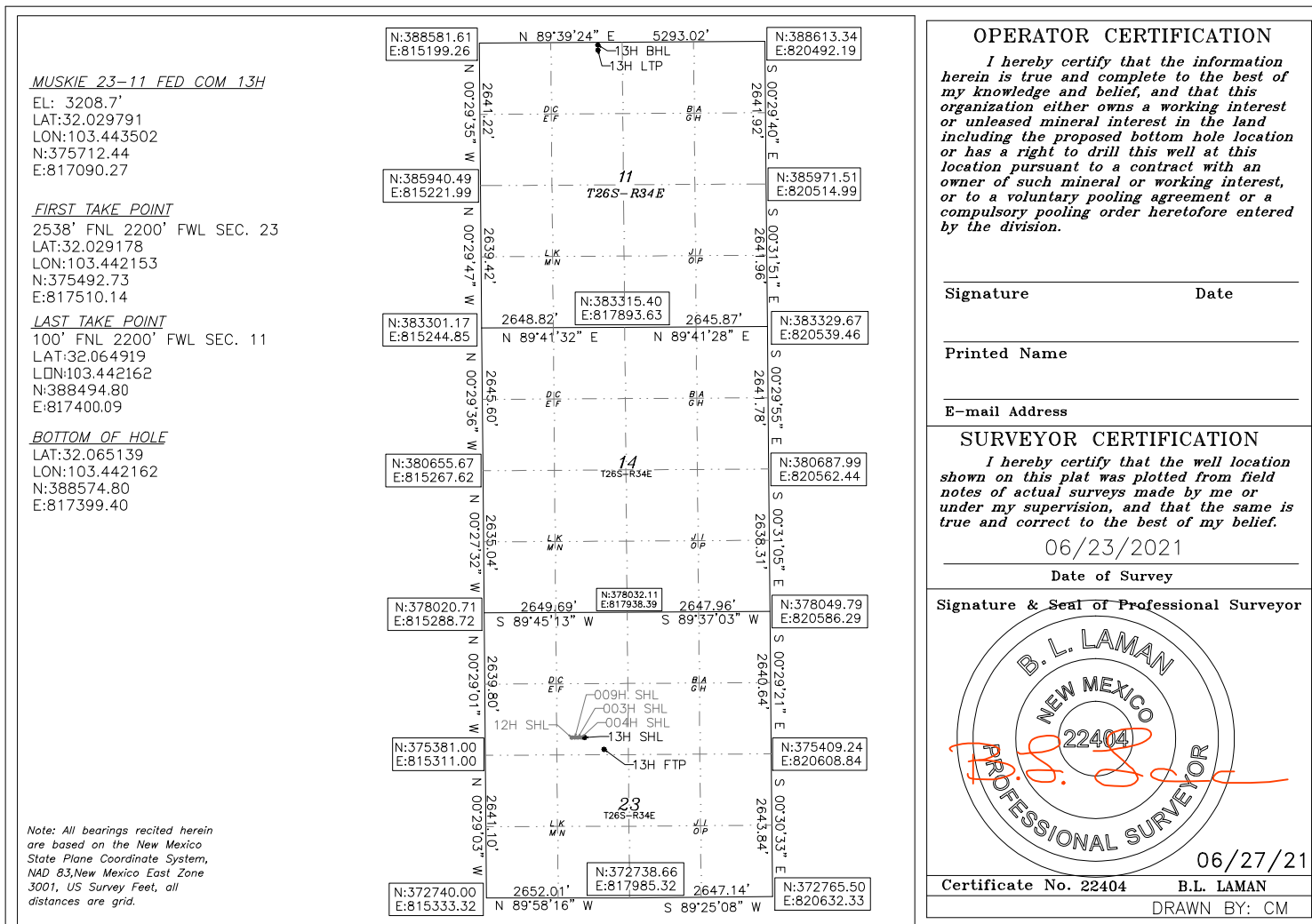
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	26-S	34-E		2316	NORTH	1782	WEST	LEA

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
C	11	26-S	34-E		20	NORTH	2200	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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



Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 13H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	23	26-S	34-E		2538	NORTH	2200	WEST	LEA
Latitude					Longitude				NAD
32.029178					103.442153				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	11	26-S	34-E		100	NORTH	2200	WEST	LEA
Latitude					Longitude				NAD
32.064919					103.442162				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018





Exhibit A-2: Ownership and Sectional Map

Case No. 22403, Muskie 23-11 Fed Com 11H, 12H, and 13H
 NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea
 County, New Mexico
 Permian Basin, Sub-basin: Delaware Basin

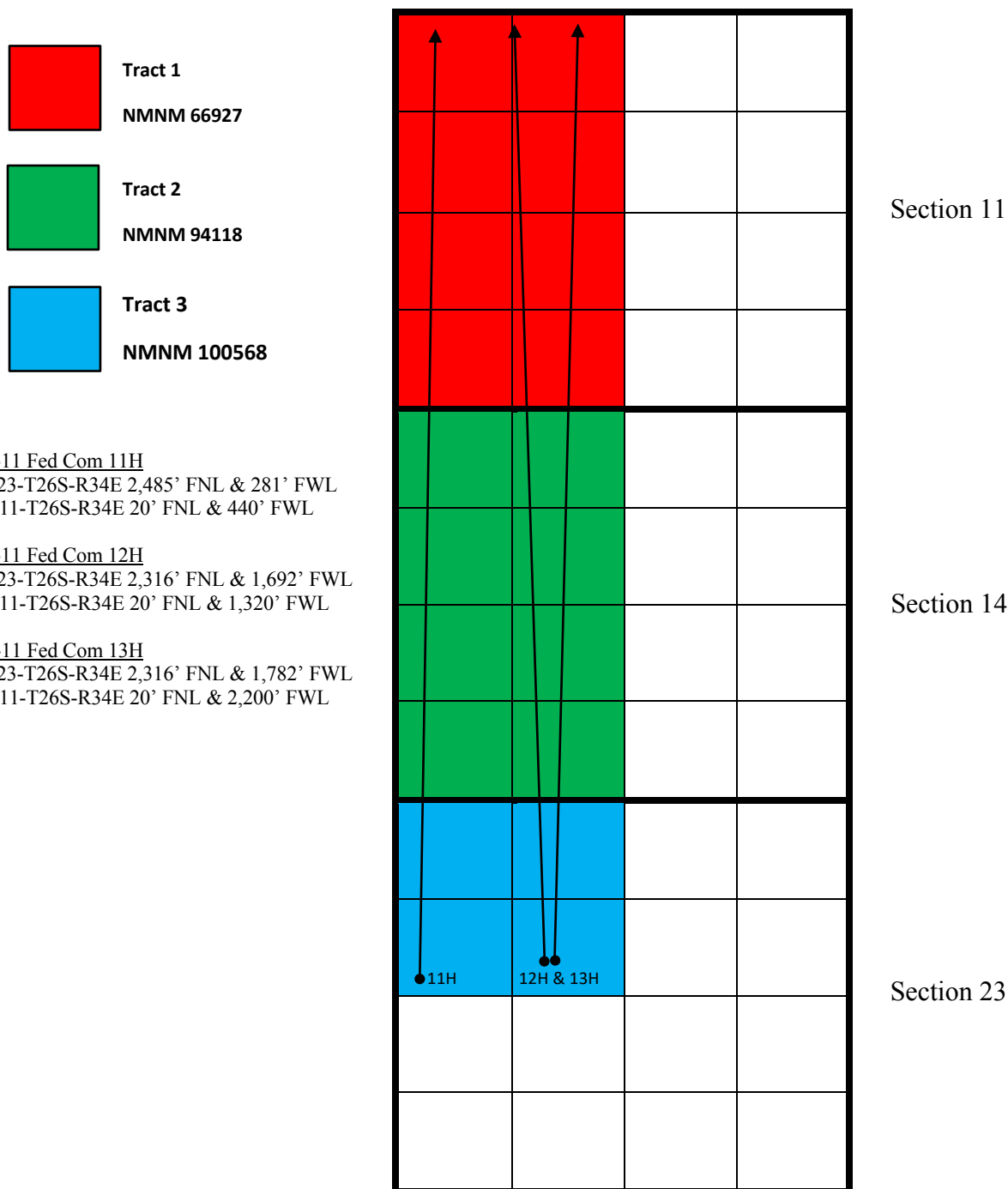


EXHIBIT
A-2

Exhibit A-2: Ownership and Sectional MapOwnership Breakdown Bone Spring Formation

NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico

Muskie 23-11 Fed Com 11H Well, Muskie 23-11 Fed Com 12H Well, and Muskie 23-11 Fed Com 13H

TRACTS 1, 2, and 3 OWNERSHIP (encompassing the NW/4 of Section 23-T26S-R34E; the W/2 of Section 14-T26S-R34E; and the W/2 of Section 11-T26S-R34E, being 800 acres)

Tract 1 WI	W/2 Sec. 11, Township 26 South, Range 34 East	Status
100.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102	Committed

100.00%	Total	100.00%	Total	00.00%
	Committed		Uncommitted	
	Interest		Interest	

Tract 1 ORRI W/2 Sec. 11, Township 26 South, Range 34 East

C.A. and Betty M. Dean Family LP
P.O. Box 3480
Omaha, NE 68103

Devon Energy Production Company, L.P.
333 W Sheridan Ave
Oklahoma City, OK 73102

Franco-Nevada Texas LP
1745 Shea Center Dr., Ste 400
Highlands Ranch, CO 80129

Longpoint Minerals, LLC
100 Saint Paul St, Ste 400
Denver, CO 80206

McMullen Minerals, LLC
P.O. Box 470857
Fort Worth, TX 76147

OXY Y-1 Company
P.O. Box 831803
Dallas, TX 75284

Pegasus Resources, LLC
P.O. Box 470698
Fort Worth, TX 76147

Tract 2 WI 50.00%	W/2 Sec. 14, Township 26 South, Range 34 East Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102	Status Committed
-----------------------------	--	----------------------------

50.00%	Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002	Uncommitted
--------	---	-------------

100.00%	Total Committed Interest	50.00%	Total Uncommitted Interest	50.00%
---------	--------------------------------	--------	----------------------------------	--------

Tract 2 ORRI W/2 Sec. 14, Township 26 South, Range 34 East

John L. Thoma
P.O. Box 17656
Golden, CO 80402

Sandra Mary Thoma
8530 Mill Run Rd
Athens, TX 75751

Mary Ralph Lowe, Trustee of the Erma Lowe Trust for Carson L. R. Yost (1/3), the Erma Lowe Trust for Samantha Adelaide Yost (1/3), and the Erma Lowe Trust for Clayton Lowe Yost (1/3)
P.O. Box 4887
Houston, TX 77210

C. Mark Wheeler
P.O. Box 248
Round Rock, TX 78680

Paul R. Barwis
P.O. Box 230
Midland, TX 79702

Jareed Partners, Ltd.
P.O. Box 51451
Midland, TX 79710

Penwell Employee Royalty Pool
2201 Winfield Rd
Midland, TX 79705

Devon Energy Production Company, L.P.
333 W Sheridan Ave
Oklahoma City, OK 73102

Tract 3 WI	NW/4 Sec. 23, Township 26 South, Range 34 East	Status
50.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102	Committed

50.00%	Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002	Uncommitted
--------	---	-------------

100.00%	Total	50.00%	Total	50.00%
	Committed		Uncommitted	
	Interest		Interest	

Unit Recapitulation WI	W/2 Sec. 11, W/2 Sec. 14 and NW/4 Sec. 23, Township 26 South, Range 34 East
70.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102
30.00%	Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002

100.00%	Total Committed	70.00%	Total Uncommitted Interest	30.00%
	Interest			



Tim Prout
Sr. Staff Landman

Devon Energy
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102-5015
Office: (405) 552-6113

November 15, 2021

VIA EMAIL & FEDEX

Chevron U.S.A. Inc.
Attn: NOJV Group
1400 Smith Street
Houston, Texas 77002

Re: Well Proposals- Muskie 23-11 Fed Com 1H
Muskie 23-11 Fed Com 2H
Muskie 23-11 Fed Com 3H
Muskie 23-11 Fed Com 4H
Muskie 23-11 Fed Com 11H
Muskie 23-11 Fed Com 12H
Muskie 23-11 Fed Com 13H
Lea County, New Mexico

To Whom it May Concern:

Devon Energy Production Company, L.P. ("Devon"), as Operator, proposes to drill and complete the following wells:

- Muskie 23-11 Fed Com 1H as a horizontal well to an approximate landing TVD of 12,800', an approximate bottom hole TVD of 12,635', and an approximate TMD of 25,300' into the Wolfcamp formation at an approximate SHL of 251' FWL and 2,485' FNL of Section 23-26S-34E and an approximate BHL of 400' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,637,560.00 and total completed well costs of \$9,166,516.81.
- Muskie 23-11 Fed Com 2H as a horizontal well to an approximate landing TVD of 12,980', an approximate bottom hole TVD of 12,815', and an approximate TMD of 25,480' into the Wolfcamp formation at an approximate SHL of 311' FWL and 2,485' FNL of Section 23-26S-34E and an approximate BHL of 960' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$4,200,550.00 and total completed well costs of \$9,729,506.81.
- Muskie 23-11 Fed Com 3H as a horizontal well to an approximate landing TVD of 12,705', an approximate bottom hole TVD of 12,555', and an approximate TMD of 25,205' into the Wolfcamp formation at an approximate SHL of 1,722' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 1,520' FWL and 20' FNL of Section 11-26S-34E, Lea

EXHIBIT
A-3

County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,607,899.00 and total completed well costs of \$9,171,496.52.

- Muskie 23-11 Fed Com 4H as a horizontal well to an approximate landing TVD of 12,800', an approximate bottom hole TVD of 12,635', and an approximate TMD of 25,300' into the Wolfcamp formation at an approximate SHL of 1,752' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 2,080' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,629,185.00 and total completed well costs of \$9,192,782.52.
- Muskie 23-11 Fed Com 11H as a horizontal well to an approximate landing TVD of 10,995', an approximate bottom hole TVD of 10,785', and an approximate TMD of 23,495' into the Bone Spring formation at an approximate SHL of 281' FWL and 2,845' FNL of Section 23-26S-34E and an approximate BHL of 440' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,130,951.00 and total completed well costs of \$8,548,707.81.
- Muskie 23-11 Fed Com 12H as a horizontal well to an approximate landing TVD of 10,995', an approximate bottom hole TVD of 10,785', and an approximate TMD of 23,495' into the Bone Spring formation at an approximate SHL of 1,692' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 1,320' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$2,855,340.70 and total completed well costs of \$8,307,738.22.
- Muskie 23-11 Fed Com 13H as a horizontal well to an approximate landing TVD of 10,995', an approximate bottom hole TVD of 10,785', and an approximate TMD of 23,495' into the Bone Spring formation at an approximate SHL of 1,782' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 2,200' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,201,502.47 and total completed well costs of \$8,653,899.99.

Devon proposes to drill this well pursuant to the proposed amendment to the JOA dated September 1, 2004 between Devon, as Operator and Chesapeake Exploration Limited Partnership, as Non-Operator. The proposed amendment will provide for 2 additional contract areas. The first covering the E/2 of Section 11, E/2 of Section 14 and NE/4 of Section 23-T26S-R34E and the second covering the W/2 of Section 11, W/2 of Section 14 and the NW/4 of Section 23-T26S-R34E, Lea County, New Mexico. All other provisions shall remain unchanged.

If you wish to participate in the operation, please indicate in the space provided below, along with a signed AFE, and deliver to my attention at the letterhead address or by email at Tim.Prout@dvn.com.

If you have any questions concerning this proposal, please contact me at (405) 552-6113 or Tim.Prout@dvn.com.

Very truly yours,

Devon Energy Production Company, L.P.



Tim Prout
Senior Staff Landman

_____ **To Participate** in the Muskie 23-11 Fed Com 1H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 1H well

_____ **To Participate** in the Muskie 23-11 Fed Com 2H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 2H well

_____ **To Participate** in the Muskie 23-11 Fed Com 3H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 3H well

_____ **To Participate** in the Muskie 23-11 Fed Com 4H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 4H well

_____ **To Participate** in the Muskie 23-11 Fed Com 11H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 11H well

_____ **To Participate** in the Muskie 23-11 Fed Com 12H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 12H well

_____ **To Participate** in the Muskie 23-11 Fed Com 13H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 13H well

Agreed to and Accepted this _____ day of _____ 20____.

Chevron U.S.A. Inc.

By: _____



Authorization for Expenditure

AFE # XX-144995.01				AFE Date: 11/15/2021	
Well Name: MUSKIE 23-11 FED COM 11H				State: NM	
Cost Center Number: 1094597601				County/Parish: LEA	
Legal Description: SEC 23 & 11-26S-34E					
Revision: <input type="checkbox"/>					

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 11H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,083.24	0.00	249,083.24
6060100	DYED LIQUID FUELS	42,660.00	532,656.37	0.00	575,316.37
6060120	ELEC & UTILITIES	42,660.00	0.00	0.00	42,660.00
6080100	DISPOSAL - SOLIDS	131,735.00	2,119.47	0.00	133,854.47
6080110	DISP-SALTWATER & OTH	0.00	10,337.62	0.00	10,337.62
6080115	DISP VIA PIPELINE SW	0.00	79,200.00	0.00	79,200.00
6090100	FLUIDS - WATER	39,800.00	112,964.53	0.00	152,764.53
6090120	RECYC TREAT&PROC-H2O	0.00	339,943.30	0.00	339,943.30
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	30,000.00	46,188.26	0.00	76,188.26
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	4,313.00	0.00	0.00	4,313.00
6130360	RTOC - ENGINEERING	0.00	26,816.19	0.00	26,816.19
6130370	RTOC - GEOSTEERING	9,356.00	0.00	0.00	9,356.00
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	302,760.19	0.00	302,760.19
6160100	MATERIALS & SUPPLIES	474.00	0.00	0.00	474.00
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,871.31	0.00	123,871.31
6190100	TRCKG&HL-SOLID&FLUID	17,775.00	0.00	0.00	17,775.00
6190110	TRUCKING&HAUL OF EQP	35,100.00	38,153.18	0.00	73,253.18
6200130	CONSLT & PROJECT SVC	145,700.00	115,099.58	0.00	260,799.58
6230120	SAFETY SERVICES	30,810.00	0.00	0.00	30,810.00
6300270	SOLIDS CONTROL SRVCS	49,250.00	0.00	0.00	49,250.00
6310120	STIMULATION SERVICES	0.00	933,945.25	0.00	933,945.25
6310190	PROPPANT PURCHASE	0.00	731,833.83	0.00	731,833.83
6310200	CASING & TUBULAR SVC	89,600.00	0.00	0.00	89,600.00
6310250	CEMENTING SERVICES	158,000.00	0.00	0.00	158,000.00
6310280	DAYWORK COSTS	384,150.00	0.00	0.00	384,150.00
6310300	DIRECTIONAL SERVICES	228,550.00	0.00	0.00	228,550.00
6310310	DRILL BITS	103,000.00	0.00	0.00	103,000.00
6310330	DRILL&COMP FLUID&SVC	112,532.00	25,806.52	0.00	138,338.52
6310370	MOB & DEMOBILIZATION	240,000.00	0.00	0.00	240,000.00
6310380	OPEN HOLE EVALUATION	16,830.00	0.00	0.00	16,830.00
6310480	TSTNG-WELL, PL & OTH	0.00	132,992.33	0.00	132,992.33
6310600	MISC PUMPING SERVICE	0.00	48,182.66	0.00	48,182.66
6320100	EQPMNT SVC-SRF RNTL	80,979.00	182,644.13	0.00	263,623.13
6320110	EQUIP SVC - DOWNHOLE	109,010.00	42,766.78	0.00	151,776.78
6320160	WELDING SERVICES	1,000.00	0.00	0.00	1,000.00
6320190	WATER TRANSFER	0.00	140,808.38	0.00	140,808.38
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-144995.01

Well Name: MUSKIE 23-11 FED COM 11H

Cost Center Number: 1094597601

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6550100	MISCS COSTS & SERVS	0.00	7,000.00	0.00	7,000.00
6550110	MISCELLANEOUS SVC	33,680.00	0.00	0.00	33,680.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	9,480.00	45,325.19	0.00	54,805.19
6740340	TAXES OTHER	124.00	23,600.00	0.00	23,724.00
	Total Intangibles	2,217,568.00	4,516,001.10	0.00	6,733,569.10

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	5,214.00	0.00	0.00	5,214.00
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	35,000.00	0.00	35,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	63,192.91	0.00	63,192.91
6310460	WELLHEAD EQUIPMENT	42,800.00	86,792.08	0.00	129,592.08
6310530	SURFACE CASING	47,961.00	0.00	0.00	47,961.00
6310540	INTERMEDIATE CASING	240,249.00	0.00	0.00	240,249.00
6310550	PRODUCTION CASING	521,149.00	0.00	0.00	521,149.00
6310580	CASING COMPONENTS	36,010.00	0.00	0.00	36,010.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	913,383.00	901,755.71	0.00	1,815,138.71

TOTAL ESTIMATED COST	3,130,951.00	5,417,756.81	0.00	8,548,707.81
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.



Authorization for Expenditure

AFE # XX-145000.01				AFE Date: 11/15/2021	
Well Name: MUSKIE 23-11 FED COM 12H				State: NM	
Cost Center Number: 1094597701				County/Parish: LEA	
Legal Description: SEC 23 & 11-26S-34E					
Revision: <input type="checkbox"/>					

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 12H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,063.42	0.00	249,063.42
6060100	DYED LIQUID FUELS	77,088.76	533,649.34	0.00	610,738.10
6060120	ELEC & UTILITIES	21,260.00	0.00	0.00	21,260.00
6080100	DISPOSAL - SOLIDS	95,996.26	2,119.30	0.00	98,115.56
6080110	DISP-SALTWATER & OTH	0.00	10,336.86	0.00	10,336.86
6080115	DISP VIA PIPELINE SW	0.00	79,200.00	0.00	79,200.00
6090100	FLUIDS - WATER	16,350.00	112,955.63	0.00	129,305.63
6090120	RECYC TREAT&PROC-H2O	0.00	339,916.24	0.00	339,916.24
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	22,500.00	46,187.25	0.00	68,687.25
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	2,338.60	0.00	0.00	2,338.60
6130360	RTOC - ENGINEERING	0.00	26,814.06	0.00	26,814.06
6130370	RTOC - GEOSTEERING	3,378.24	0.00	0.00	3,378.24
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	303,725.10	0.00	303,725.10
6160100	MATERIALS & SUPPLIES	425.20	0.00	0.00	425.20
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,861.45	0.00	123,861.45
6190100	TRCKG&HL-SOLID&FLUID	17,008.00	0.00	0.00	17,008.00
6190110	TRUCKING&HAUL OF EQP	49,200.00	38,151.91	0.00	87,351.91
6200130	CONSLT & PROJECT SVC	92,767.40	117,675.41	0.00	210,442.81
6230120	SAFETY SERVICES	27,638.00	0.00	0.00	27,638.00
6300270	SOLIDS CONTROL SRVCS	72,405.90	0.00	0.00	72,405.90
6310120	STIMULATION SERVICES	0.00	964,159.28	0.00	964,159.28
6310190	PROPPANT PURCHASE	0.00	731,775.57	0.00	731,775.57
6310200	CASING & TUBULAR SVC	70,600.00	0.00	0.00	70,600.00
6310250	CEMENTING SERVICES	155,000.00	0.00	0.00	155,000.00
6310280	DAYWORK COSTS	447,776.32	0.00	0.00	447,776.32
6310300	DIRECTIONAL SERVICES	301,840.40	0.00	0.00	301,840.40
6310310	DRILL BITS	159,000.00	0.00	0.00	159,000.00
6310330	DRILL&COMP FLUID&SVC	117,983.80	25,804.47	0.00	143,788.27
6310370	MOB & DEMOBILIZATION	15,207.50	0.00	0.00	15,207.50
6310380	OPEN HOLE EVALUATION	12,079.00	0.00	0.00	12,079.00
6310480	TSTNG-WELL, PL & OTH	0.00	133,050.72	0.00	133,050.72
6310600	MISC PUMPING SERVICE	0.00	48,178.82	0.00	48,178.82
6320100	EQPMNT SVC-SRF RNTL	71,396.78	182,631.98	0.00	254,028.76
6320110	EQUIP SVC - DOWNHOLE	107,308.02	42,763.38	0.00	150,071.40
6320160	WELDING SERVICES	4,850.00	0.00	0.00	4,850.00
6320190	WATER TRANSFER	0.00	140,797.17	0.00	140,797.17
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-145000.01

Well Name: MUSKIE 23-11 FED COM 12H

Cost Center Number: 1094597701

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6550100	MISCS COSTS & SERVS	0.00	7,000.00	0.00	7,000.00
6550110	MISCELLANEOUS SVC	24,700.00	0.00	0.00	24,700.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	6,378.00	45,324.29	0.00	51,702.29
6740340	TAXES OTHER	223.56	23,600.00	0.00	23,823.56
	Total Intangibles	2,063,699.74	4,550,644.44	0.00	6,614,344.18

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	2,388.76	0.00	0.00	2,388.76
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	35,000.00	0.00	35,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	63,192.81	0.00	63,192.81
6310460	WELLHEAD EQUIPMENT	28,767.00	86,789.55	0.00	115,556.55
6310530	SURFACE CASING	43,828.65	0.00	0.00	43,828.65
6310540	INTERMEDIATE CASING	179,286.62	0.00	0.00	179,286.62
6310550	PRODUCTION CASING	483,163.93	0.00	0.00	483,163.93
6310580	CASING COMPONENTS	34,206.00	0.00	0.00	34,206.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	791,640.96	901,753.08	0.00	1,693,394.04

TOTAL ESTIMATED COST	2,855,340.70	5,452,397.52	0.00	8,307,738.22
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.



Authorization for Expenditure

AFE # XX-144996.01				AFE Date: 11/15/2021	
Well Name: MUSKIE 23-11 FED COM 13H				State: NM	
Cost Center Number: 1094597801				County/Parish: LEA	
Legal Description: SEC 23 & 11-26S-34E					
Revision: <input type="checkbox"/>					

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 13H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,063.42	0.00	249,063.42
6060100	DYED LIQUID FUELS	91,790.79	533,649.34	0.00	625,440.13
6060120	ELEC & UTILITIES	25,314.62	0.00	0.00	25,314.62
6080100	DISPOSAL - SOLIDS	96,067.84	2,119.30	0.00	98,187.14
6080110	DISP-SALTWATER & OTH	0.00	10,336.86	0.00	10,336.86
6080115	DISP VIA PIPELINE SW	0.00	79,200.00	0.00	79,200.00
6090100	FLUIDS - WATER	16,350.00	112,955.63	0.00	129,305.63
6090120	RECYC TREAT&PROC-H2O	0.00	339,916.24	0.00	339,916.24
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	22,500.00	46,187.25	0.00	68,687.25
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	2,784.61	0.00	0.00	2,784.61
6130360	RTOC - ENGINEERING	0.00	26,814.06	0.00	26,814.06
6130370	RTOC - GEOSTEERING	11,113.81	0.00	0.00	11,113.81
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	303,725.10	0.00	303,725.10
6160100	MATERIALS & SUPPLIES	506.29	0.00	0.00	506.29
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,861.45	0.00	123,861.45
6190100	TRCKG&HL-SOLID&FLUID	20,251.69	0.00	0.00	20,251.69
6190110	TRUCKING&HAUL OF EQP	49,200.00	38,151.91	0.00	87,351.91
6200130	CONSLT & PROJECT SVC	109,958.97	117,675.41	0.00	227,634.38
6230120	SAFETY SERVICES	32,909.00	0.00	0.00	32,909.00
6300270	SOLIDS CONTROL SRVCS	82,400.53	0.00	0.00	82,400.53
6310120	STIMULATION SERVICES	0.00	964,159.28	0.00	964,159.28
6310190	PROPPANT PURCHASE	0.00	731,775.57	0.00	731,775.57
6310200	CASING & TUBULAR SVC	70,600.00	0.00	0.00	70,600.00
6310250	CEMENTING SERVICES	155,000.00	0.00	0.00	155,000.00
6310280	DAYWORK COSTS	438,711.64	0.00	0.00	438,711.64
6310300	DIRECTIONAL SERVICES	300,262.34	0.00	0.00	300,262.34
6310310	DRILL BITS	159,000.00	0.00	0.00	159,000.00
6310330	DRILL&COMP FLUID&SVC	117,784.15	25,804.47	0.00	143,588.62
6310370	MOB & DEMOBILIZATION	294,568.98	0.00	0.00	294,568.98
6310380	OPEN HOLE EVALUATION	13,372.57	0.00	0.00	13,372.57
6310480	TSTNG-WELL, PL & OTH	0.00	133,050.72	0.00	133,050.72
6310600	MISC PUMPING SERVICE	0.00	48,178.82	0.00	48,178.82
6320100	EQPMNT SVC-SRF RNTL	82,448.20	182,631.98	0.00	265,080.18
6320110	EQUIP SVC - DOWNHOLE	117,148.57	42,763.38	0.00	159,911.95
6320160	WELDING SERVICES	2,850.00	0.00	0.00	2,850.00
6320190	WATER TRANSFER	0.00	140,797.17	0.00	140,797.17
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-144996.01

Well Name: MUSKIE 23-11 FED COM 13H

Cost Center Number: 1094597801

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6550100	MISCS COSTS & SERVS	0.00	7,000.00	0.00	7,000.00
6550110	MISCELLANEOUS SVC	18,200.00	0.00	0.00	18,200.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	7,594.38	45,324.29	0.00	52,918.67
6740340	TAXES OTHER	266.19	23,600.00	0.00	23,866.19
	Total Intangibles	2,409,955.17	4,550,644.44	0.00	6,960,599.61

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	2,335.48	0.00	0.00	2,335.48
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	35,000.00	0.00	35,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	63,192.81	0.00	63,192.81
6310460	WELLHEAD EQUIPMENT	28,767.00	86,789.55	0.00	115,556.55
6310530	SURFACE CASING	43,828.65	0.00	0.00	43,828.65
6310540	INTERMEDIATE CASING	179,286.62	0.00	0.00	179,286.62
6310550	PRODUCTION CASING	483,123.55	0.00	0.00	483,123.55
6310580	CASING COMPONENTS	34,206.00	0.00	0.00	34,206.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	791,547.30	901,753.08	0.00	1,693,300.38

TOTAL ESTIMATED COST	3,201,502.47	5,452,397.52	0.00	8,653,899.99
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

From: "Prout, Tim" <Tim.Prout@dvn.com>
Subject: FW: Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H and 13H
Proposals and AFE's
Date: November 17, 2021 at 11:59:36 AM MST
To: Darin Savage <darin@abadieschill.com>

FYI

Tim Prout
Sr. Staff Landman
Delaware Basin Business Unit

Devon Energy Production Company, L.P.
333 W. Sheridan Ave.
Oklahoma City, OK 73102
405 552 6113 Direct
405 234 2612 Fax



From: Prout, Tim
Sent: Wednesday, November 17, 2021 12:59 PM
To: 'Sabrsula, Scott' <ScottSabrsula@chevron.com>
Subject: FW: Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H
and 13H Proposals and AFE's

Scott,

I failed to include the proposed overhead rates in the well
proposals for the Muskie wells dated November 15, 2021. The
proposed overhead rates are \$8,000/month for drilling wells and
\$800/month for producing wells.

Please let me know if you have any questions.

Thanks,

Tim Prout

Sr. Staff Landman
Delaware Basin Business Unit

Devon Energy Production Company, L.P.

333 W. Sheridan Ave.
Oklahoma City, OK 73102
405 552 6113 Direct
405 234 2612 Fax



From: Cortez, Chelsey <Chelsey.Cortez@devon.com>
Sent: Monday, November 15, 2021 4:44 PM
To: Sabrsula, Scott <ScottSabrsula@chevron.com>
Cc: Prout, Tim <Tim.Prout@devon.com>
Subject: Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H and 13H Proposals and AFE's

Dear Working Interest Owner,

Please find attached the well proposals and AFE's for Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H, and 13H. The proposals and AFE's will be mailed via FedEx today. Elections returned by email are appreciated.

Thanks,

Chelsey Cortez

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Exhibit A-4: Chronology of Contacts

Case No. 22403, Muskie 23-11 Fed Com 11H, 12H, and 13H
NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea
County, New Mexico

Chronology of Contact with Non-Joined Working Interests: Chevron U.S.A. Inc.

11/17/2021 – Email Scott Sabrasula; Chevron declines JOA

11/16/2021 – Email Scott Sabrasula; Discussing JOA terms

11/15/2021 – Email Scott Sabrasula; Discussing JOA terms

10/27/2021 – Email Scott Sabrasula; Checking on status of proposed JOA

8/10/2021 – Email Scott Sabrasula; Checking on status of proposed JOA

7/21/2021 – Email Scott Sabrasula; Proposed JOA

TAB 3

Exhibit B: Affidavit of Matthew Myers, Geologist
Exhibit B-1: Structure Map
Exhibit B-2: Stratigraphic Cross Section
Exhibit B-3: Gross Isochore
Exhibit B-4: Gun Barrel View
Exhibit B-5: Trajectory Cross-section

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22403

AFFIDAVIT OF MATTHEW MYERS

I, Matthew Myers, being duly sworn on oath, state the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
2. I am employed as a petroleum geologist for Devon Energy Production Company, L.P. (“Devon”), and I am familiar with the subject application and the geology involved.
3. This affidavit is submitted in connection with the filing by Devon of the above-referenced compulsory pooling application pursuant to 19.15.4.12.A(1) NMAC.
4. I have a Masters of Science Degree and Bachelor of Science Degree in geology from the University of Kansas, and I have worked on and been involved with oil and gas matters in New Mexico since April 2020. I have not testified previously before the New Mexico Oil Conservation Division (“Division”) but ask that my credentials be accepted of record for the purpose of being qualified and recognized as an expert witness in geology. I have attached a resume to this affidavit for the Division’s review and consideration.
5. **Exhibit B-1** is a structure map of 2nd Bone Spring Limestone with contour interval of 40’. The unit being pooled is outlined by the red rectangle. The structure map shows that there is a regional down-dip to the south. I do not observe any faulting, pinchouts, or other geologic impediments to developing this targeted interval.

**EXHIBIT
B**

6. **Exhibit B-2** is a stratigraphic cross-section flattened on the 2nd Bone Spring Limestone. Each well in the cross-section contains a gamma ray, resistivity, and porosity log. The cross-section demonstrates continuity and slight thickening of the target zone. The well logs on the cross-section give a representative sample of the 2nd Bone Spring Limestone. The landing zone is highlighted by light, brown shading.

7. Additional exhibits for the benefit of the Division's review include **Exhibit B-3**, a gross isochore of the 2nd Bone Spring Limestone, as well as **Exhibits B-4 and B-5**. **Exhibit B-4** is a gun barrel representation of the unit, and **Exhibit B-5** is a structural cross section built along the wellbore trajectories.

8. I conclude from the attached exhibits that:

- a. The horizontal spacing and proration unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter-quarter section in the unit will contribute more or less equally to production.

9. The preferred well orientation in this area is North to South so that the wells run sub-perpendicular to the inferred orientation of the maximum horizontal stress.


10. The Exhibits to this Affidavit were prepared by me or compiled from Devon's company business records under my direct supervision.

11. The granting of this Application is in the best interests of conservation, the prevention of waste and the drilling of unnecessary wells, and the protection of correlative rights.

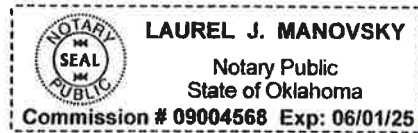
12. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT


Matthew Myers

Subscribed to and sworn before me this 4th day of January 2022


Notary Public

Matt Myers

Exploration Geologist

785-331-6617 • myersmm180@gmail.com • 4101 Briarcrest Dr • Norman, OK, 73072

SUMMARY

Exploration minded geologist with a strong skill set in geological mapping, sequence stratigraphic based correlation, and prospect generation and appraisal. Strong drive and passion for innovative technology and delivering the best results.

EDUCATION

M.S. Geology • 7/2014

University of Kansas

Thesis: Implications for large scale sea level change in the Turonian Western Interior Seaway: Evidence from the Codell Sandstone, Colorado

Focus of study

Sedimentology

Sequence Stratigraphy

B.S. Geology • 5/2012

University of Kansas



[Matt Myers - Geologist](#)

EXPERIENCE

SENIOR GEOLOGIST • DEVON ENERGY • 7/2014 – PRESENT

Exploration Geologist III – Gulf Coast and South Texas: 09/2020 – Present

- Lead appraisal efforts for the Austin Chalk and Upper Eagleford
- Lead exploration efforts for the Gulf Coast
- Oversee science efforts and budget within the asset team
- Assist in any business development activities within the region

Geologist III – South Texas Business Unit: 03/2019 – 09/2020

- Led appraisal efforts for the Austin Chalk and Upper Eagleford, 205 un-risked MMBOE
- Oversaw, planned, and operated 5 horizontal POC wells in the Austin Chalk, 2 POC wells in the Upper Eagleford, 8 wells over 2 successful spacing tests, and 1 POC well for Lower Eagleford infill
- IRC team lead – Organized and facilitated multidisciplinary discussions to advance the common team goals
- Constructed and carried out 3 time-lapse geochemistry studies

Exploration Geologist II – New Ventures Rockies: 05/2018 – 03/2019

- Performed a regional analysis of the Niobrara Formation to high grade basins of interest utilizing pore pressure, thermal maturity, geochemistry, and infrastructure
- Identified three basins of interest and developed prospects from that work
- One prospect advanced to upper leadership for entry consideration
- Helped setup processes to track, rank, and advance ideas and leads in a normalized fashion across all exploration areas

Exploration Geologist II – New Ventures Gulf Coast: 11/2017 – 05/2018

- Mapping, data mining, evaluating, monitoring competitor activity, and generating prospects for potential future exploration projects
- Mapped the extents of all the major petroleum systems to hone focus
- Regional scoping of the Tertiary system with a focus on the Wilcox
- Developed several prospects for consideration

EXPERIENCE CONTINUED

SENIOR GEOLOGIST • DEVON ENERGY • 7/2014 – PRESENT

Exploration Geologist I – New Ventures Permian Basin: 5/2016 – 11/2017

- Designed and oversaw a 10,000 square mile high resolution magnetics shoot for a data poor area of the basin
- Performed a regional cuttings study to determine ideal entry points based on maturity, source rock characteristics, and lithology
- Lead geologist and project lead on an \$50MM exploratory program
- Developed a prospect, designed a testing strategy, and executed the wells
- Planned and collected ~800' of core in two wells, performed full log suite, and designed formation testing
- Oversaw core sampling and testing
- Worked as a member of a multi-disciplinary team to design a program capable of addressing key concerns and unknowns

Geologist I – Southern Business Unit: 7/2014 – 5/2016

- Experience in multiple plays: Austin Chalk, Eagleford, Eaglebine, and Cotton Valley
- Worked on a small team with reservoir engineers to characterize the economic potential of the Austin Chalk
- Key contributions: Developed internal Austin Chalk sequence stratigraphy, monitored competitor activity in the Austin Chalk, reservoir characterization

GEOLOGY INTERN • DEVON ENERGY • 5/2013 – 8/2013

Intern – Midland Basin Business Unit: Summer 2013

- Examined and mapped leased acreage for oil and gas exploration
- Worked as a member of a small team of geologists
- Added value to the team by making drilling recommendations

GRADUATE TEACHING ASSISTANT • UNIVERSITY OF KANSAS • 8/2013 – 5/2014

- Taught lab courses to undergraduate geology and engineering students, graded assignments, and led discussions
- Courses taught: Petroleum Geology, Sedimentology for engineers, and a Georgia Coast field seminar

SOFTWARE

Proficient in Kingdom, Petra, Star Steer, Spotfire, Orange, Adobe Illustrator, Microsoft Office

PROFESSIONAL TRAINING

- Geoscience Foundations (DVN internal, 2014)
- Introduction to Clastic Depositional Systems: A Petroleum Perspective (Nautilus, 2014)
- Field Exposures of the Eagle Ford - Equivalent Boquillas Formation and Related Upper Cretaceous Units in Southwest Texas (BEG & MSRL, 2014)
- Basic Well Log Analysis (AAPG, 2014)
- Play Fairway Analysis and Exploration Prospecting (Nautilus, 2015)
- From Outcrop to Subsurface: Understanding and Evaluating Shale Resource Plays (Alberta, Canada; Nautilus, 2015)
- Petroleum Economics and Risk Analysis (Nautilus, 2015)
- "Old" (Pre-1958) Electric Log Analysis (OCGS, Asquith, 2015)
- Petroleum Generation and Migration (Nautilus, 2016)
- Evaluating Shale and Tight Oil and Gas Reservoirs (Nautilus, 2016)
- Stratigraphic Interpretation of Siliciclastic Reservoirs: An Integrated Approach (Nautilus, 2016)
- Carbonate Petrophysics (OCGS, Asquith, 2016)
- Principals of Hydraulic Fracturing (Barree and Associates, 2016)
- Applied Subsurface Mapping (SCA, 2016)
- Intro to Applied Geomechanics for Oil and Gas Exploration (DVN internal, 2016)
- Recognition of Mudstone Depositional Processes and Depositional Settings: Implications for Reservoir Heterogeneity and Play Extent (Nautilus, 2017)
- Well Log Sequence Stratigraphy: Applications to Exploration and Production (Nautilus, 2017)
- Unconventional Resource Assessment and Valuation (Rose & Assoc., 2017)
- Grav Mag for Explorationists (DVN internal, 2017)
- Predicting Reservoir and Petroleum Systems in Rifts and Extensional Basins (New Mexico & Colorado, USA; Nautilus, 2018)
- Essentials of Geophysics (Nautilus, 2018)
- Geological Overview of the Austin Chalk S. Texas and Louisiana (J. Dravis, 2019)
- Rate Transient Analysis for Unconventionals (SAGA, 2020)

PUBLICATION AND PRESENTATIONS

- Myers, Kamola, Ludvigson, and Walker, 2014. Implications for large scale sea level change in the Turonian Western Interior Seaway: Evidence from the Codell Sandstone, Colorado. Master Thesis, University of Kansas.
<http://hdl.handle.net/1808/27530>
- Myers, Kamola, Ludvigson, and Walker, 2015. Implications for large scale sea level change in the Turonian Western Interior Seaway: Evidence from the Codell Sandstone, Colorado. AAPG Presentation.
http://www.searchanddiscovery.com/documents/2015/51160myers/ndx_myers.pdf
- Matt Myers, Ben Herrmann, Ken Pfau, 2017. An Exploration Play with a Cradle-to-Grave Workflow Devon Technology Conference
- Ken Pfau, Matt Myers, Ben Herrmann, Alex Benton, Miranda Childress, 2017. Why Send a Geologist to the Field for Coring?

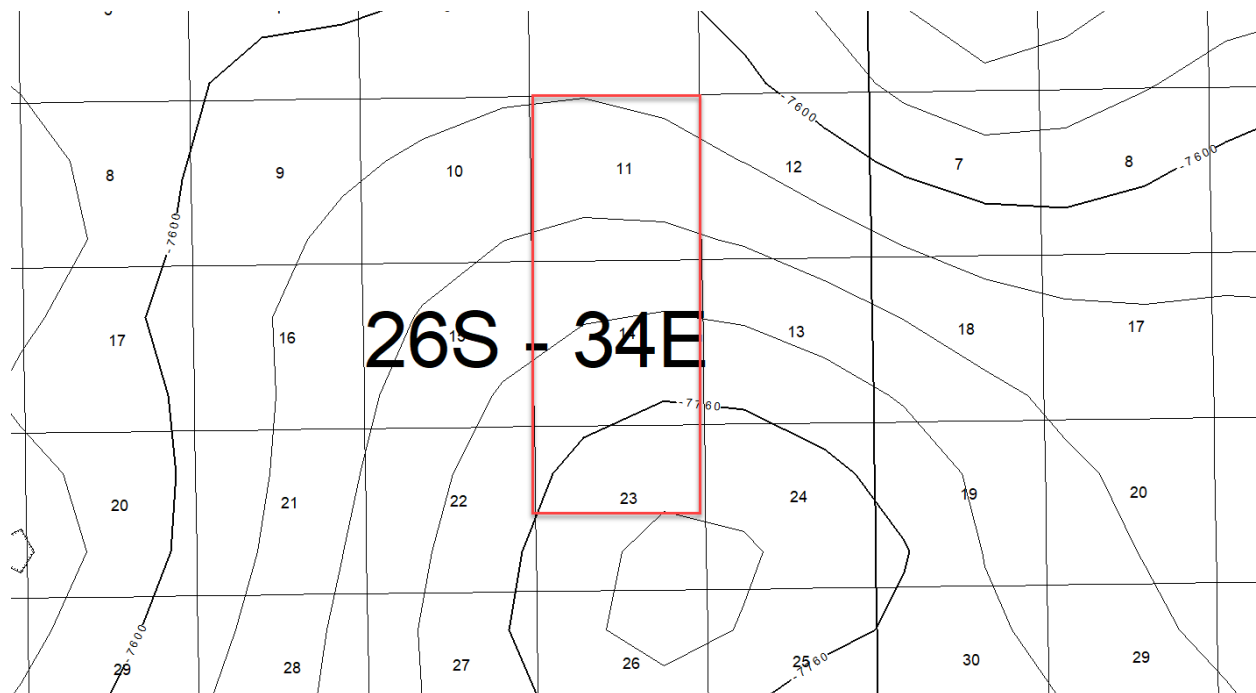


Exhibit B - 1: Structure map of 2nd Bone Spring Limestone with contour interval of 40'

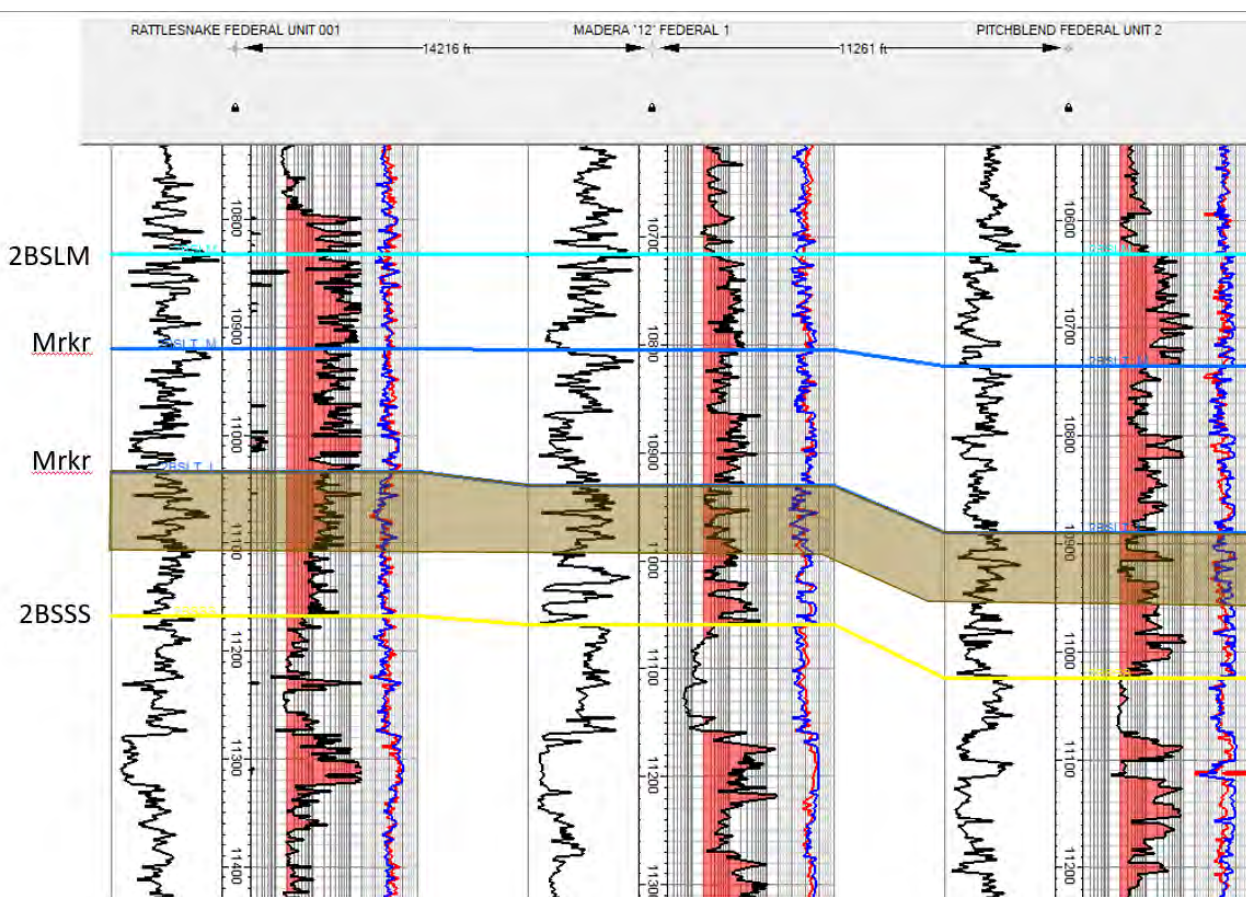


Exhibit B - 2: Stratigraphic cross-section flattened on the 2nd Bone Spring Limestone

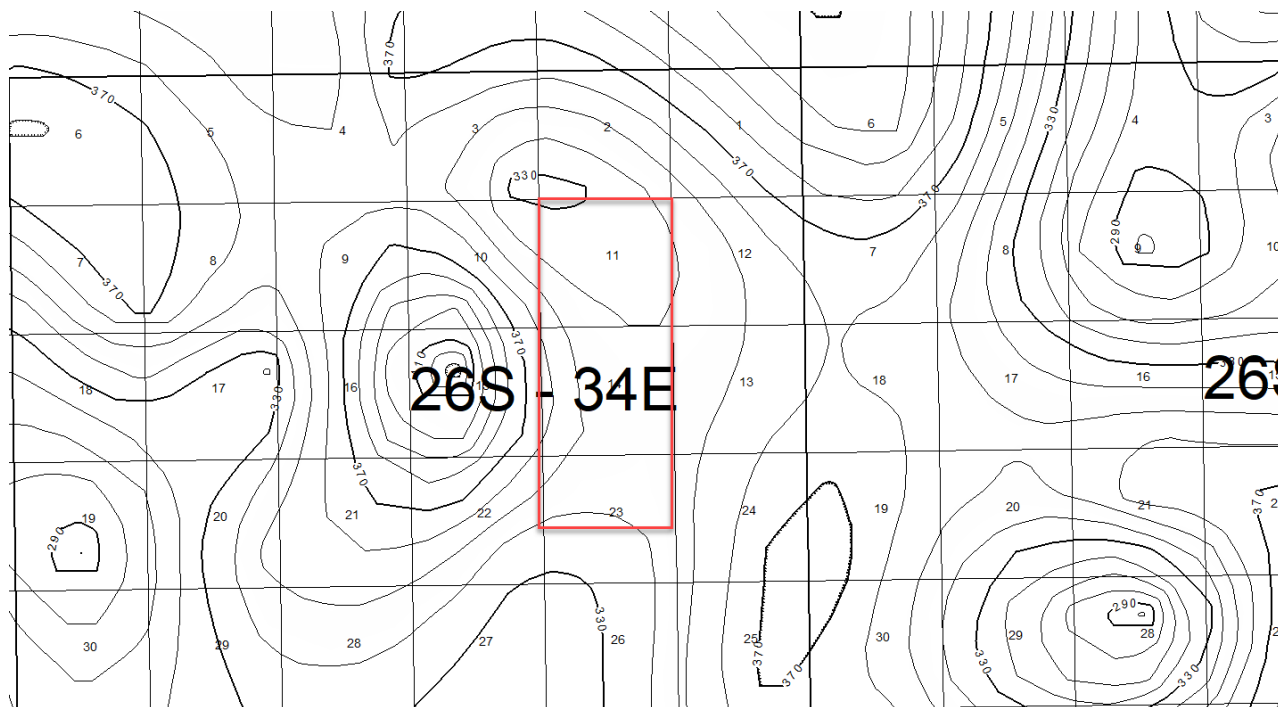


Exhibit B - 3: Gross isochore of the 2nd Bone Spring Limestone

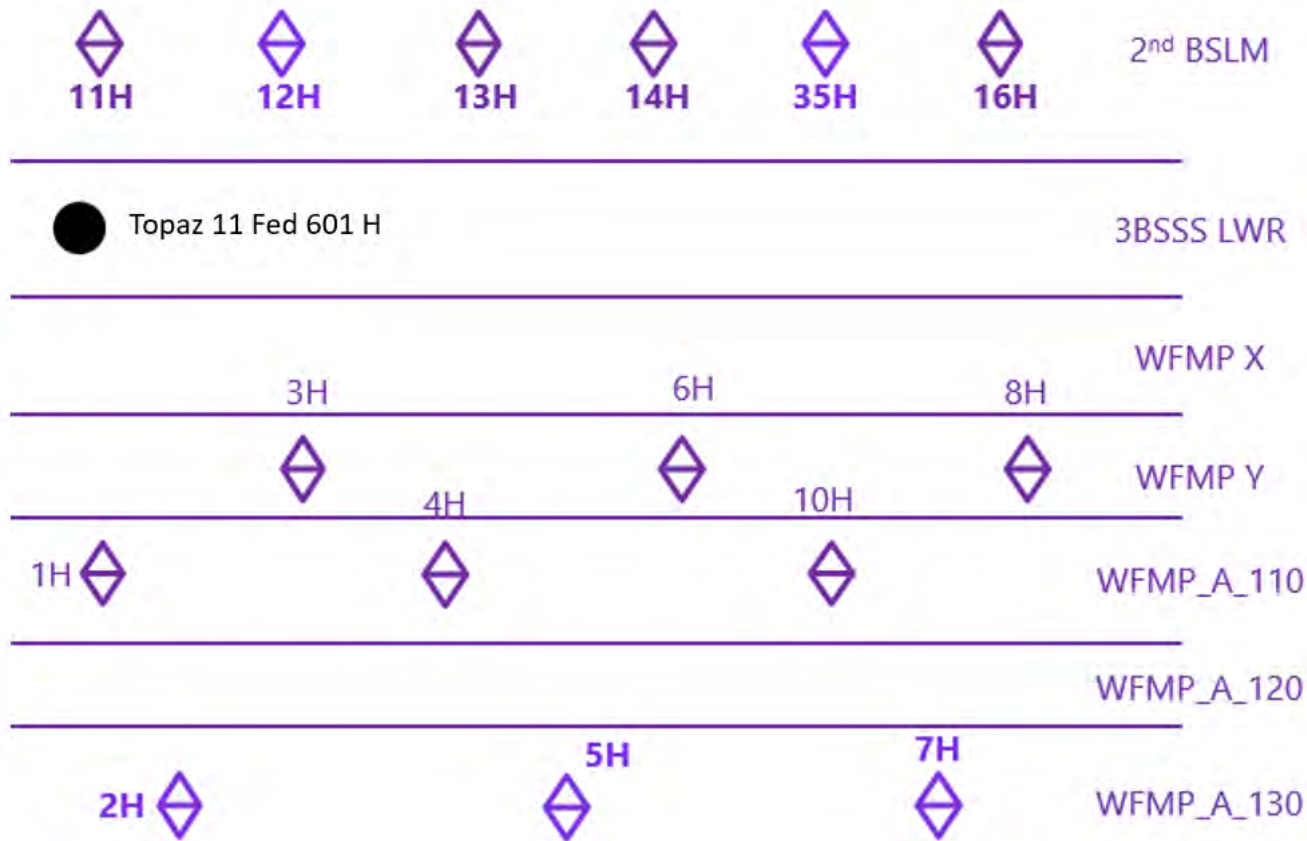


Exhibit B - 4: Gun barrel representation of the unit

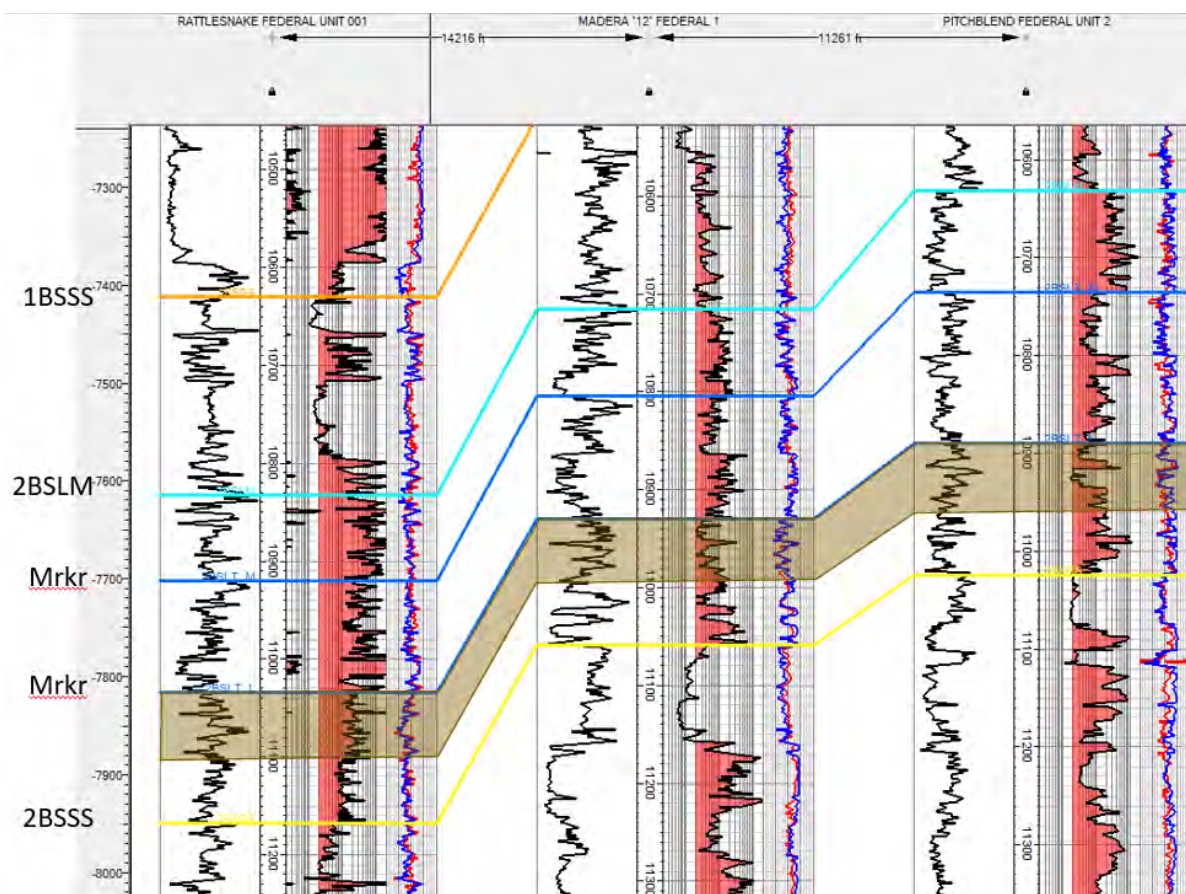


Exhibit B - 5: Structural cross section built along the wellbore trajectories

TAB 4

Exhibit C: Affidavit of Notice, Darin C. Savage
Exhibit C-1: Notice Letters (WI & ORRI)
Exhibit C-2: Mailing List
Exhibit C-3: Affidavit of Publication

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**


**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22403


AFFIDAVIT OF NOTICE

[illegible]

Darin C. Savage, attorney and authorized representative of Devon Energy Production Company, L.P. ("Devon"), the Applicant herein, being first duly sworn, upon oath, states that the Application in the above referenced case was under a notice letter and that proof of receipt is attached hereto.


Darin C. Savage

SUBSCRIBED AND SWORN to before me this 3rd day of January, 2022, by Darin C. Savage.


Notary Public

My Commission Expires:

10/02/2023

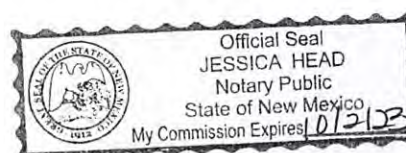


EXHIBIT
C



For the Pursuit of Energy

ABADIE | SCHILL PC

Colorado	New Mexico
Louisiana	Texas
Kansas	Utah
Nebraska	Wyoming
Montana	California
Oklahoma	North Dakota

December 14, 2021

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 11H Well (Case No. 22403)
Muskie 23-11 Fed Com 12H Well (Case No. 22403)
Muskie 23-11 Fed Com 13H Well (Case No. 22403)

Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 1H Well (Case No. 22404)
Muskie 23-11 Fed Com 2H Well (Case No. 22404)
Muskie 23-11 Fed Com 3H Well (Case No. 22404)
Muskie 23-11 Fed Com 4H Well (Case No. 22404)

Case Nos. 22403 and 22404:

Dear Interest Owners:

This letter is to advise you that Devon Energy Production Company, L.P. ("Devon") has filed the enclosed applications, Case Nos. 22403 and 22404, with the New Mexico Oil Conservation Division for the compulsory pooling of units in the Bone Spring formation (Case No. 22403) and the Wolfcamp formation (Case No. 22404).

In Case No. 22403, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22403).

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O : 970.385.4401 • F : 970.385.4901

EXHIBIT
C-1

In Case No. 22404, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22404).

A hearing has been requested before a Division Examiner on January 6, 2022, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under the COVID-19 Public Health Emergency, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441.

You are being notified as an interest owner and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Pre-hearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Tim Prout at (405) 552-6113 or at Tim.Prout@dvn.com.

Sincerely,



Darin C. Savage

Attorney for Devon Energy Production
Company, L.P.



For the Pursuit of Energy

ABADIE | SCHILL PC

Colorado	New Mexico
Louisiana	Texas
Kansas	Utah
Nebraska	Wyoming
Montana	California
Oklahoma	North Dakota

December 14, 2021

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 11H Well (Case No. 22403)
Muskie 23-11 Fed Com 12H Well (Case No. 22403)
Muskie 23-11 Fed Com 13H Well (Case No. 22403)

Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 1H Well (Case No. 22404)
Muskie 23-11 Fed Com 2H Well (Case No. 22404)
Muskie 23-11 Fed Com 3H Well (Case No. 22404)
Muskie 23-11 Fed Com 4H Well (Case No. 22404)

Case Nos. 22403 and 22404:

Dear Interest Owners:

This letter is to advise you that Devon Energy Production Company, L.P. ("Devon") has filed the enclosed applications, Case Nos. 22403 and 22404, with the New Mexico Oil Conservation Division for the compulsory pooling of units in the Bone Spring formation (Case No. 22403) and the Wolfcamp formation (Case No. 22404).

In Case No. 22403, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22403).

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O : 970.385.4401 • F : 970.385.4901

In Case No. 22404, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22404).

A hearing has been requested before a Division Examiner on January 6, 2022, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under the COVID-19 Public Health Emergency, the hearing will be conducted remotely online. For information about remote access and status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/oed/hearing-info/> or call (505) 476-3441.

You are being notified as an overriding royalty interest owner and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Pre-hearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Tim Prout at (405) 552-6113 or at Tim.Prout@dmn.com.

Sincerely,



Darin C. Savage

Attorney for Devon Energy Production
Company, L.P.

Exhibit C-2: Mailing Report - Interest Owners

	Owner	Address	City	State	ZIP	Certified Mail No.	Date Mailed	Status	Date Delivered	Green Card Returned?	Notes
WI & ORRI	Devon Energy Production Company, L.P.	APPLICANT									
WI	Chevron U.S.A. Inc.	1400 SMITH STREET	HOUSTON	TX	77002	70210950000069888371	12/14/21	Delivered (per USPS.com	12/21/21	NO	
ORRI	C.A. and Betty M. Dean Family, L.P.	P.O. BOX 3480	OMAHA	NE	68103	70210950000069888388	12/14/21	Delivered	12/21/21	YES	
ORRI	Franco-Nevada Texas LP	1745 SHEA CENTER DR., STE 40	HIGHLANDS RANCH	CO	80129	70210950000069888692	12/14/21	Delivered	12/20/21	YES	
ORRI	Longpoint Minerals, LLC	100 SAINT PAUL ST., STE 400	DENVER	CO	80206	70210950000069888432	12/14/21	Delivered	12/17/21	YES	
ORRI	McMullen Minerals, LLC	P.O. BOX 470857	FORT WORTH	TX	76147	70210950000069888463	12/14/21	Delivered	12/21/21	YES	
ORRI	OXY Y-1 Company	P.O. BOX 831803	DALLAS	TX	75284	70210950000069888456	12/14/21	Delivered	12/17/21	YES	
ORRI	Pegasus Resources, LLC	P.O. BOX 470698	FORT WORTH	TX	76147	70210950000069888449	12/14/21	Delivered	12/27/21	YES	
ORRI	John L. Thoma	P.O. BOX 17656	GOLDEN	CO	80402	70210950000069888357	12/14/21	Delivered (per USPS.com	12/31/21	NO	
ORRI	Sandra Mary Thoma	8530 MILL RUN RD	ATHENS	TX	75751	70210950000069888395	12/14/21	Delivered	N/A	YES	
ORRI	Mary Ralph Lowe, Trustee of the Erma Lowe Trust fo	P.O. BOX 4887	HOUSTON	TX	77210	70210950000069888401	12/14/21	Delivered (per USPS.com	12/23/21	NO	
ORRI	C. Mark Wheeler	P.O. BOX 248	ROUND ROCK	TX	78680	70210950000069888418	12/14/21	Delivered (per USPS.com	12/17/21	NO	
ORRI	Paul R. Barwis	P.O. BOX 230	MIDLAND	TX	79702	70210950000069888425	12/14/21	Delivered	N/A	YES	
ORRI	Jareed Partners, Ltd.	P.O. BOX 51451	MIDLAND	TX	79710	70210950000069888340	12/14/21	Delivered	N/A	YES	
ORRI	Penwell Employee Royalty Pool	2201 WINFIELD RD	MIDLAND	TX	79705	70210950000069888333	12/14/21	Delivered	12/16/21	YES	
RI	BLM	414 W. Taylor St.	Hobbs	NM	88240	70210950000069888364	12/14/21	Delivered	12/20/21	YES	

EXHIBIT
C-2

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MCMULLEN MINERALS, LLC P.O. BOX
470857 FORT WORTH TX 76147



9590 9402 6862 1104 4338 64

Number (Transfer from service label)

7021 0950 0000 6988 8463

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

Ed Hutchinson

C. Date of Delivery

12/21/21

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PENWELL EMPLOYEE ROYALTY POOL
2201 WINFIELD RD
MIDLAND TX 79705



9590 9402 6862 1104 4341 82

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8333

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *J. Begman*☒ Agent
☐ Addressee

B. Received by (Printed Name)

DW 550 CV19

C. Date of Delivery

12-16-21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SANDRA MARY THOMA
8530 MILL RUN RD
ATHENS TX 75751



9590 9402 6862 1104 4337 96

Article Number (Transfer from service label)

7021 0950 0000 6988 8395

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

il
il Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PEGASUS RESOURCES, LLC
P.O. BOX 470698
FORT WORTH TX 76147



9590 9402 6862 1104 4338 26

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8449

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent☐ Addressee

B. Received by (Printed Name)

Alex Stentor

C. Date of Delivery

12/27/21

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No**3. Service Type**

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail
Restricted Delivery

(over \$500)

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JAREED PARTNERS, LTD.
P.O. BOX 51451
MIDLAND TX 79710



9590 9402 6862 1104 4338 33

2 Article Number (Transfer from service label)

7021 0950 0000 6988 8340

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No**3. Service Type**

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery
3)

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

C.A. AND BETTY M. DEAN FAMILY, L.P.
P.O. BOX 3480
OMAHA NE 68103



9590 9402 6862 1104 4338 95

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8388

Restricted Delivery

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]* ☐ Agent
☐ Addressee

B. Received by (Printed Name)

Tanisha ☐ Agent
MAINE ☐ Addressee

C. Date of Delivery

12/21/21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

DEC 21 2021

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

OXY Y-1 COMPANY
P.O. BOX 831803
DALLAS TX 75284



9590 9402 6862 1104 4338 57

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8456

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X*C. V. G.*☒ Agent
☐ Addressee

B. Received by (Printed Name)

Alw Cannon

C. Date of Delivery

*12-17-21*D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

ii Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

FRANCO-NEVADA TEXAS LP
1745 SHEA CENTER DR., STE 400
HIGHLANDS RANCH CO 80129



9590 9402 6862 1104 4338 88

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8692

COMPLETE THIS SECTION ON DELIVERY

A. Signature

XG-19

☐ Agent☐ Addressee

B. Received by (Printed Name)

R17

C. Date of Delivery

12-20-21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail
Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PAUL R. BARWIS
P.O. BOX 230
MIDLAND TX 79702



9590 9402 6862 1104 4338 40

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8425

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent
☐ Addressee

B. Received by (Printed Name)

Jessica Rodriguez

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

- ☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

il Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau Land Management
414 W. Taylor St.
Hobbs, NM 88240



9590 9402 6862 1104 4334 75

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8364

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X BLM

☐ Agent☐ Addressee

B. Received by (Printed Name)

LLP 25019

C. Date of Delivery

12/20/21

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery

Mail

Mail Restricted Delivery

(over \$500)

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LONGPOINT MINERALS, LLC
100 SAINT PAUL ST., STE 400 DENVER
CO 80206



9590 9402 6862 1104 4338 71

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8432

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery

- ☐ Priority Mail Express®
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- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
December 19, 2021
and ending with the issue dated
December 19, 2021.

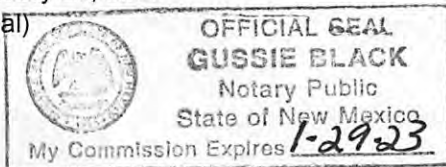

Publisher

Sworn and subscribed to before me this
19th day of December 2021.


Business Manager

My commission expires
January 29, 2023

(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE December 19, 2021

CASE No. 22403: Notice to all affected parties and persons having any right, title, interest or claim to this case, including overriding royalty interest owners, as well as the known and unknown heirs, devisees, assigns and successors of CHEVRON U.S.A. INC., C.A. AND BETTY M. DEAN FAMILY, L.P., FRANCO-NEVADA TEXAS LP, LONGPOINT MINERALS, LLC, MCMULLEN MINERALS, LLC, OXY Y-1 COMPANY, PEGASUS RESOURCES, LLC, JOHN L. THOMA, SANDRA MARY THOMA, MARY RALPH LOWE TRUSTEE OF THE ERMA LOWE TRUST, THE ERMA LOWE TRUST FOR CARSON L. R. YOST, THE ERMA LOWE TRUST FOR SAMANTHA ADELAIDE YOST, AND THE ERMA LOWE TRUST FOR CLAYTON LOWE YOST, C. MARK WHEELER, PAUL R. BARWIS, JAREED PARTNERS, LTD., and PENWELL EMPLOYEE ROYALTY POOL, of Devon Energy Production Company, L.P.'s application for approval of a spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division Examiner will conduct a public hearing at 8:15 a.m. on January 6, 2022, at 1220 S. St. Francis, Santa Fe, New Mexico, 87505. However, under the current COVID-19 Public Health Emergency policies, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441. Devon Energy Production Company, L.P., at 333 W. Sheridan Ave, Oklahoma City, OK 73102, seeks an order from the Division: (1) establishing a standard 800-acre, more or less, horizontal spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring formation, designated as an oil pool, underlying said unit. Said horizontal spacing unit is to be dedicated to the **Muskie 23-11 Fed Com 11H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; the **Muskie 23-11 Fed Com 12H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location approximately at the midpoint between the NW/4 NW/4 (Unit D) and the NE/4 NW/4 (Unit C) of Section 11; and the **Muskie 23-11 Fed Com 13H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11. Proximity tracts will be utilized for the unit. The location is standard; the completed interval and first take and last take points for the wells proposed in the unit meet the Division's statewide setback requirements for horizontal oil wells. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located 14 miles southwest of Jal City and 1.5 miles north of the state line.
#37138

67115820

00261757

KAIYA TOOP
ABADIE SCHILL
555 RIVERGATE LANE 84-180
DURANGO, CO 81301

EXHIBIT
C-3

TAB 1

Reference for Case No. 22404

Application Case No. 22404 – Muskie 23-11 Fed Com 1H Well, Muskie 23-11
Fed Com 2H Well, Muskie 23-11 Fed Com 3H Well, and Muskie 23-11 Fed Com
4H Well

NMOCD Checklist Case No. 22404

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22404

APPLICATION

Devon Energy Production Company, L.P. (“Devon”), OGRID No. 6137, through its undersigned attorneys, hereby files this Application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order (1) establishing a standard 800-acre, more or less, spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Wolfcamp formation, designated as an oil pool, underlying said unit.

In support of its Application, Devon states the following:

1. Devon is a working interest owner in the proposed horizontal spacing and proration unit (“HSU”) and has a right to drill a well thereon.
2. Devon proposes and dedicates four initial wells to the HSU, the **Muskie 23-11 Fed Com 1H Well, Muskie 23-11 Fed Com 2H Well, Muskie 23-11 Fed Com 3H Well, and Muskie 23-11 Fed Com 4H Well**, to be drilled to a depth sufficient to test the Wolfcamp formation.
3. Devon proposes the **Muskie 23-11 Fed Com 1H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11.

4. Devon proposes the **Muskie 23-11 Fed Com 2H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11.

5. Devon proposes the **Muskie 23-11 Fed Com 3H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11. The **Muskie 23-11 Fed Com 3H Well** is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.

6. Devon proposes the **Muskie 23-11 Fed Com 4H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11.

7. The proposed wells are orthodox in their location, and the take points and completed intervals comply with setback requirements under the statewide rules.

8. Devon has sought in good faith, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.

9. The pooling of all interests in the Wolfcamp formation within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste and protect correlative rights.

10. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Devon requests that all uncommitted interests in this HSU be pooled and that Devon be designated the operator of the proposed horizontal wells and HSU.

WHEREFORE, Devon requests that this Application be set for hearing on January 6, 2022, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

A. Approving the creation of a standard 800-acre, more or less, spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico;

B. Pooling all uncommitted mineral interests in the Wolfcamp formation underlying the proposed HSU.

C. Approving the **Muskie 23-11 Fed Com 1H Well, Muskie 23-11 Fed Com 2H Well, Muskie 23-11 Fed Com 3H Well, and Muskie 23-11 Fed Com 4H Well** as the wells for the HSU.

D. Designating Devon as operator of this HSU and the horizontal wells to be drilled thereon;

E. Authorizing Devon to recover its costs of drilling, equipping, and completing the wells;

F. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Setting a 200% charge for the risk assumed by Devon in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ Darin C. Savage

Darin C. Savage

William E. Zimsky

Paula M. Vance

Andrew D. Schill

214 McKenzie Street

Santa Fe, New Mexico 87501

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andrew@abadieschill.com

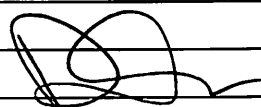
**Attorneys for Devon Energy Production
Company, L.P.**

Application of Devon Energy Production Company, L.P. for a Horizontal Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) establishing a standard 800-acre, more or less, horizontal spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Wolfcamp formation, designated as an oil pool, underlying the unit. The proposed oil wells to be dedicated to the horizontal spacing unit are the **Muskie 23-11 Fed Com 1H Well**, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; the **Muskie 23-11 Fed Com 2H Well**, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; the **Muskie 23-11 Fed Com 3H Well**, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11; and the **Muskie 23-11 Fed Com 4H Well**, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11. The **Muskie 23-11 Fed Com 3H Well** is the proximity well, and proximity tracts will be utilized for the unit. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under the statewide Rules; also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 14 miles southwest of Jal City and 1.5 miles north of the state line.

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case: 22404	APPLICANT'S RESPONSE
Date	January 4, 2022
Applicant	Devon Energy Production Company, L.P.
Designated Operator & OGRID (affiliation if applicable)	6137
Applicant's Counsel:	Darin C. Savage - Abadie & Schill, PC
Case Title:	Application of Devon Energy Production Company, L.P., for a Horizontal Spacing Unit and Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	N/a
Well Family	Muskie
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Exhibit B-2; Muskie 23-11 Fed Com 1H Well TVD approx. 12,800'; Muskie 23-11 Fed Com 2H Well TVD approx. 12,980'; Muskie 23-11 Fed Com 3H Well TVD approx. 12,705'; and Muskie 23-11 Fed Com 4H Well TVD approx. 12,800'
Pool Name and Pool Code:	JABALINA; WOLFCAMP, SOUTHWEST [96776]
Well Location Setback Rules:	NMAC statewide rules apply
Spacing Unit Size:	800 acres, more or less
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	800 acres, more or less
Building Blocks:	quarter quarter sections (40 ac tracts)
Orientation:	south - north
Description: TRS/County	NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes; The Muskie 23-11 Fed Com 3H Well is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.
Proximity Defining Well: if yes, description	Yes; The Muskie 23-11 Fed Com 3H Well is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.
Applicant's Ownership in Each Tract	See Landman Exhibit A-2
Well(s)	

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Muskie 23-11 Fed Com 1H Well (API No. 30-025-pending), SHL: Unit E, 2,485' FNL, 251' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit D, 20' FNL, 400' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #1 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 1H Well: FTP 2,539' FNL, 400' FWL, Section 23; LTP 100' FNL, 400' FWL, Section 11
Well #1 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 1H Well: TVD approx. 12,800', TMD approx. 23,500'; Wolfcamp Formation, See Exhibit B-2
Well #2	Muskie 23-11 Fed Com 2H Well (API No. 30-025-pending), SHL: Unit E, 2,485' FNL, 311' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit D, 20' FNL, 960' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #2 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 2H Well: FTP 2,539' FNL, 960' FWL, Section 23; LTP 100' FNL, 960' FWL, Section 11
Well #2 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 2H Well: TVD approx. 12,980', TMD approx. 25,480'; Wolfcamp Formation, See Exhibit B-2
Well #3	Muskie 23-11 Fed Com 3H Well (API No. 30-025-pending), SHL: Unit F, 2,316' FNL, 1,722' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit C, 20' FNL, 1,520' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #3 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 3H Well: FTP 2,538' FNL, 1,520' FWL, Section 23; LTP 100' FNL, 1,520' FWL, Section 11
Well #3 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 3H Well: TVD approx. 12,705', TMD approx. 25,205'; Wolfcamp Formation, See Exhibit B-2
Well #4	Muskie 23-11 Fed Com 4H Well (API No. 30-025-pending), SHL: Unit F, 2,316' FNL, 1,752' FWL, Section 23, T26S-R34E, NMPM; BHL: Unit C, 20' FNL, 2,080' FWL Section 11, T26S-R34E, NMPM, standup, standard location
Well #4 Horizontal Well First and Last Take Points	Muskie 23-11 Fed Com 4H Well: FTP 2,538' FNL, 2,080' FWL, Section 23; LTP 100' FNL, 2,080' FWL, Section 11
Well #4 Completion Target (Formation, TVD and MD)	Muskie 23-11 Fed Com 4H Well: TVD approx. 12,800', TMD approx. 25,300'; Wolfcamp Formation, See Exhibit B-2
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000, Exhibits A and A-3
Production Supervision/Month \$	\$800, Exhibits A and A-3
Justification for Supervision Costs	Exhibit A

Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C, C-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-2
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-2
Pooled Parties (including ownership type)	Exhibit A-2
Unlocatable Parties to be Pooled	Exhibit A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-4
Overhead Rates In Proposal Letter	Exhibit A-3
Cost Estimate to Drill and Complete	Exhibit A-3
Cost Estimate to Equip Well	Exhibit A-3
Cost Estimate for Production Facilities	Exhibit A-3
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B, B-1
Target Formation	Exhibit B, B-2
HSU Cross Section	Exhibit B-2, B-4, B-5
Depth Severance Discussion	Exhibit B
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-1, A-2, B-1
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit B-1, B-4
Structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section Location Map (including wells)	Exhibit B-2, B-5
Cross Section (including Landing Zone)	Exhibit B-2, B-4, B-5
Additional Information	
Special Provisions/Stipulations	N/a
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Darin C. Savage 
Signed Name (Attorney or Party Representative):	
Date:	1/4/2022

TAB 2

Exhibit A: Affidavit of Tim Prout, Landman
Exhibit A-1: C-102 Forms
Exhibit A-2: Ownership and Sectional Map
Exhibit A-3: Well Proposal Letters and AFEs
Exhibit A-4: Chronology of Contacts with Uncommitted Owners

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22404

AFFIDAVIT OF TIM PROUT

STATE OF OKLAHOMA)
) ss.
COUNTY OF OKLAHOMA)

I, being duly sworn on oath, state the following:

1. I am over the age of eighteen years and have the capacity to execute this Affidavit, which is based on my personal knowledge.

2. I am employed as a Senior Staff Landman with Devon Energy Production Company, L.P. ("Devon"), and I am familiar with the subject application and the lands involved.

3. I graduated in 2011 from Texas Tech University with a bachelor's degree in Energy Commerce. I have worked at Devon for approximately 10 years, and I have been working in New Mexico for 6 years. My credentials as a petroleum landman have been accepted by the New Mexico Oil Conservation Division ("Division") and made a matter of record.

4. This affidavit is submitted in connection with the filing by Devon of the above-referenced spacing and compulsory pooling application pursuant to 19.15.4.12.A(1).

5. Devon seeks an order pooling all uncommitted mineral interest in the Wolfcamp formation ([JABALINA; WOLFCAMP, SOUTHWEST]; Pool Code: [96776]) underlying a standard 800-acre, more or less, horizontal spacing and proration unit comprised of the NW/4 of

EXHIBIT
A

Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico.

6. Under Case No. 22404, Devon seeks to dedicate to the unit four initial oil wells: **Muskie 23-11 Fed Com 1H Well, Muskie 23-11 Fed Com 2H Well, Muskie 23-11 Fed Com 3H Well, and Muskie 23-11 Fed Com 4H Well.**

7. The **Muskie 23-11 Fed Com 1H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; approximate TVD of 12,800'; approximate TMD of 25,300'; FTP in Section 23: 2,539' FNL, 400' FWL; LTP in Section 11: 100' FNL, 400' FWL.

8. The **Muskie 23-11 Fed Com 2H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; approximate TVD of 12,980'; approximate TMD of 25,480'; FTP in Section 23: 2,539' FNL, 960' FWL; LTP in Section 11: 100' FNL, 960' FWL.

9. The **Muskie 23-11 Fed Com 3H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11; approximate TVD of 12,705'; approximate TMD of 25,205'; FTP in Section 23: 2,538' FNL, 1,520' FWL; LTP in Section 11: 100' FNL, 1,520' FWL. The **Muskie 23-11 Fed Com 3H Well** is the proximity well positioned in the unit to allow for the use of proximity tracts in order to create the larger unit covering the NW/4 of Section 23, and the W/2 of Sections 14 and 11.

10. The **Muskie 23-11 Fed Com 4H Well** (API 30-015-pending) is to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location

in the NE/4 NW/4 (Unit C) of Section 11; approximate TVD of 12,800'; approximate TMD of 25,300'; FTP in Section 23: 2,538' FNL, 2,080' FWL; LTP in Section 11: 100' FNL, 2,080' FWL.

11. The proposed C-102 for each well is attached as **Exhibit A-1**.

12. A general location plat and a plat outlining the unit being pooled is attached hereto as **Exhibit A-2**, which show the location of the proposed wells within the unit. The location of each well is orthodox and meets the Division's offset requirements.

13. The parties being pooled, the nature of their interests, and their last known addresses are listed on **Exhibit A-2** attached hereto. **Exhibit A-2** includes information regarding working interest owners and overriding royalty interest owners.

14. There are no depth severances in the Wolfcamp formation in this acreage.

15. I provided the law firm of Abadie & Schill P.C. a list of names and addresses for the uncommitted interest owners shown on **Exhibit A-2**. In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. All interest owners and overriding royalty interest owners were locatable and received notice. Devon published notice in the Hobbs News-Sun, a newspaper of general circulation in Lea County, New Mexico, to account for any unlocatable parties and cover any contingencies regarding notice.

16. Devon has made a good faith effort to negotiate with the interest owners but has been unable to obtain voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed horizontal spacing unit. **Exhibit A-4** provides a chronology and history of contacts with the owners.

17. The interest owners being pooled have been contacted regarding the proposed wells but have failed or refused to voluntarily commit their interest in the wells. However, Devon has been in ongoing discussions with some of the interest owners to voluntarily enter into a Joint Operating Agreement. If a mutually agreeable Joint Operating Agreement is reached between Devon and another interest owner or owners, Devon requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division may deem it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and protection of correlative rights.

18. **Exhibit A-3** is a sample proposal letter and the AFEs for each proposed well. The estimated cost of the wells set forth in the AFEs is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

19. Devon requests overhead and administrative rates of \$8,000/month for drilling each well and \$800/month for producing each well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of New Mexico. Devon requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

20. Devon requests the maximum costs recoverable, plus a 200% risk charge be assessed against the working interest owners who elect not to participate in the wells.

21. Devon requests that it be designated operator of the unit and wells.

22. The Exhibits to this Affidavit were prepared by me or compiled from Devon's company business records under my direct supervision.

23. The granting of this Application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

24. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT

Tim Prout

Tim Prout

Subscribed to and sworn before me this 30 day of December 2021.

Lorrie A. Youngblood

Notary Public



DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
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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, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	MUSKIE 23-11 FED COM	1H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3212.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	26-S	34-E		2485	NORTH	251	WEST	LEA

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
D	11	26-S	34-E		20	NORTH	400	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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

MUSKIE 23-11 FED COM 1H

EL: 3212.6'
LAT:32.029344
LON:103.448442
N:375537.12
E:815560.70

FIRST TAKE POINT

2539' FNL 400' FWL SEC. 23
LAT:32.029192
LON:103.447961
N:375483.13
E:815710.16

LAST TAKE POINT

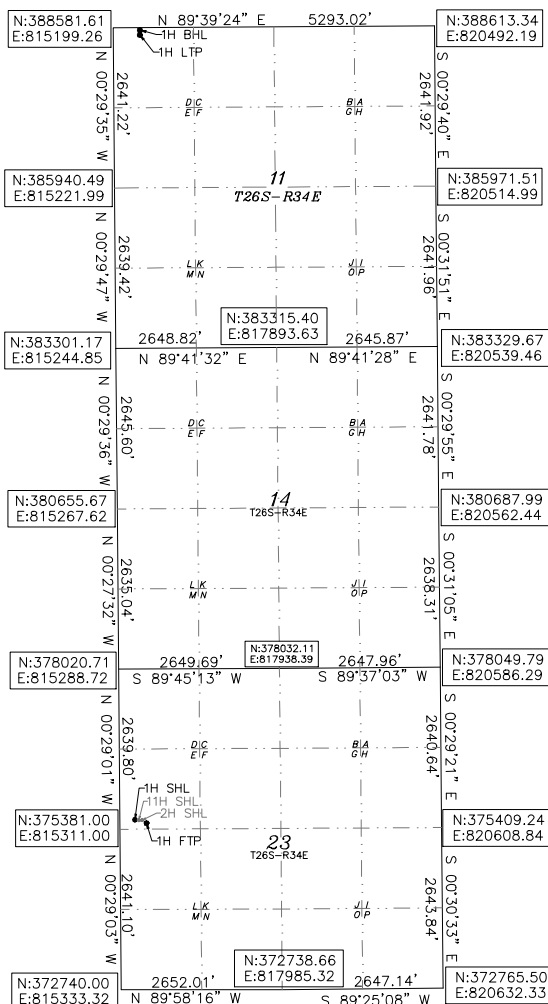
100' FNL 400' FWL SEC. 11
LAT:32.064930
LON:103.447972
N:388484.01
E:815600.12

BOTTOM OF HOLE

LAT:32.065150
LON:103.447972
N:388564.01
E:815599.43

**EXHIBIT
A-1**

Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Printed Name

E-mail Address

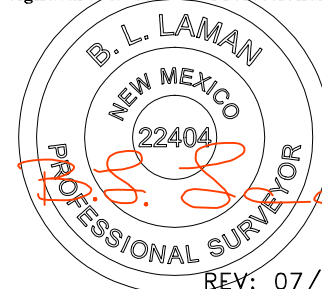
SURVEYOR CERTIFICATION

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.

06/23/2021

Date of Survey

Signature & Seal of Professional Surveyor



REV: 07/14/21

Certificate No. 22404

B.L. LAMAN

DRAWN BY: JP

Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 1H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	23	26-S	34-E		2539	NORTH	400	WEST	LEA
Latitude					Longitude				NAD
32.029192					103.447961				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	11	26-S	34-E		100	NORTH	400	WEST	LEA
Latitude					Longitude				NAD
32.064930					103.447972				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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1625 N. FRENCH DR., HOBBS, NM 88240
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Santa Fe, New Mexico 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	MUSKIE 23-11 FED COM	2H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3212.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	26-S	34-E		2485	NORTH	311	WEST	LEA

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
D	11	26-S	34-E		20	NORTH	960	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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

MUSKIE 23-11 FED COM 2H

EL: 3212.6'
LAT:32.029343
LON:103.448248
N:375537.12
E:815620.70

FIRST TAKE POINT

2539' FNL 960' FWL SEC. 23
LAT:32.029188
LON:103.446154
N:375486.12
E:816270.15

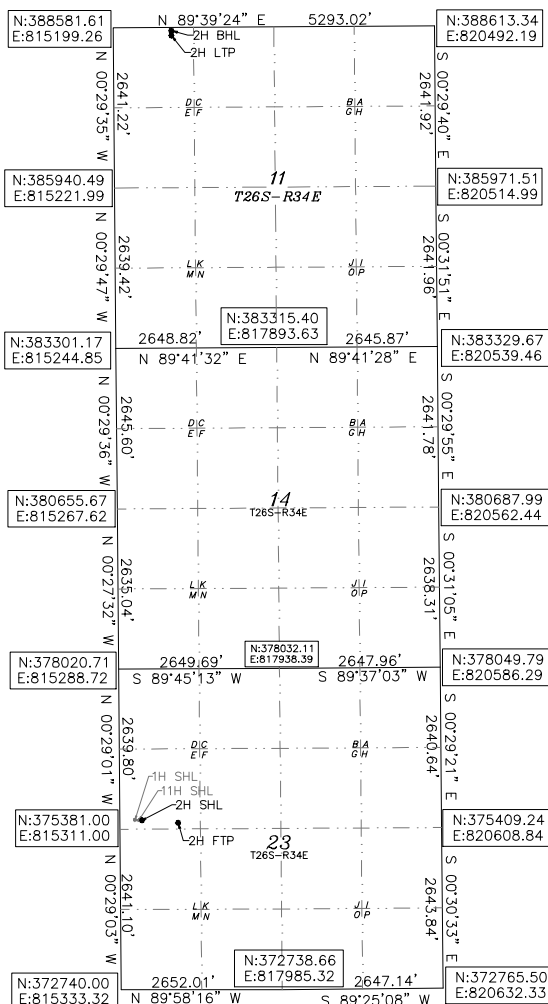
LAST TAKE POINT

100' FNL 960' FWL SEC. 11
LAT:32.064926
LON:103.446165
N:388487.37
E:816160.11

BOTTOM OF HOLE

LAT:32.065146
LON:103.446165
N:388567.37
E:816159.42

Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Printed Name

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.

01/27/2020

Date of Survey

Signature & Seal of Professional Surveyor

B. L. LAMAN
NEW MEXICO
22404
PROFESSIONAL SURVEYOR
REV: 07/14/21
Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 2H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	23	26-S	34-E		2539	NORTH	960	WEST	LEA
Latitude					Longitude				NAD
32.029188					103.446154				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	11	26-S	34-E		100	NORTH	960	WEST	LEA
Latitude					Longitude				NAD
32.064926					103.446165				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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Santa Fe, New Mexico 87505

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Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3209.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	26-S	34-E		2316	NORTH	1722	WEST	LEA

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
C	11	26-S	34-E		20	NORTH	1520	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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

MUSKIE 23-11 FED COM 3H

EL: 3209.1'
LAT:32.029792
LON:103.443696
N:375712.18
E:817030.27

FIRST TAKE POINT

2538' FNL 1520' FWL SEC. 23
LAT:32.029183
LON:103.444347
N:375489.10
E:816830.15

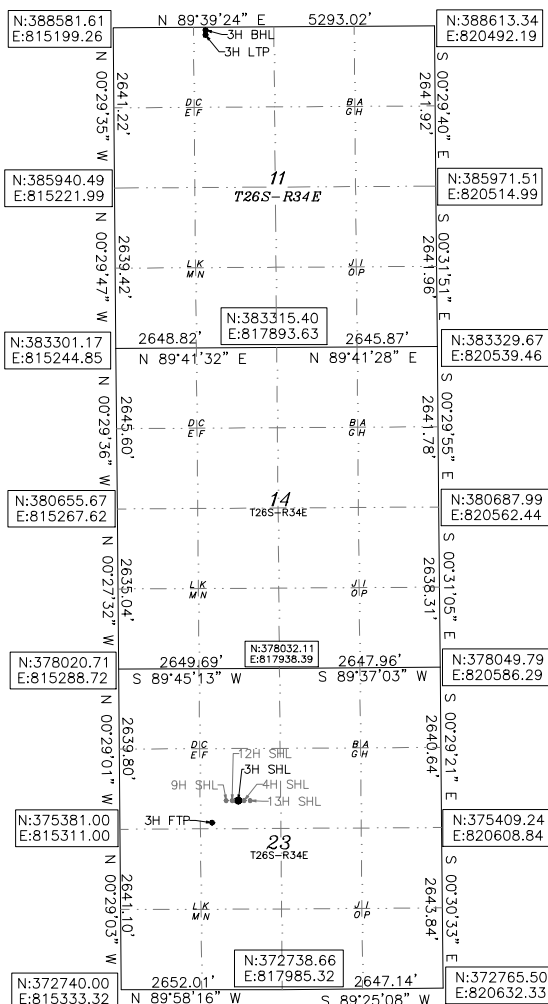
LAST TAKE POINT

100' FNL 1520' FWL SEC. 11
LAT:32.064923
LON:103.444357
N:388490.72
E:816720.10

BOTTOM OF HOLE

LAT:32.065143
LON:103.444357
N:388570.72
E:816719.41

Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Printed Name

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.

01/27/2020

Date of Survey

Signature & Seal of Professional Surveyor

B. L. LAMAN
NEW MEXICO
22404
PROFESSIONAL SURVEYOR
REV: 07/14/21
Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 3H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	23	26-S	34-E		2538	NORTH	1520	WEST	LEA
Latitude					Longitude				NAD
32.029183					103.444347				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	11	26-S	34-E		100	NORTH	1520	WEST	LEA
Latitude					Longitude				NAD
32.064923					103.444357				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MUSKIE 23-11 FED COM	Well Number 4H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3209.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	23	26-S	34-E		2316	NORTH	1752	WEST	LEA

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
C	11	26-S	34-E		20	NORTH	2080	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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**

MUSKIE 23-11 FED COM 4H

EL: 3209.6'
LAT:32.029792
LON:103.443599
N:375712.31
E:817060.27

FIRST TAKE POINT

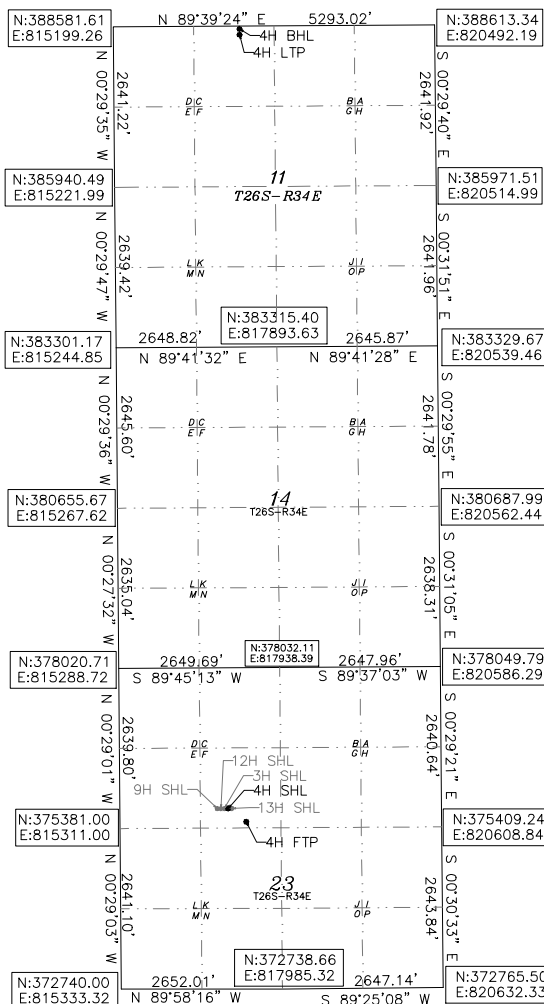
2538' FNL 2080' FWL SEC. 23
LAT:32.029179
LON:103.442540
N:375492.09
E:817390.14

LAST TAKE POINT

100' FNL 2080' FWL SEC. 11
LAT:32.064919
LON:103.442549
N:388494.08
E:817280.09

BOTTOM OF HOLE

LAT:32.065139
LON:103.442549
N:388574.08
E:817279.41



Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature

Date

Printed Name

E-mail Address

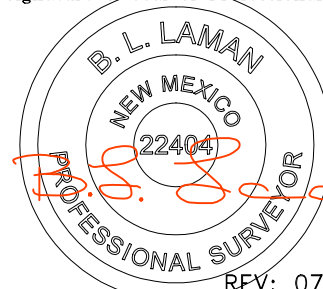
SURVEYOR CERTIFICATION

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.

01/27/2020

Date of Survey

Signature & Seal of Professional Surveyor



REV: 07/14/21

Certificate No. 22404

B.L. LAMAN

DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: MUSKIE 23-11 FED COM	Well Number 4H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	23	26-S	34-E		2538	NORTH	2080	WEST	LEA
Latitude					Longitude				NAD
32.029179					103.442540				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	11	26-S	34-E		100	NORTH	2080	WEST	LEA
Latitude					Longitude				NAD
32.064919					103.442549				83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



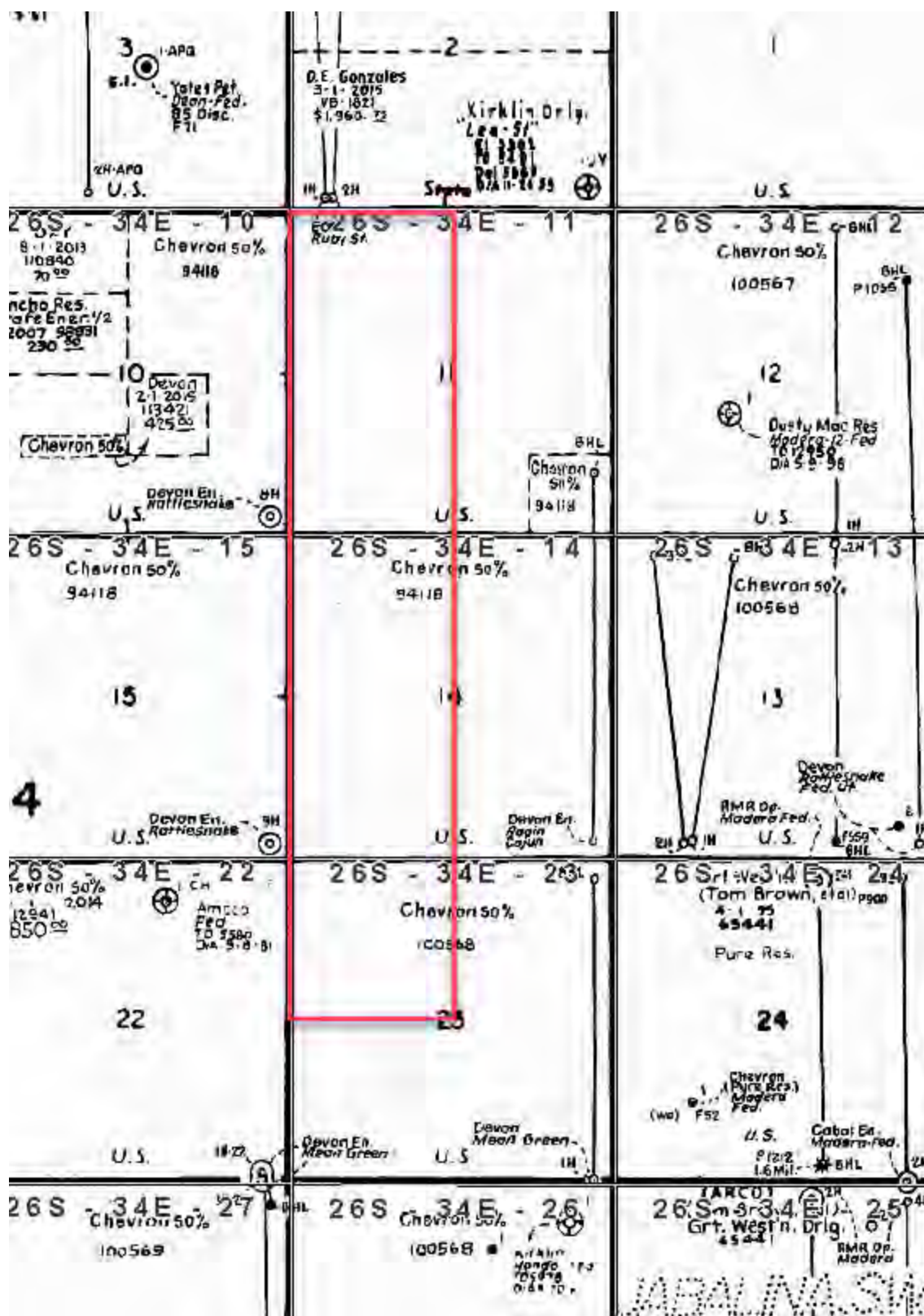


Exhibit A-2: Ownership and Sectional Map

Case No. 22404, Muskie 23-11 Fed Com 1H, 2H, 3H and 4H
 NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea
 County, New Mexico
 Permian Basin, Sub-basin: Delaware Basin

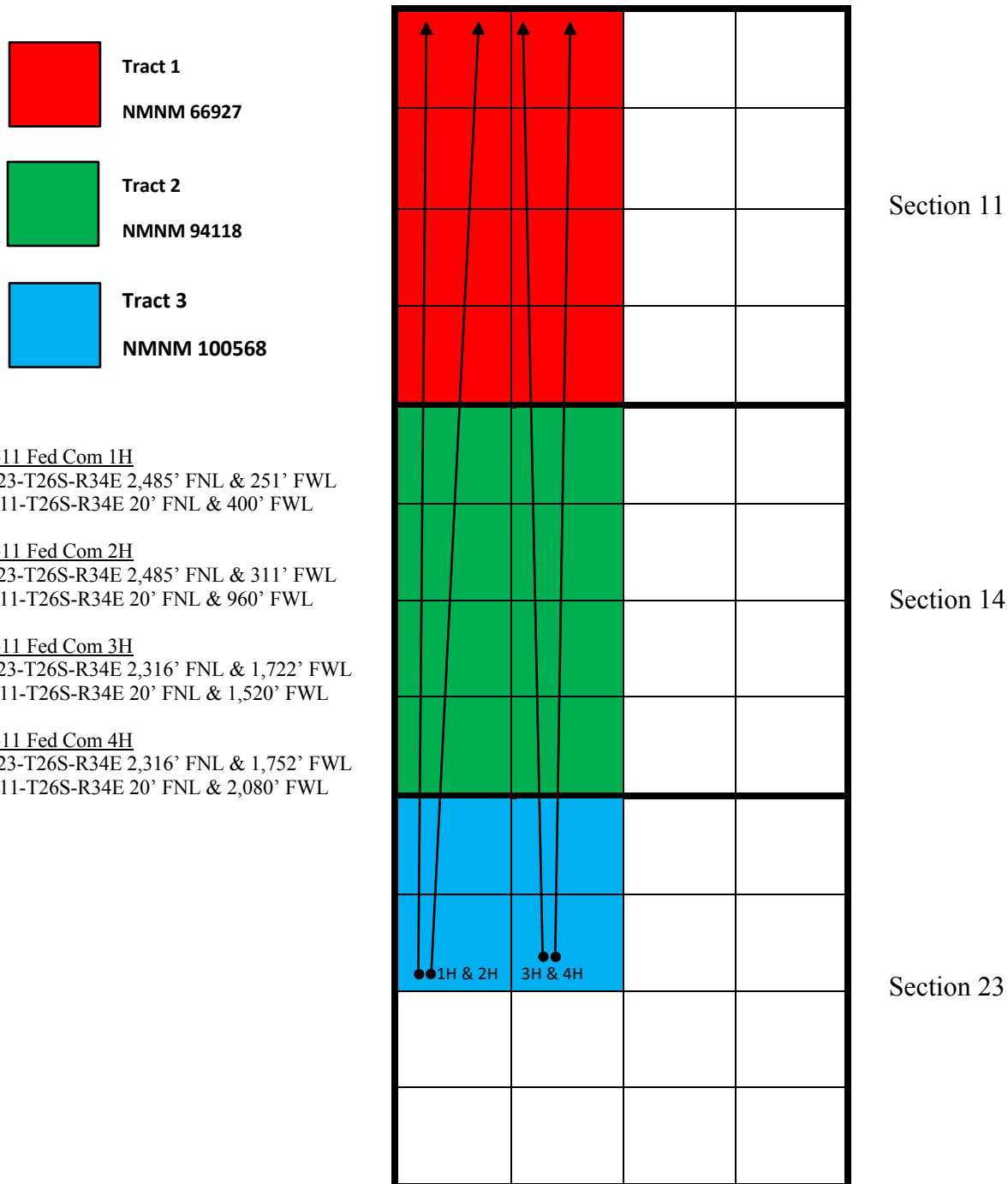


EXHIBIT
A-2

Exhibit A-2: Ownership and Sectional MapOwnership Breakdown Wolfcamp Formation

NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico

Muskie 23-11 Fed Com 1H Well, Muskie 23-11 Fed Com 2H Well, Muskie 23-11 Fed Com 3H Well, Muskie 23-11 Fed Com 4H Well

TRACTS 1, 2, and 3 OWNERSHIP (encompassing the NW/4 of Section 23-T26S-R34E; the W/2 of Section 14-T26S-R34E; and the W/2 of Section 11-T26S-R34E, being 800 acres)

Tract 1 WI	W/2 Sec. 11, Township 26 South, Range 34 East	Status
100.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102	Committed

100.00%	Total	100.00%	Total	00.00%
	Committed		Uncommitted	
	Interest		Interest	

Tract 1 ORRI W/2 Sec. 11, Township 26 South, Range 34 East

C.A. and Betty M. Dean Family LP
P.O. Box 3480
Omaha, NE 68103

Devon Energy Production Company, L.P.
333 W Sheridan Ave
Oklahoma City, OK 73102

Franco-Nevada Texas LP
1745 Shea Center Dr., Ste 400
Highlands Ranch, CO 80129

Longpoint Minerals, LLC
100 Saint Paul St, Ste 400
Denver, CO 80206

McMullen Minerals, LLC
P.O. Box 470857
Fort Worth, TX 76147

OXY Y-1 Company
P.O. Box 831803
Dallas, TX 75284

Pegasus Resources, LLC
P.O. Box 470698
Fort Worth, TX 76147

Tract 2 WI	W/2 Sec. 14, Township 26 South, Range 34 East	Status
50.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102	Committed

50.00%	Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002	Uncommitted
--------	---	-------------

100.00%	Total	50.00%	Total	50.00%
	Committed		Uncommitted	
	Interest		Interest	

Tract 2 ORRI W/2 Sec. 14, Township 26 South, Range 34 East

John L. Thoma
P.O. Box 17656
Golden, CO 80402

Sandra Mary Thoma
8530 Mill Run Rd
Athens, TX 75751

Mary Ralph Lowe, Trustee of the Erma Lowe Trust for Carson L. R. Yost (1/3), the Erma Lowe Trust for Samantha Adelaide Yost (1/3), and the Erma Lowe Trust for Clayton Lowe Yost (1/3)
P.O. Box 4887
Houston, TX 77210

C. Mark Wheeler
P.O. Box 248
Round Rock, TX 78680

Paul R. Barwis
P.O. Box 230
Midland, TX 79702

Jareed Partners, Ltd.
P.O. Box 51451
Midland, TX 79710

Penwell Employee Royalty Pool
2201 Winfield Rd
Midland, TX 79705

Devon Energy Production Company, L.P.
333 W Sheridan Ave
Oklahoma City, OK 73102

Tract 3 WI	NW/4 Sec. 23, Township 26 South, Range 34 East	Status
50.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102	Committed

50.00%	Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002	Uncommitted
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100.00%	Total	50.00%	Total	50.00%
	Committed		Uncommitted	
	Interest		Interest	

Unit Recapitulation WI	W/2 Sec. 11, W/2 Sec. 14 and NW/4 Sec. 23, Township 26 South, Range 34 East
70.00%	Devon Energy Production Company, L.P. 333 W Sheridan Ave Oklahoma City, OK 73102
30.00%	Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002

100.00%	Total Committed	70.00%	Total Uncommitted Interest	30.00%
	Interest			



Tim Prout
Sr. Staff Landman

Devon Energy
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102-5015
Office: (405) 552-6113

November 15, 2021

VIA EMAIL & FEDEX

Chevron U.S.A. Inc.
Attn: NOJV Group
1400 Smith Street
Houston, Texas 77002

Re: Well Proposals- Muskie 23-11 Fed Com 1H
Muskie 23-11 Fed Com 2H
Muskie 23-11 Fed Com 3H
Muskie 23-11 Fed Com 4H
Muskie 23-11 Fed Com 11H
Muskie 23-11 Fed Com 12H
Muskie 23-11 Fed Com 13H
Lea County, New Mexico

To Whom it May Concern:

Devon Energy Production Company, L.P. ("Devon"), as Operator, proposes to drill and complete the following wells:

- Muskie 23-11 Fed Com 1H as a horizontal well to an approximate landing TVD of 12,800', an approximate bottom hole TVD of 12,635', and an approximate TMD of 25,300' into the Wolfcamp formation at an approximate SHL of 251' FWL and 2,485' FNL of Section 23-26S-34E and an approximate BHL of 400' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,637,560.00 and total completed well costs of \$9,166,516.81.
- Muskie 23-11 Fed Com 2H as a horizontal well to an approximate landing TVD of 12,980', an approximate bottom hole TVD of 12,815', and an approximate TMD of 25,480' into the Wolfcamp formation at an approximate SHL of 311' FWL and 2,485' FNL of Section 23-26S-34E and an approximate BHL of 960' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$4,200,550.00 and total completed well costs of \$9,729,506.81.
- Muskie 23-11 Fed Com 3H as a horizontal well to an approximate landing TVD of 12,705', an approximate bottom hole TVD of 12,555', and an approximate TMD of 25,205' into the Wolfcamp formation at an approximate SHL of 1,722' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 1,520' FWL and 20' FNL of Section 11-26S-34E, Lea

EXHIBIT
A-3

County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,607,899.00 and total completed well costs of \$9,171,496.52.

- Muskie 23-11 Fed Com 4H as a horizontal well to an approximate landing TVD of 12,800', an approximate bottom hole TVD of 12,635', and an approximate TMD of 25,300' into the Wolfcamp formation at an approximate SHL of 1,752' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 2,080' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,629,185.00 and total completed well costs of \$9,192,782.52.
- Muskie 23-11 Fed Com 11H as a horizontal well to an approximate landing TVD of 10,995', an approximate bottom hole TVD of 10,785', and an approximate TMD of 23,495' into the Bone Spring formation at an approximate SHL of 281' FWL and 2,845' FNL of Section 23-26S-34E and an approximate BHL of 440' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,130,951.00 and total completed well costs of \$8,548,707.81.
- Muskie 23-11 Fed Com 12H as a horizontal well to an approximate landing TVD of 10,995', an approximate bottom hole TVD of 10,785', and an approximate TMD of 23,495' into the Bone Spring formation at an approximate SHL of 1,692' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 1,320' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$2,855,340.70 and total completed well costs of \$8,307,738.22.
- Muskie 23-11 Fed Com 13H as a horizontal well to an approximate landing TVD of 10,995', an approximate bottom hole TVD of 10,785', and an approximate TMD of 23,495' into the Bone Spring formation at an approximate SHL of 1,782' FWL and 2,316' FNL of Section 23-26S-34E and an approximate BHL of 2,200' FWL and 20' FNL of Section 11-26S-34E, Lea County, New Mexico. Enclosed for your review is Devon's AFE, indicating drilling costs of \$3,201,502.47 and total completed well costs of \$8,653,899.99.

Devon proposes to drill this well pursuant to the proposed amendment to the JOA dated September 1, 2004 between Devon, as Operator and Chesapeake Exploration Limited Partnership, as Non-Operator. The proposed amendment will provide for 2 additional contract areas. The first covering the E/2 of Section 11, E/2 of Section 14 and NE/4 of Section 23-T26S-R34E and the second covering the W/2 of Section 11, W/2 of Section 14 and the NW/4 of Section 23-T26S-R34E, Lea County, New Mexico. All other provisions shall remain unchanged.

If you wish to participate in the operation, please indicate in the space provided below, along with a signed AFE, and deliver to my attention at the letterhead address or by email at Tim.Prout@dvn.com.

If you have any questions concerning this proposal, please contact me at (405) 552-6113 or Tim.Prout@dvn.com.

Very truly yours,

Devon Energy Production Company, L.P.



Tim Prout
Senior Staff Landman

_____ **To Participate** in the Muskie 23-11 Fed Com 1H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 1H well

_____ **To Participate** in the Muskie 23-11 Fed Com 2H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 2H well

_____ **To Participate** in the Muskie 23-11 Fed Com 3H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 3H well

_____ **To Participate** in the Muskie 23-11 Fed Com 4H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 4H well

_____ **To Participate** in the Muskie 23-11 Fed Com 11H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 11H well

_____ **To Participate** in the Muskie 23-11 Fed Com 12H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 12H well

_____ **To Participate** in the Muskie 23-11 Fed Com 13H well

_____ **Not to Participate** in the Muskie 23-11 Fed Com 13H well

Agreed to and Accepted this _____ day of _____ 20____.

Chevron U.S.A. Inc.

By: _____



Authorization for Expenditure

AFE # XX-135217.01				AFE Date: 11/15/2021	
Well Name: MUSKIE 23-11 FED COM 1H				State: NM	
Cost Center Number: 1094130801				County/Parish: LEA	
Legal Description: SEC 23 & 11-26S-34E					
Revision: <input type="checkbox"/>					

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 1H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,083.24	0.00	249,083.24
6060100	DYED LIQUID FUELS	95,763.00	532,656.37	0.00	628,419.37
6060120	ELEC & UTILITIES	26,410.00	0.00	0.00	26,410.00
6060130	GASEOUS FUELS	21,128.00	0.00	0.00	21,128.00
6080100	DISPOSAL - SOLIDS	68,766.00	2,119.47	0.00	70,885.47
6080110	DISP-SALTWATER & OTH	0.00	10,337.62	0.00	10,337.62
6080115	DISP VIA PIPELINE SW	0.00	178,200.00	0.00	178,200.00
6090100	FLUIDS - WATER	19,800.00	112,964.53	0.00	132,764.53
6090120	RECYC TREAT&PROC-H2O	0.00	339,943.30	0.00	339,943.30
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	30,000.00	46,188.26	0.00	76,188.26
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	2,905.00	0.00	0.00	2,905.00
6130360	RTOC - ENGINEERING	0.00	26,816.19	0.00	26,816.19
6130370	RTOC - GEOSTEERING	14,349.00	0.00	0.00	14,349.00
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	302,760.19	0.00	302,760.19
6160100	MATERIALS & SUPPLIES	529.00	0.00	0.00	529.00
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,871.31	0.00	123,871.31
6190100	TRCKG&HL-SOLID&FLUID	21,128.00	0.00	0.00	21,128.00
6190110	TRUCKING&HAUL OF EQP	36,900.00	38,153.18	0.00	75,053.18
6200130	CONSLT & PROJECT SVC	115,478.00	115,099.58	0.00	230,577.58
6230120	SAFETY SERVICES	34,333.00	0.00	0.00	34,333.00
6300270	SOLIDS CONTROL SRVCS	65,101.00	0.00	0.00	65,101.00
6310120	STIMULATION SERVICES	0.00	933,945.25	0.00	933,945.25
6310190	PROPPANT PURCHASE	0.00	731,833.83	0.00	731,833.83
6310200	CASING & TUBULAR SVC	95,700.00	0.00	0.00	95,700.00
6310250	CEMENTING SERVICES	165,000.00	0.00	0.00	165,000.00
6310280	DAYWORK COSTS	557,507.00	0.00	0.00	557,507.00
6310300	DIRECTIONAL SERVICES	275,000.00	0.00	0.00	275,000.00
6310310	DRILL BITS	118,600.00	0.00	0.00	118,600.00
6310330	DRILL&COMP FLUID&SVC	423,286.00	25,806.52	0.00	449,092.52
6310370	MOB & DEMOBILIZATION	28,625.00	0.00	0.00	28,625.00
6310380	OPEN HOLE EVALUATION	17,219.00	0.00	0.00	17,219.00
6310480	TSTNG-WELL, PL & OTH	0.00	132,992.33	0.00	132,992.33
6310600	MISC PUMPING SERVICE	0.00	48,182.66	0.00	48,182.66
6320100	EQPMNT SVC-SRF RNTL	88,668.00	182,629.13	0.00	271,297.13
6320110	EQUIP SVC - DOWNHOLE	187,107.00	42,766.78	0.00	229,873.78
6320160	WELDING SERVICES	1,000.00	0.00	0.00	1,000.00
6320190	WATER TRANSFER	0.00	140,808.38	0.00	140,808.38
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-135217.01

Well Name: MUSKIE 23-11 FED COM 1H

Cost Center Number: 1094130801

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00
6550100	MISCS COSTS & SERVS	0.00	7,400.00	0.00	7,400.00
6550110	MISCELLANEOUS SVC	48,500.00	0.00	0.00	48,500.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	7,923.00	45,325.19	0.00	53,248.19
6740340	TAXES OTHER	278.00	30,600.00	0.00	30,878.00
	Total Intangibles	2,638,003.00	4,622,386.10	0.00	7,260,389.10

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	2,966.00	0.00	0.00	2,966.00
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	30,000.00	0.00	30,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	73,007.91	0.00	73,007.91
6310460	WELLHEAD EQUIPMENT	90,000.00	86,792.08	0.00	176,792.08
6310530	SURFACE CASING	41,504.00	0.00	0.00	41,504.00
6310540	INTERMEDIATE CASING	318,323.00	0.00	0.00	318,323.00
6310550	PRODUCTION CASING	494,254.00	0.00	0.00	494,254.00
6310580	CASING COMPONENTS	32,510.00	0.00	0.00	32,510.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	999,557.00	906,570.71	0.00	1,906,127.71

TOTAL ESTIMATED COST	3,637,560.00	5,528,956.81	0.00	9,166,516.81
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.



Authorization for Expenditure

AFE # XX-135218.01				AFE Date: 11/15/2021	
Well Name: MUSKIE 23-11 FED COM 2H				State: NM	
Cost Center Number: 1094130901				County/Parish: LEA	
Legal Description: SEC 23 & 11-26S-34E					
Revision: <input type="checkbox"/>					

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 2H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,083.24	0.00	249,083.24
6060100	DYED LIQUID FUELS	64,080.00	532,656.37	0.00	596,736.37
6060120	ELEC & UTILITIES	64,080.00	0.00	0.00	64,080.00
6080100	DISPOSAL - SOLIDS	196,237.00	2,119.47	0.00	198,356.47
6080110	DISP-SALTWATER & OTH	0.00	10,337.62	0.00	10,337.62
6080115	DISP VIA PIPELINE SW	0.00	178,200.00	0.00	178,200.00
6090100	FLUIDS - WATER	28,000.00	112,964.53	0.00	140,964.53
6090120	RECYC TREAT&PROC-H2O	0.00	339,943.30	0.00	339,943.30
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	30,000.00	46,188.26	0.00	76,188.26
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	6,479.00	0.00	0.00	6,479.00
6130360	RTOC - ENGINEERING	0.00	26,816.19	0.00	26,816.19
6130370	RTOC - GEOSTEERING	21,114.00	0.00	0.00	21,114.00
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	302,760.19	0.00	302,760.19
6160100	MATERIALS & SUPPLIES	712.00	0.00	0.00	712.00
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,871.31	0.00	123,871.31
6190100	TRCKG&HL-SOLID&FLUID	26,700.00	0.00	0.00	26,700.00
6190110	TRUCKING&HAUL OF EQP	35,100.00	38,153.18	0.00	73,253.18
6200130	CONSLT & PROJECT SVC	217,100.00	115,099.58	0.00	332,199.58
6230120	SAFETY SERVICES	46,280.00	0.00	0.00	46,280.00
6300270	SOLIDS CONTROL SRVCS	88,375.00	0.00	0.00	88,375.00
6310120	STIMULATION SERVICES	0.00	933,945.25	0.00	933,945.25
6310190	PROPPANT PURCHASE	0.00	731,833.83	0.00	731,833.83
6310200	CASING & TUBULAR SVC	80,100.00	0.00	0.00	80,100.00
6310250	CEMENTING SERVICES	195,000.00	0.00	0.00	195,000.00
6310280	DAYWORK COSTS	747,600.00	0.00	0.00	747,600.00
6310300	DIRECTIONAL SERVICES	283,920.00	0.00	0.00	283,920.00
6310310	DRILL BITS	131,000.00	0.00	0.00	131,000.00
6310330	DRILL&COMP FLUID&SVC	325,839.00	25,806.52	0.00	351,645.52
6310370	MOB & DEMOBILIZATION	30,000.00	0.00	0.00	30,000.00
6310380	OPEN HOLE EVALUATION	28,930.00	0.00	0.00	28,930.00
6310480	TSTNG-WELL, PL & OTH	0.00	132,992.33	0.00	132,992.33
6310600	MISC PUMPING SERVICE	0.00	48,182.66	0.00	48,182.66
6320100	EQPMNT SVC-SRF RNTL	129,322.00	182,629.13	0.00	311,951.13
6320110	EQUIP SVC - DOWNHOLE	144,710.00	42,766.78	0.00	187,476.78
6320160	WELDING SERVICES	1,000.00	0.00	0.00	1,000.00
6320190	WATER TRANSFER	0.00	140,808.38	0.00	140,808.38
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-135218.01

Well Name: MUSKIE 23-11 FED COM 2H

Cost Center Number: 1094130901

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6550100	MISCS COSTS & SERVS	0.00	7,400.00	0.00	7,400.00
6550110	MISCELLANEOUS SVC	40,280.00	0.00	0.00	40,280.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	14,240.00	45,325.19	0.00	59,565.19
6740340	TAXES OTHER	186.00	30,600.00	0.00	30,786.00
	Total Intangibles	3,047,384.00	4,622,386.10	0.00	7,669,770.10

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	7,832.00	0.00	0.00	7,832.00
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	30,000.00	0.00	30,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	73,007.91	0.00	73,007.91
6310460	WELLHEAD EQUIPMENT	42,800.00	86,792.08	0.00	129,592.08
6310530	SURFACE CASING	47,961.00	0.00	0.00	47,961.00
6310540	INTERMEDIATE CASING	439,971.00	0.00	0.00	439,971.00
6310550	PRODUCTION CASING	558,592.00	0.00	0.00	558,592.00
6310580	CASING COMPONENTS	36,010.00	0.00	0.00	36,010.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	1,153,166.00	906,570.71	0.00	2,059,736.71

TOTAL ESTIMATED COST	4,200,550.00	5,528,956.81	0.00	9,729,506.81
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.



Authorization for Expenditure

AFE # XX-135219.01			
Well Name: MUSKIE 23-11 FED COM 3H		AFE Date:	11/15/2021
Cost Center Number: 1094131001		State:	NM
Legal Description: SEC 23 & 11-26S-34E		County/Parish:	LEA
Revision: <input type="checkbox"/>			

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 3H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,063.42	0.00	249,063.42
6060100	DYED LIQUID FUELS	95,763.00	533,649.34	0.00	629,412.34
6060120	ELEC & UTILITIES	26,410.00	0.00	0.00	26,410.00
6060130	GASEOUS FUELS	21,128.00	0.00	0.00	21,128.00
6080100	DISPOSAL - SOLIDS	76,200.00	2,119.30	0.00	78,319.30
6080110	DISP-SALTWATER & OTH	0.00	10,336.86	0.00	10,336.86
6080115	DISP VIA PIPELINE SW	0.00	178,200.00	0.00	178,200.00
6090100	FLUIDS - WATER	19,800.00	112,955.63	0.00	132,755.63
6090120	RECYC TREAT&PROC-H2O	0.00	339,916.24	0.00	339,916.24
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	22,500.00	46,187.25	0.00	68,687.25
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	2,905.00	0.00	0.00	2,905.00
6130360	RTOC - ENGINEERING	0.00	26,814.06	0.00	26,814.06
6130370	RTOC - GEOSTEERING	14,349.00	0.00	0.00	14,349.00
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	303,725.10	0.00	303,725.10
6160100	MATERIALS & SUPPLIES	529.00	0.00	0.00	529.00
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,861.45	0.00	123,861.45
6190100	TRCKG&HL-SOLID&FLUID	21,128.00	0.00	0.00	21,128.00
6190110	TRUCKING&HAUL OF EQP	36,900.00	38,151.91	0.00	75,051.91
6200130	CONSLT & PROJECT SVC	114,603.00	117,675.41	0.00	232,278.41
6230120	SAFETY SERVICES	34,333.00	0.00	0.00	34,333.00
6300270	SOLIDS CONTROL SRVCS	65,101.00	0.00	0.00	65,101.00
6310120	STIMULATION SERVICES	0.00	964,159.28	0.00	964,159.28
6310190	PROPPANT PURCHASE	0.00	731,775.57	0.00	731,775.57
6310200	CASING & TUBULAR SVC	95,700.00	0.00	0.00	95,700.00
6310250	CEMENTING SERVICES	165,000.00	0.00	0.00	165,000.00
6310280	DAYWORK COSTS	557,507.00	0.00	0.00	557,507.00
6310300	DIRECTIONAL SERVICES	265,000.00	0.00	0.00	265,000.00
6310310	DRILL BITS	118,600.00	0.00	0.00	118,600.00
6310330	DRILL&COMP FLUID&SVC	423,286.00	25,804.47	0.00	449,090.47
6310370	MOB & DEMOBILIZATION	28,625.00	0.00	0.00	28,625.00
6310380	OPEN HOLE EVALUATION	17,219.00	0.00	0.00	17,219.00
6310480	TSTNG-WELL, PL & OTH	0.00	133,050.72	0.00	133,050.72
6310600	MISC PUMPING SERVICE	0.00	48,178.82	0.00	48,178.82
6320100	EQPMNT SVC-SRF RNTL	88,668.00	182,616.98	0.00	271,284.98
6320110	EQUIP SVC - DOWNHOLE	168,387.00	42,763.38	0.00	211,150.38
6320160	WELDING SERVICES	1,000.00	0.00	0.00	1,000.00
6320190	WATER TRANSFER	0.00	140,797.17	0.00	140,797.17
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-135219.01

Well Name: MUSKIE 23-11 FED COM 3H

Cost Center Number: 1094131001

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00
6550100	MISCS COSTS & SERVS	0.00	7,400.00	0.00	7,400.00
6550110	MISCELLANEOUS SVC	48,500.00	0.00	0.00	48,500.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	7,923.00	45,324.29	0.00	53,247.29
6740340	TAXES OTHER	278.00	30,600.00	0.00	30,878.00
	Total Intangibles	2,608,342.00	4,657,029.44	0.00	7,265,371.44

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	2,966.00	0.00	0.00	2,966.00
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	30,000.00	0.00	30,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	73,007.81	0.00	73,007.81
6310460	WELLHEAD EQUIPMENT	90,000.00	86,789.55	0.00	176,789.55
6310530	SURFACE CASING	41,504.00	0.00	0.00	41,504.00
6310540	INTERMEDIATE CASING	318,323.00	0.00	0.00	318,323.00
6310550	PRODUCTION CASING	494,254.00	0.00	0.00	494,254.00
6310580	CASING COMPONENTS	32,510.00	0.00	0.00	32,510.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	999,557.00	906,568.08	0.00	1,906,125.08

TOTAL ESTIMATED COST	3,607,899.00	5,563,597.52	0.00	9,171,496.52
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-135230.01			
Well Name: MUSKIE 23-11 FED COM 4H		AFE Date:	11/15/2021
Cost Center Number: 1094131101		State:	NM
Legal Description: SEC 23 & 11-26S-34E		County/Parish:	LEA
Revision: <input type="checkbox"/>			

Explanation and Justification:

DRILL AND COMPLETE FOR MUSKIE 23-11 FED COM 4H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	249,063.42	0.00	249,063.42
6060100	DYED LIQUID FUELS	95,763.00	533,649.34	0.00	629,412.34
6060120	ELEC & UTILITIES	26,410.00	0.00	0.00	26,410.00
6060130	GASEOUS FUELS	21,128.00	0.00	0.00	21,128.00
6080100	DISPOSAL - SOLIDS	68,766.00	2,119.30	0.00	70,885.30
6080110	DISP-SALTWATER & OTH	0.00	10,336.86	0.00	10,336.86
6080115	DISP VIA PIPELINE SW	0.00	178,200.00	0.00	178,200.00
6090100	FLUIDS - WATER	19,800.00	112,955.63	0.00	132,755.63
6090120	RECYC TREAT&PROC-H2O	0.00	339,916.24	0.00	339,916.24
6100100	PERMIT SURVEY&TITLE	30,000.00	0.00	0.00	30,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110130	ROAD&SITE PREP SVC	22,500.00	46,187.25	0.00	68,687.25
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6120100	I & C SERVICES	0.00	50,967.86	0.00	50,967.86
6130170	COMM SVCS - WAN	2,905.00	0.00	0.00	2,905.00
6130360	RTOC - ENGINEERING	0.00	26,814.06	0.00	26,814.06
6130370	RTOC - GEOSTEERING	14,349.00	0.00	0.00	14,349.00
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	303,725.10	0.00	303,725.10
6160100	MATERIALS & SUPPLIES	529.00	0.00	0.00	529.00
6170100	PULLING&SWABBING SVC	0.00	6,900.00	0.00	6,900.00
6170110	SNUBBG&COIL TUBG SVC	0.00	123,861.45	0.00	123,861.45
6190100	TRCKG&HL-SOLID&FLUID	21,128.00	0.00	0.00	21,128.00
6190110	TRUCKING&HAUL OF EQP	36,900.00	38,151.91	0.00	75,051.91
6200130	CONSLT & PROJECT SVC	114,603.00	117,675.41	0.00	232,278.41
6230120	SAFETY SERVICES	34,333.00	0.00	0.00	34,333.00
6300270	SOLIDS CONTROL SRVCS	65,101.00	0.00	0.00	65,101.00
6310120	STIMULATION SERVICES	0.00	964,159.28	0.00	964,159.28
6310190	PROPPANT PURCHASE	0.00	731,775.57	0.00	731,775.57
6310200	CASING & TUBULAR SVC	95,700.00	0.00	0.00	95,700.00
6310250	CEMENTING SERVICES	165,000.00	0.00	0.00	165,000.00
6310280	DAYWORK COSTS	557,507.00	0.00	0.00	557,507.00
6310300	DIRECTIONAL SERVICES	275,000.00	0.00	0.00	275,000.00
6310310	DRILL BITS	118,600.00	0.00	0.00	118,600.00
6310330	DRILL&COMP FLUID&SVC	423,286.00	25,804.47	0.00	449,090.47
6310370	MOB & DEMOBILIZATION	28,625.00	0.00	0.00	28,625.00
6310380	OPEN HOLE EVALUATION	17,219.00	0.00	0.00	17,219.00
6310480	TSTNG-WELL, PL & OTH	0.00	133,050.72	0.00	133,050.72
6310600	MISC PUMPING SERVICE	0.00	48,178.82	0.00	48,178.82
6320100	EQPMNT SVC-SRF RNTL	88,668.00	182,616.98	0.00	271,284.98
6320110	EQUIP SVC - DOWNHOLE	187,107.00	42,763.38	0.00	229,870.38
6320160	WELDING SERVICES	1,000.00	0.00	0.00	1,000.00
6320190	WATER TRANSFER	0.00	140,797.17	0.00	140,797.17
6350100	CONSTRUCTION SVC	0.00	159,034.93	0.00	159,034.93

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-135230.01

Well Name: MUSKIE 23-11 FED COM 4H

Cost Center Number: 1094131101

Legal Description: SEC 23 & 11-26S-34E

Revision: ☐

AFE Date: 11/15/2021

State: NM

County/Parish: LEA

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00
6550100	MISCS COSTS & SERVS	0.00	7,400.00	0.00	7,400.00
6550110	MISCELLANEOUS SVC	48,500.00	0.00	0.00	48,500.00
6550120	OTHER ROUSTABOUT SER	0.00	5,000.00	0.00	5,000.00
6630110	CAPITAL OVERHEAD	7,923.00	45,324.29	0.00	53,247.29
6740340	TAXES OTHER	278.00	30,600.00	0.00	30,878.00
	Total Intangibles	2,629,628.00	4,657,029.44	0.00	7,286,657.44

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6120110	I&C EQUIPMENT	0.00	58,618.90	0.00	58,618.90
6120120	MEASUREMENT EQUIP	0.00	27,385.71	0.00	27,385.71
6150110	LOG PERFORATG&WL EQP	0.00	11,250.00	0.00	11,250.00
6230130	SAFETY EQUIPMENT	2,966.00	0.00	0.00	2,966.00
6300150	SEPARATOR EQUIPMENT	0.00	371,124.96	0.00	371,124.96
6300220	STORAGE VESSEL&TANKS	0.00	20,761.41	0.00	20,761.41
6300230	PUMPS - SURFACE	0.00	10,315.29	0.00	10,315.29
6310130	ARTIFICIAL LIFT EQP	0.00	30,000.00	0.00	30,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	73,007.81	0.00	73,007.81
6310460	WELLHEAD EQUIPMENT	90,000.00	86,789.55	0.00	176,789.55
6310530	SURFACE CASING	41,504.00	0.00	0.00	41,504.00
6310540	INTERMEDIATE CASING	318,323.00	0.00	0.00	318,323.00
6310550	PRODUCTION CASING	494,254.00	0.00	0.00	494,254.00
6310580	CASING COMPONENTS	32,510.00	0.00	0.00	32,510.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	217,314.45	0.00	217,314.45
	Total Tangibles	999,557.00	906,568.08	0.00	1,906,125.08

TOTAL ESTIMATED COST	3,629,185.00	5,563,597.52	0.00	9,192,782.52
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.

From: "Prout, Tim" <Tim.Prout@dvn.com>
Subject: FW: Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H and 13H
Proposals and AFE's
Date: November 17, 2021 at 11:59:36 AM MST
To: Darin Savage <darin@abadieschill.com>

FYI

Tim Prout
Sr. Staff Landman
Delaware Basin Business Unit

Devon Energy Production Company, L.P.
333 W. Sheridan Ave.
Oklahoma City, OK 73102
405 552 6113 Direct
405 234 2612 Fax



From: Prout, Tim
Sent: Wednesday, November 17, 2021 12:59 PM
To: 'Sabrsula, Scott' <ScottSabrsula@chevron.com>
Subject: FW: Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H
and 13H Proposals and AFE's

Scott,

I failed to include the proposed overhead rates in the well
proposals for the Muskie wells dated November 15, 2021. The
proposed overhead rates are \$8,000/month for drilling wells and
\$800/month for producing wells.

Please let me know if you have any questions.

Thanks,

Tim Prout

Sr. Staff Landman
Delaware Basin Business Unit

Devon Energy Production Company, L.P.

333 W. Sheridan Ave.
Oklahoma City, OK 73102
405 552 6113 Direct
405 234 2612 Fax



From: Cortez, Chelsey <Chelsey.Cortez@devon.com>
Sent: Monday, November 15, 2021 4:44 PM
To: Sabrsula, Scott <ScottSabrsula@chevron.com>
Cc: Prout, Tim <Tim.Prout@devon.com>
Subject: Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H and 13H Proposals and AFE's

Dear Working Interest Owner,

Please find attached the well proposals and AFE's for Muskie 23-11 Fed Com 1H, 2H, 3H, 4H, 11H, 12H, and 13H. The proposals and AFE's will be mailed via FedEx today. Elections returned by email are appreciated.

Thanks,

Chelsey Cortez

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Exhibit A-4: Chronology of Contacts

Case No. 22404, Muskie 23-11 Fed Com 1H, 2H, 3H and 4H
NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea
County, New Mexico

Chronology of Contact with Non-Joined Working Interests: Chevron U.S.A. Inc.

11/17/2021 – Email Scott Sabrasula; Chevron declines JOA

11/16/2021 – Email Scott Sabrasula; Discussing JOA terms

11/15/2021 – Email Scott Sabrasula; Discussing JOA terms

10/27/2021 – Email Scott Sabrasula; Checking on status of proposed JOA

8/10/2021 – Email Scott Sabrasula; Checking on status of proposed JOA

7/21/2021 – Email Scott Sabrasula; Proposed JOA

TAB 3

Exhibit B: Affidavit of Matthew Myers, Geologist
Exhibit B-1: Structure Map
Exhibit B-2: Stratigraphic Cross Section
Exhibit B-3: Gross Isochore
Exhibit B-4: Gun Barrel View
Exhibit B-5: Trajectory Cross-section

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 22404

AFFIDAVIT OF MATTHEW MYERS

I, Matthew Myers, being duly sworn on oath, state the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
2. I am employed as a petroleum geologist for Devon Energy Production Company, L.P. ("Devon"), and I am familiar with the subject application and the geology involved.
3. This affidavit is submitted in connection with the filing by Devon of the above-referenced compulsory pooling application pursuant to 19.15.4.12.A(1) NMAC.
4. I have a Masters of Science Degree and Bachelor of Science Degree in geology from the University of Kansas, and I have worked on and been involved with oil and gas matters in New Mexico since April 2020. I have not testified previously before the New Mexico Oil Conservation Division ("Division") but ask that my credentials be accepted of record for the purpose of being qualified and recognized as an expert witness in geology. I have attached a resume to this affidavit for the Division's review and consideration.
5. **Exhibit B-1** is a structure map for the top of the Wolfcamp with contour interval of 40'. The unit being pooled is outlined by the red rectangle. The structure map shows that there is a regional down-dip to the south. I do not observe any faulting, pinchouts, or other geologic impediments to developing this targeted interval.

**EXHIBIT
B**

6. **Exhibit B-2** is a stratigraphic cross-section flattened on the Wolfcamp. Each well in the cross-section contains a gamma ray, resistivity, and porosity log. The cross-section demonstrates continuity and slight thickening of the target zone. The well logs on the cross-section give a representative sample of the Wolfcamp XY and Wolfcamp A intervals. The landing zone is highlighted by light, brown shading.

7. Additional exhibits for the benefit of the Division's review include **Exhibit B-3**, a gross isochore of the Wolfcamp A, as well as **Exhibits B-4 and B-5**. **Exhibit B-4** is a gun barrel representation of the unit, and **Exhibit B-5** is a structural cross section built along the wellbore trajectories.

8. I conclude from the attached exhibits that:

- a. The horizontal spacing and proration unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter-quarter section in the unit will contribute more or less equally to production.

9. The preferred well orientation in this area is North to South so that the wells run sub-perpendicular to the inferred orientation of the maximum horizontal stress.


10. The Exhibits to this Affidavit were prepared by me or compiled from Devon's company business records under my direct supervision.

11. The granting of this Application is in the best interests of conservation, the prevention of waste and the drilling of unnecessary wells, and the protection of correlative rights.

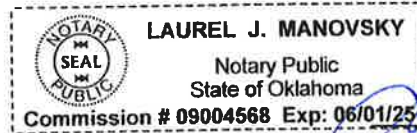
12. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT


Matthew Myers

Subscribed to and sworn before me this 4th day of January 2022.




Notary Public

Matt Myers

Exploration Geologist

785-331-6617 • myersmm180@gmail.com • 4101 Briarcrest Dr • Norman, OK, 73072

SUMMARY

Exploration minded geologist with a strong skill set in geological mapping, sequence stratigraphic based correlation, and prospect generation and appraisal. Strong drive and passion for innovative technology and delivering the best results.

EDUCATION

M.S. Geology • 7/2014

University of Kansas

Thesis: Implications for large scale sea level change in the Turonian Western Interior Seaway: Evidence from the Codell Sandstone, Colorado

Focus of study

Sedimentology

Sequence Stratigraphy

B.S. Geology • 5/2012

University of Kansas



[Matt Myers - Geologist](#)

EXPERIENCE

SENIOR GEOLOGIST • DEVON ENERGY • 7/2014 – PRESENT

Exploration Geologist III – Gulf Coast and South Texas: 09/2020 – Present

- Lead appraisal efforts for the Austin Chalk and Upper Eagleford
- Lead exploration efforts for the Gulf Coast
- Oversee science efforts and budget within the asset team
- Assist in any business development activities within the region

Geologist III – South Texas Business Unit: 03/2019 – 09/2020

- Led appraisal efforts for the Austin Chalk and Upper Eagleford, 205 un-risked MMBOE
- Oversaw, planned, and operated 5 horizontal POC wells in the Austin Chalk, 2 POC wells in the Upper Eagleford, 8 wells over 2 successful spacing tests, and 1 POC well for Lower Eagleford infill
- IRC team lead – Organized and facilitated multidisciplinary discussions to advance the common team goals
- Constructed and carried out 3 time-lapse geochemistry studies

Exploration Geologist II – New Ventures Rockies: 05/2018 – 03/2019

- Performed a regional analysis of the Niobrara Formation to high grade basins of interest utilizing pore pressure, thermal maturity, geochemistry, and infrastructure
- Identified three basins of interest and developed prospects from that work
- One prospect advanced to upper leadership for entry consideration
- Helped setup processes to track, rank, and advance ideas and leads in a normalized fashion across all exploration areas

Exploration Geologist II – New Ventures Gulf Coast: 11/2017 – 05/2018

- Mapping, data mining, evaluating, monitoring competitor activity, and generating prospects for potential future exploration projects
- Mapped the extents of all the major petroleum systems to hone focus
- Regional scoping of the Tertiary system with a focus on the Wilcox
- Developed several prospects for consideration

EXPERIENCE CONTINUED

SENIOR GEOLOGIST • DEVON ENERGY • 7/2014 – PRESENT

Exploration Geologist I – New Ventures Permian Basin: 5/2016 – 11/2017

- Designed and oversaw a 10,000 square mile high resolution magnetics shoot for a data poor area of the basin
- Performed a regional cuttings study to determine ideal entry points based on maturity, source rock characteristics, and lithology
- Lead geologist and project lead on an \$50MM exploratory program
- Developed a prospect, designed a testing strategy, and executed the wells
- Planned and collected ~800' of core in two wells, performed full log suite, and designed formation testing
- Oversaw core sampling and testing
- Worked as a member of a multi-disciplinary team to design a program capable of addressing key concerns and unknowns

Geologist I – Southern Business Unit: 7/2014 – 5/2016

- Experience in multiple plays: Austin Chalk, Eagleford, Eaglebine, and Cotton Valley
- Worked on a small team with reservoir engineers to characterize the economic potential of the Austin Chalk
- Key contributions: Developed internal Austin Chalk sequence stratigraphy, monitored competitor activity in the Austin Chalk, reservoir characterization

GEOLOGY INTERN • DEVON ENERGY • 5/2013 – 8/2013

Intern – Midland Basin Business Unit: Summer 2013

- Examined and mapped leased acreage for oil and gas exploration
- Worked as a member of a small team of geologists
- Added value to the team by making drilling recommendations

GRADUATE TEACHING ASSISTANT • UNIVERSITY OF KANSAS • 8/2013 – 5/2014

- Taught lab courses to undergraduate geology and engineering students, graded assignments, and led discussions
- Courses taught: Petroleum Geology, Sedimentology for engineers, and a Georgia Coast field seminar

SOFTWARE

Proficient in Kingdom, Petra, Star Steer, Spotfire, Orange, Adobe Illustrator, Microsoft Office

PROFESSIONAL TRAINING

- Geoscience Foundations (DVN internal, 2014)
- Introduction to Clastic Depositional Systems: A Petroleum Perspective (Nautilus, 2014)
- Field Exposures of the Eagle Ford - Equivalent Boquillas Formation and Related Upper Cretaceous Units in Southwest Texas (BEG & MSRL, 2014)
- Basic Well Log Analysis (AAPG, 2014)
- Play Fairway Analysis and Exploration Prospecting (Nautilus, 2015)
- From Outcrop to Subsurface: Understanding and Evaluating Shale Resource Plays (Alberta, Canada; Nautilus, 2015)
- Petroleum Economics and Risk Analysis (Nautilus, 2015)
- "Old" (Pre-1958) Electric Log Analysis (OCGS, Asquith, 2015)
- Petroleum Generation and Migration (Nautilus, 2016)
- Evaluating Shale and Tight Oil and Gas Reservoirs (Nautilus, 2016)
- Stratigraphic Interpretation of Siliciclastic Reservoirs: An Integrated Approach (Nautilus, 2016)
- Carbonate Petrophysics (OCGS, Asquith, 2016)
- Principals of Hydraulic Fracturing (Barree and Associates, 2016)
- Applied Subsurface Mapping (SCA, 2016)
- Intro to Applied Geomechanics for Oil and Gas Exploration (DVN internal, 2016)
- Recognition of Mudstone Depositional Processes and Depositional Settings: Implications for Reservoir Heterogeneity and Play Extent (Nautilus, 2017)
- Well Log Sequence Stratigraphy: Applications to Exploration and Production (Nautilus, 2017)
- Unconventional Resource Assessment and Valuation (Rose & Assoc., 2017)
- Grav Mag for Explorationists (DVN internal, 2017)
- Predicting Reservoir and Petroleum Systems in Rifts and Extensional Basins (New Mexico & Colorado, USA; Nautilus, 2018)
- Essentials of Geophysics (Nautilus, 2018)
- Geological Overview of the Austin Chalk S. Texas and Louisiana (J. Dravis, 2019)
- Rate Transient Analysis for Unconventionals (SAGA, 2020)

PUBLICATION AND PRESENTATIONS

- Myers, Kamola, Ludvigson, and Walker, 2014. Implications for large scale sea level change in the Turonian Western Interior Seaway: Evidence from the Codell Sandstone, Colorado. Master Thesis, University of Kansas.
<http://hdl.handle.net/1808/27530>
- Myers, Kamola, Ludvigson, and Walker, 2015. Implications for large scale sea level change in the Turonian Western Interior Seaway: Evidence from the Codell Sandstone, Colorado. AAPG Presentation.
http://www.searchanddiscovery.com/documents/2015/51160myers/ndx_myers.pdf
- Matt Myers, Ben Herrmann, Ken Pfau, 2017. An Exploration Play with a Cradle-to-Grave Workflow Devon Technology Conference
- Ken Pfau, Matt Myers, Ben Herrmann, Alex Benton, Miranda Childress, 2017. Why Send a Geologist to the Field for Coring?

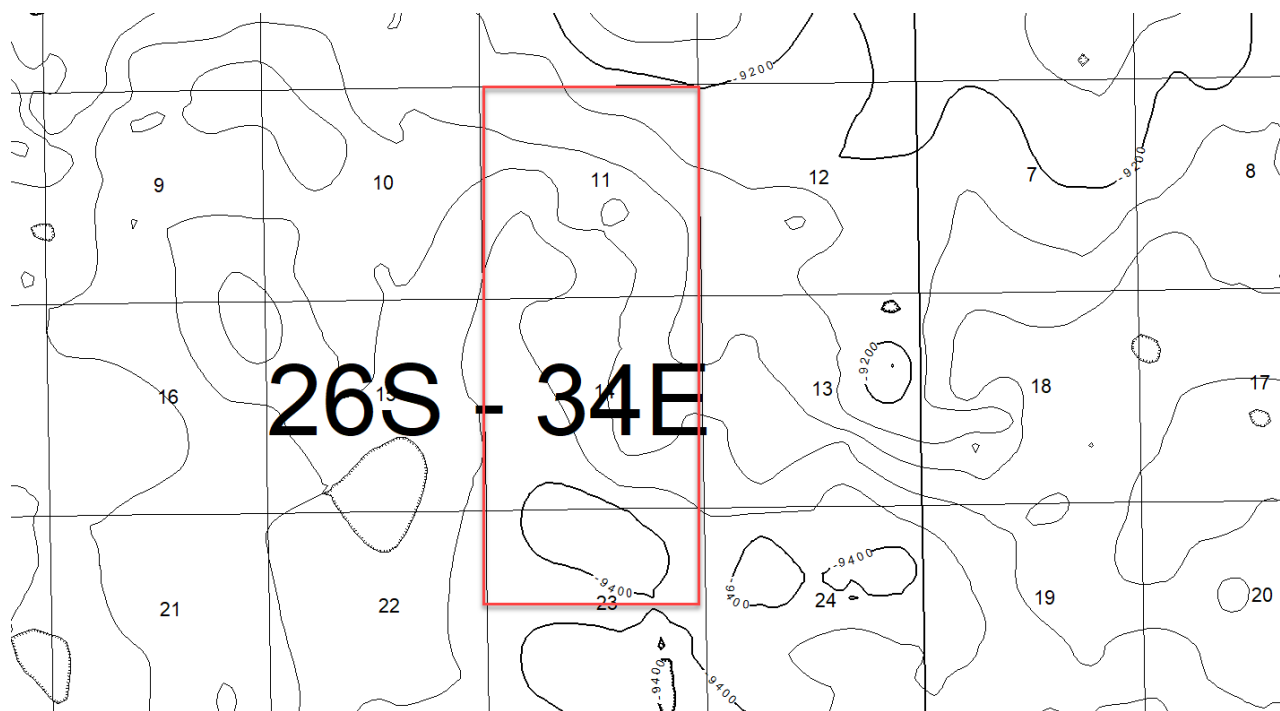


Exhibit B - 1: Structure map for the top of the Wolfcamp with contour interval of 40'

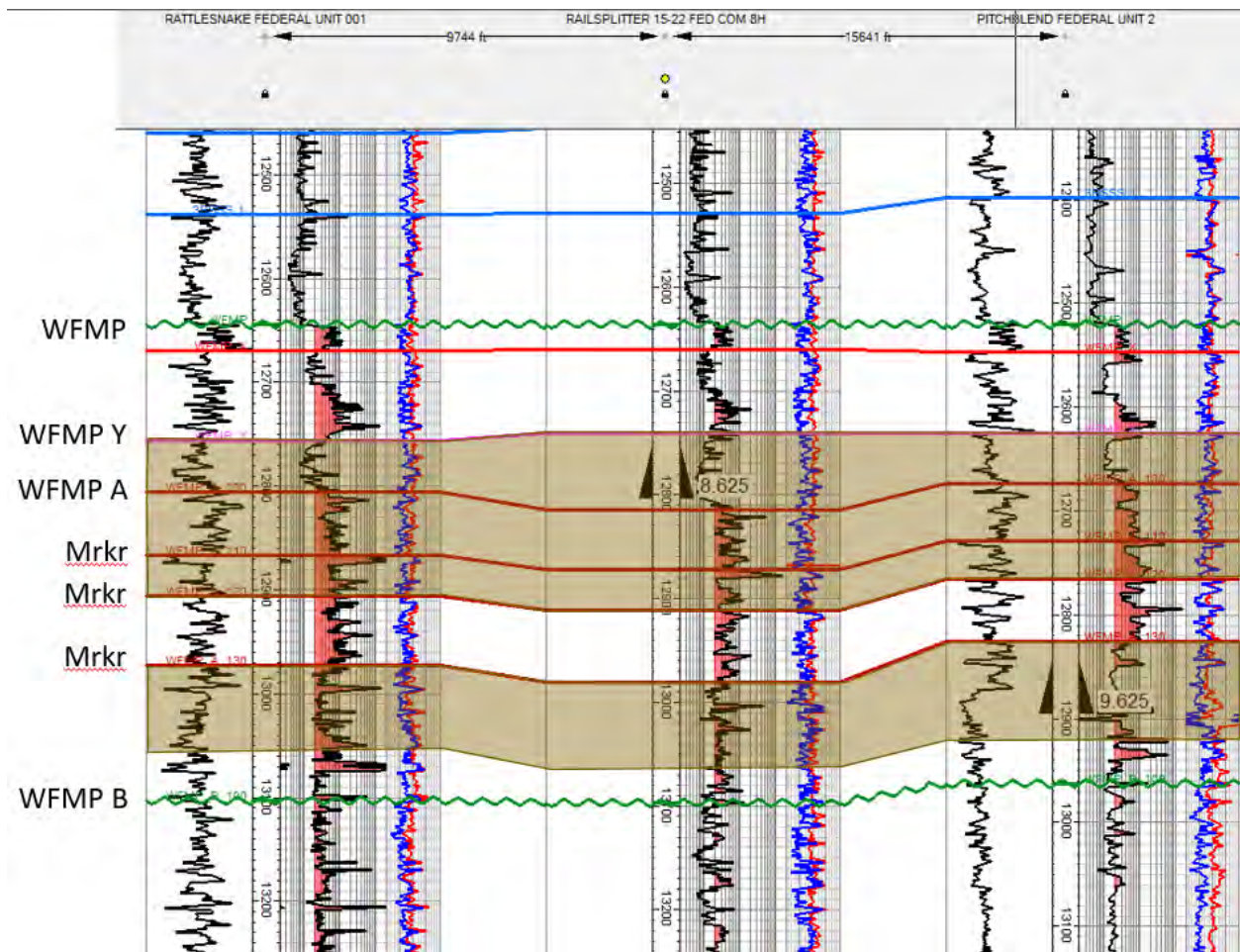


Exhibit B - 2: Stratigraphic cross-section flattened on the Wolfcamp

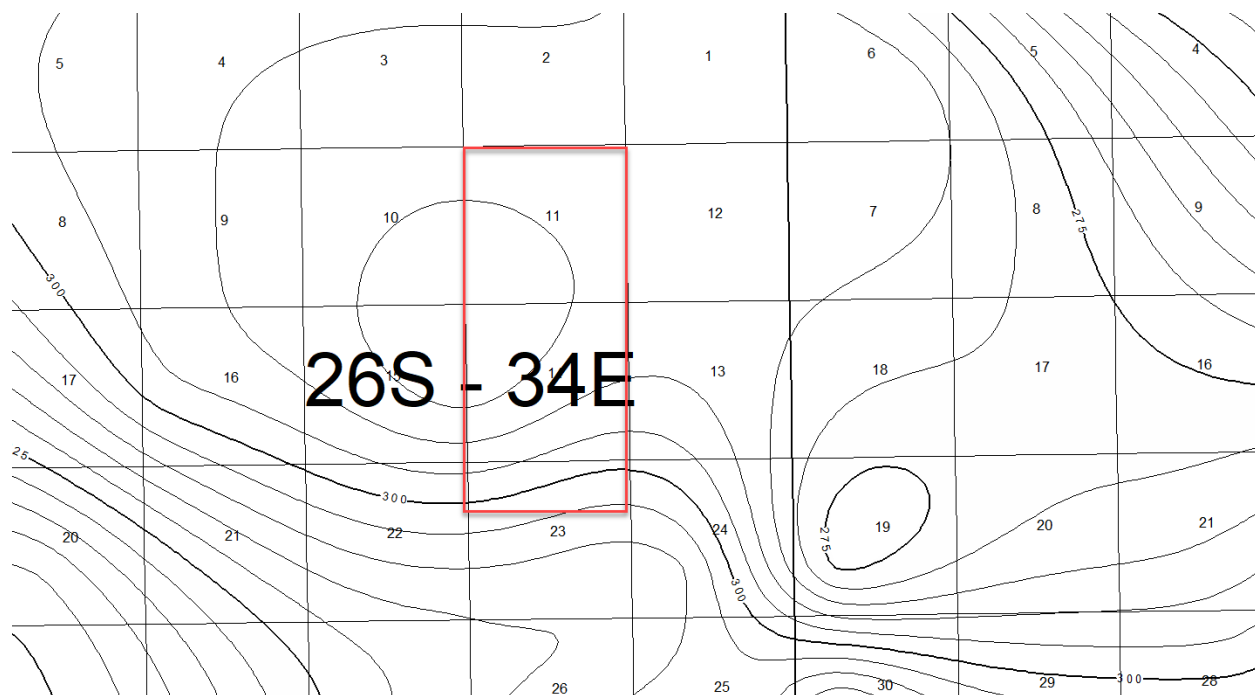


Exhibit B - 3: Gross isochore of the Wolfcamp A

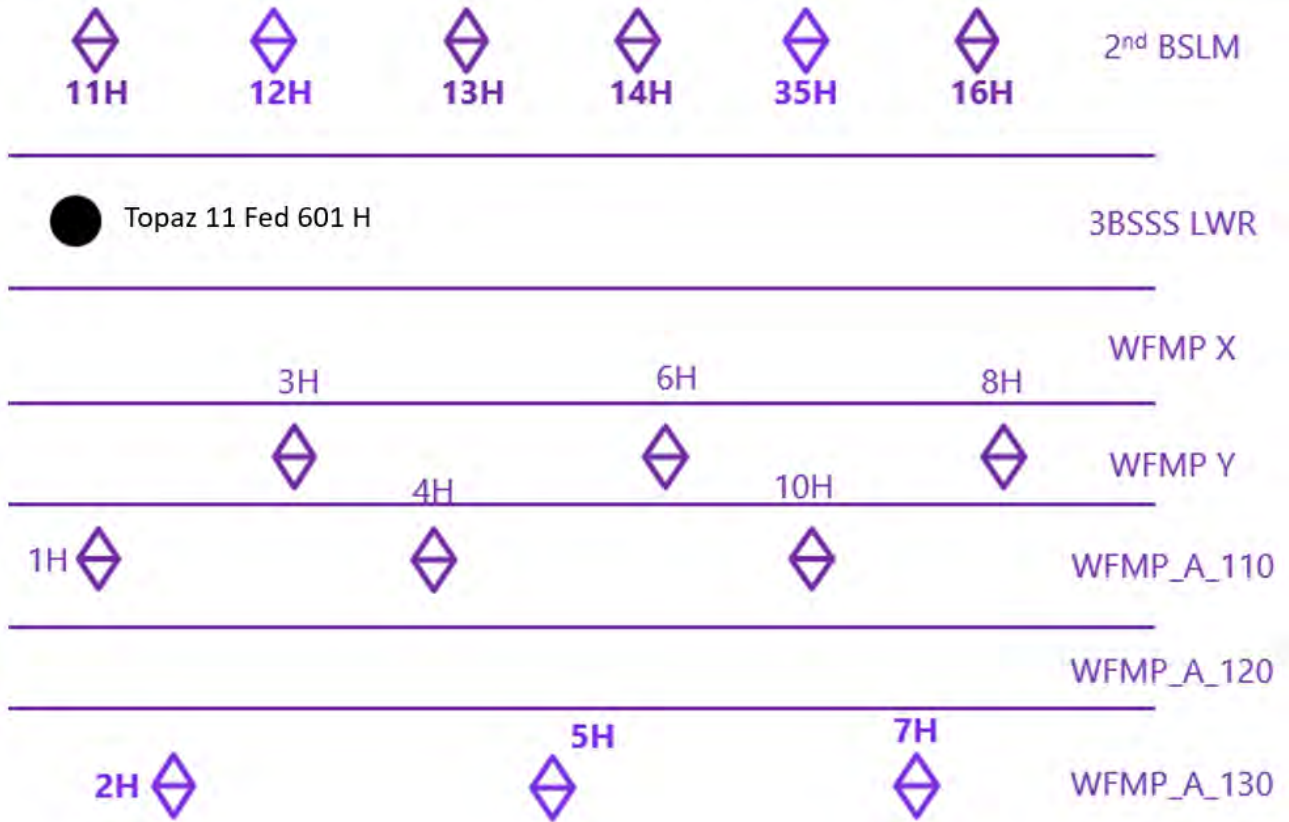


Exhibit B - 4: Gun barrel representation of the unit

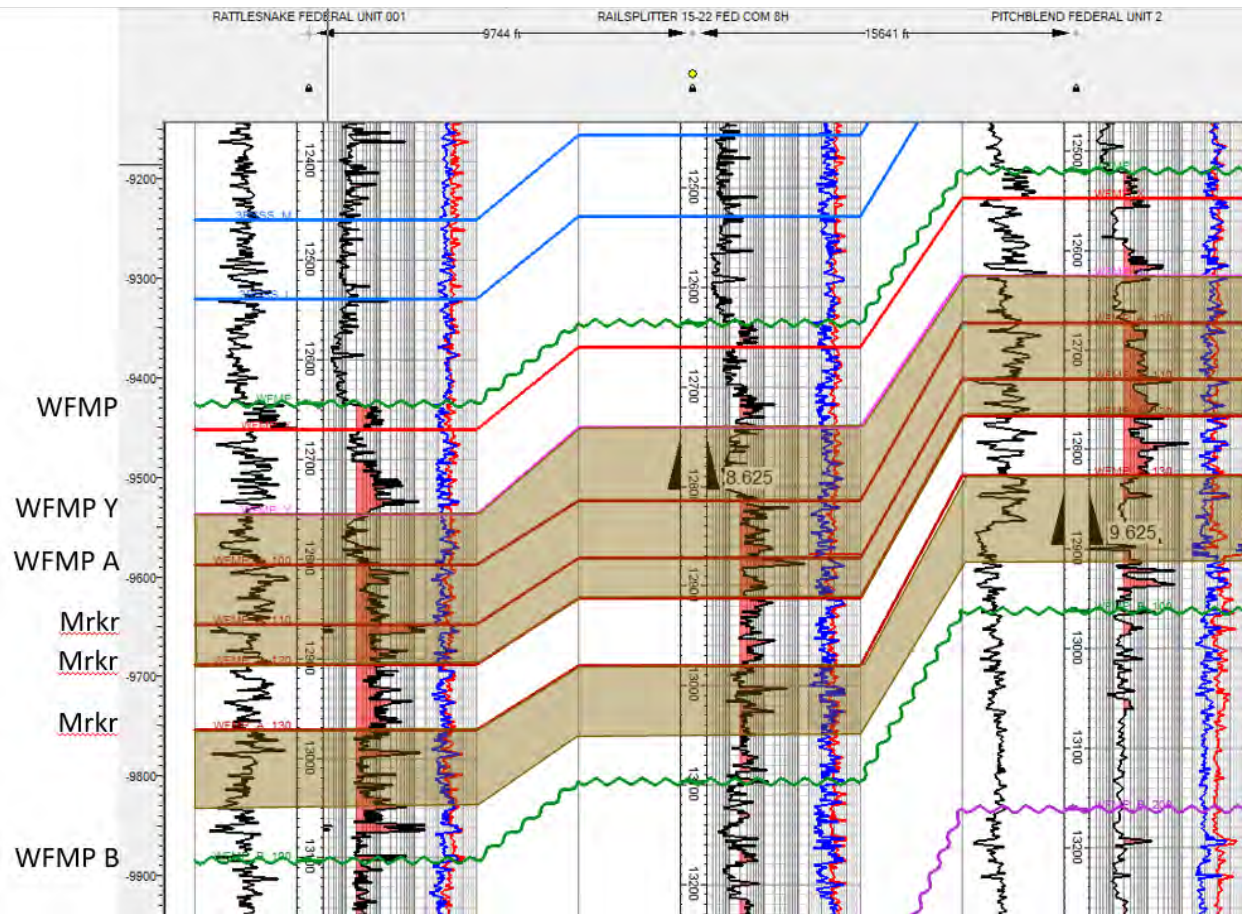


Exhibit B - 5: Structural cross section built along the wellbore trajectories

TAB 4

Exhibit C: Affidavit of Notice, Darin C. Savage
Exhibit C-1: Notice Letters (WI & ORRI)
Exhibit C-2: Mailing List
Exhibit C-3: Affidavit of Publication

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY, L.P., FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

Case No. 22404

AFFIDAVIT OF NOTICE

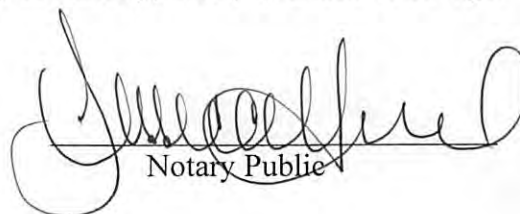
STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

Darin C. Savage, attorney and authorized representative of Devon Energy Production Company, L.P. ("Devon"), the Applicant herein, being first duly sworn, upon oath, states that the Application in the above referenced case was under a notice letter and that proof of receipt is attached hereto.



Darin C. Savage

SUBSCRIBED AND SWORN to before me this 3rd day of January, 2022, by Darin C. Savage.



Notary Public

My Commission Expires:

10/02/2023

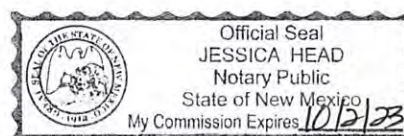


EXHIBIT
C



For the Pursuit of Energy

ABADIE | SCHILL PC

Colorado	New Mexico
Louisiana	Texas
Kansas	Utah
Nebraska	Wyoming
Montana	California
Oklahoma	North Dakota

December 14, 2021

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 11H Well (Case No. 22403)
Muskie 23-11 Fed Com 12H Well (Case No. 22403)
Muskie 23-11 Fed Com 13H Well (Case No. 22403)

Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 1H Well (Case No. 22404)
Muskie 23-11 Fed Com 2H Well (Case No. 22404)
Muskie 23-11 Fed Com 3H Well (Case No. 22404)
Muskie 23-11 Fed Com 4H Well (Case No. 22404)

Case Nos. 22403 and 22404:

Dear Interest Owners:

This letter is to advise you that Devon Energy Production Company, L.P. ("Devon") has filed the enclosed applications, Case Nos. 22403 and 22404, with the New Mexico Oil Conservation Division for the compulsory pooling of units in the Bone Spring formation (Case No. 22403) and the Wolfcamp formation (Case No. 22404).

In Case No. 22403, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22403).

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O : 970.385.4401 • F : 970.385.4901

EXHIBIT
C-1

In Case No. 22404, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22404).

A hearing has been requested before a Division Examiner on January 6, 2022, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under the COVID-19 Public Health Emergency, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441.

You are being notified as an interest owner and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Pre-hearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Tim Prout at (405) 552-6113 or at Tim.Prout@dvn.com.

Sincerely,



Darin C. Savage

Attorney for Devon Energy Production
Company, L.P.



For the Pursuit of Energy

ABADIE | SCHILL PC

Colorado	New Mexico
Louisiana	Texas
Kansas	Utah
Nebraska	Wyoming
Montana	California
Oklahoma	North Dakota

December 14, 2021

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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Muskie 23-11 Fed Com 12H Well (Case No. 22403)
Muskie 23-11 Fed Com 13H Well (Case No. 22403)

Re: Application of Devon Energy Production Company, L.P., for horizontal spacing and compulsory pooling, Lea County, New Mexico
Muskie 23-11 Fed Com 1H Well (Case No. 22404)
Muskie 23-11 Fed Com 2H Well (Case No. 22404)
Muskie 23-11 Fed Com 3H Well (Case No. 22404)
Muskie 23-11 Fed Com 4H Well (Case No. 22404)

Case Nos. 22403 and 22404:

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abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O : 970.385.4401 • F : 970.385.4901

In Case No. 22404, Devon plans to pool the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 800 acres, more or less, dedicated to the above-referenced wells (Case No. 22404).

A hearing has been requested before a Division Examiner on January 6, 2022, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under the COVID-19 Public Health Emergency, the hearing will be conducted remotely online. For information about remote access and status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/oed/hearing-info/> or call (505) 476-3441.

You are being notified as an overriding royalty interest owner and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Pre-hearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Tim Prout at (405) 552-6113 or at Tim.Prout@dmn.com.

Sincerely,



Darin C. Savage

Attorney for Devon Energy Production
Company, L.P.

Exhibit C-2: Mailing Report - Interest Owners

	Owner	Address	City	State	ZIP	Certified Mail No.	Date Mailed	Status	Date Delivered	Green Card Returned?	Notes
WI & ORRI	Devon Energy Production Company, L.P.	APPLICANT									
WI	Chevron U.S.A. Inc.	1400 SMITH STREET	HOUSTON	TX	77002	70210950000069888371	12/14/21	Delivered (per USPS.com	12/21/21	NO	
ORRI	C.A. and Betty M. Dean Family, L.P.	P.O. BOX 3480	OMAHA	NE	68103	70210950000069888388	12/14/21	Delivered	12/21/21	YES	
ORRI	Franco-Nevada Texas LP	1745 SHEA CENTER DR., STE 40	HIGHLANDS RANCH	CO	80129	70210950000069888692	12/14/21	Delivered	12/20/21	YES	
ORRI	Longpoint Minerals, LLC	100 SAINT PAUL ST., STE 400	DENVER	CO	80206	70210950000069888432	12/14/21	Delivered	12/17/21	YES	
ORRI	McMullen Minerals, LLC	P.O. BOX 470857	FORT WORTH	TX	76147	70210950000069888463	12/14/21	Delivered	12/21/21	YES	
ORRI	OXY Y-1 Company	P.O. BOX 831803	DALLAS	TX	75284	70210950000069888456	12/14/21	Delivered	12/17/21	YES	
ORRI	Pegasus Resources, LLC	P.O. BOX 470698	FORT WORTH	TX	76147	70210950000069888449	12/14/21	Delivered	12/27/21	YES	
ORRI	John L. Thoma	P.O. BOX 17656	GOLDEN	CO	80402	70210950000069888357	12/14/21	Delivered (per USPS.com	12/31/21	NO	
ORRI	Sandra Mary Thoma	8530 MILL RUN RD	ATHENS	TX	75751	70210950000069888395	12/14/21	Delivered	N/A	YES	
ORRI	Mary Ralph Lowe, Trustee of the Erma Lowe Trust fo	P.O. BOX 4887	HOUSTON	TX	77210	70210950000069888401	12/14/21	Delivered (per USPS.com	12/23/21	NO	
ORRI	C. Mark Wheeler	P.O. BOX 248	ROUND ROCK	TX	78680	70210950000069888418	12/14/21	Delivered (per USPS.com	12/17/21	NO	
ORRI	Paul R. Barwis	P.O. BOX 230	MIDLAND	TX	79702	70210950000069888425	12/14/21	Delivered	N/A	YES	
ORRI	Jareed Partners, Ltd.	P.O. BOX 51451	MIDLAND	TX	79710	70210950000069888340	12/14/21	Delivered	N/A	YES	
ORRI	Penwell Employee Royalty Pool	2201 WINFIELD RD	MIDLAND	TX	79705	70210950000069888333	12/14/21	Delivered	12/16/21	YES	
RI	BLM	414 W. Taylor St.	Hobbs	NM	88240	70210950000069888364	12/14/21	Delivered	12/20/21	YES	

EXHIBIT
C-2

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MCMULLEN MINERALS, LLC P.O. BOX
470857 FORT WORTH TX 76147



9590 9402 6862 1104 4338 64

Number (Transfer from service label)

7021 0950 0000 6988 8463

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

Ed Hutchinson

C. Date of Delivery

12/21/21

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PENWELL EMPLOYEE ROYALTY POOL
2201 WINFIELD RD
MIDLAND TX 79705



9590 9402 6862 1104 4341 82

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8333

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *J. Begman*☒ Agent
☐ Addressee

B. Received by (Printed Name)

DW 550 CV19

C. Date of Delivery

12-16-21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SANDRA MARY THOMA
8530 MILL RUN RD
ATHENS TX 75751



9590 9402 6862 1104 4337 96

Article Number (Transfer from service label)

7021 0950 0000 6988 8395

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PEGASUS RESOURCES, LLC
P.O. BOX 470698
FORT WORTH TX 76147



9590 9402 6862 1104 4338 26

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8449

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

Alex Stantar

C. Date of Delivery

12/27/21

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JAREED PARTNERS, LTD.
P.O. BOX 51451
MIDLAND TX 79710



9590 9402 6862 1104 4338 33

2 Article Number (Transfer from service label)

7021 0950 0000 6988 8340

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No**3. Service Type**

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Mail Restricted Delivery
)

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

C.A. AND BETTY M. DEAN FAMILY, L.P.
P.O. BOX 3480
OMAHA NE 68103



9590 9402 6862 1104 4338 95

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8388

Restricted Delivery

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]* ☐ Agent
☐ Addressee

B. Received by (Printed Name)

Tanisha ☐ Agent
MAINE ☐ Addressee

C. Date of Delivery

12/21/21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

DEC 21 2021

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

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1. Article Addressed to:

OXY Y-1 COMPANY
P.O. BOX 831803
DALLAS TX 75284



9590 9402 6862 1104 4338 57

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8456

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X*C. V. G.*☒ Agent
☐ Addressee

B. Received by (Printed Name)

Alw Cannon

C. Date of Delivery

*12-17-21*D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

FRANCO-NEVADA TEXAS LP
1745 SHEA CENTER DR., STE 400
HIGHLANDS RANCH CO 80129



9590 9402 6862 1104 4338 88

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8692

COMPLETE THIS SECTION ON DELIVERY

A. Signature

XG-19

☐ Agent
☐ Addressee

B. Received by (Printed Name)

R17

C. Date of Delivery

12-20-21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
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- ☐ Signature Confirmation Restricted Delivery

Mail
Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PAUL R. BARWIS
P.O. BOX 230
MIDLAND TX 79702



9590 9402 6862 1104 4338 40

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8425

COMPLETE THIS SECTION ON DELIVERY

A. Signature

- ☐ Agent
☐ Addressee

B. Received by (Printed Name)

Jessica Rodriguez

C. Date of Delivery

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |
| <input type="checkbox"/> Insured Mail | |
| <input type="checkbox"/> Insured Mail Restricted Delivery | |

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau Land Management
414 W. Taylor St.
Hobbs, NM 88240



9590 9402 6862 1104 4334 75

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8364

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X BLM

☐ Agent☐ Addressee

B. Received by (Printed Name)

LLP 25019

C. Date of Delivery

12/20/21

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery

Mail

Mail Restricted Delivery

(over \$500)

☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LONGPOINT MINERALS, LLC
100 SAINT PAUL ST., STE 400 DENVER
CO 80206



9590 9402 6862 1104 4338 71

2. Article Number (Transfer from service label)

7021 0950 0000 6988 8432

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

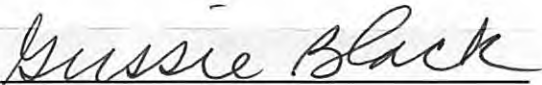
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
December 19, 2021
and ending with the issue dated
December 19, 2021.



Publisher

Sworn and subscribed to before me this
19th day of December 2021.

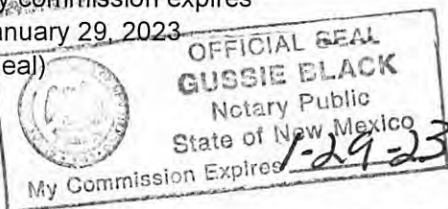


Business Manager

My commission expires

January 29, 2023

(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE December 19, 2021

CASE No. 22404: Notice to all affected parties and persons having any right, title, interest or claim to this case, including overriding royalty interest owners, as well as the known and unknown heirs, devisees, assigns and successors of CHEVRON U.S.A. INC., C.A. AND BETTY M. DEAN FAMILY, L.P., FRANCO-NEVADA TEXAS LP, LONGPOINT MINERALS, LLC, MCMULLEN MINERALS, LLC, OXY Y-1 COMPANY, PEGASUS RESOURCES, LLC, JOHN L. THOMA, SANDRA MARY THOMA, MARY RALPH LOWE TRUSTEE OF THE ERMA LOWE TRUST, THE ERMA LOWE TRUST FOR CARSON L. R. YOST, THE ERMA LOWE TRUST FOR SAMANTHA ADELAIDE YOST, AND THE ERMA LOWE TRUST FOR CLAYTON LOWE YOST, C. MARK WHEELER, PAUL R. BARWIS, JAREED PARTNERS, LTD., and PENWELL EMPLOYEE ROYALTY POOL, of Devon Energy Production Company, L.P.'s application for approval of a spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division Examiner will conduct a public hearing at 8:15 a.m. on January 6, 2022, at 1220 S. St. Francis, Santa Fe, New Mexico, 87505. However, under the current COVID-19 Public Health Emergency policies, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441. Devon Energy Production Company, L.P., at 333 W. Sheridan Ave, Oklahoma City, OK 73102, seeks an order from the Division: (1) establishing a standard 800-acre, more or less, horizontal spacing and proration unit comprised of the NW/4 of Section 23 and the W/2 of Sections 14 and 11, Township 26 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Wolfcamp formation, designated as an oil pool, underlying said unit. Said horizontal spacing unit is to be dedicated to the **Muskie 23-11 Fed Com 1H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; the **Muskie 23-11 Fed Com 2H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 NW/4 (Unit E) of Section 23 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 11; the **Muskie 23-11 Fed Com 3H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11; and the **Muskie 23-11 Fed Com 4H Well**, an oil well, to be horizontally drilled from a surface location in the SE/4 NW/4 (Unit F) of Section 23 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 11. Proximity tracts will be utilized for the unit. The location is standard; the completed interval and first take and last take points for the wells proposed in the unit meet the Division's statewide setback requirements for horizontal oil wells. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located 14 miles southwest of Jal City and 1.5 miles north of the state line.

#37139

67115820

00261759

KAIYA TOOP
ABADIE SCHILL
555 RIVERGATE LANE 84-180
DURANGO, CO 81301

EXHIBIT
C-3