

# Before the Oil Conservation Division Examiner Hearing April 4, 2024

**Case No. 24338**

*Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, and 552H*



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

**APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 24338**

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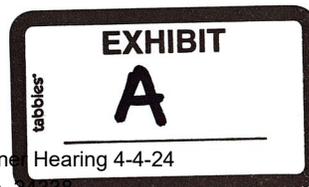
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# COMPULSORY POOLING APPLICATION CHECKLIST

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

<b>Case: 24388</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date</b>	<b>April 4, 2024</b>
Applicant	Marathon Oil Permian LLC
Designated Operator & OGRID (affiliation if applicable)	Marathon Oil Permian LLC OGRID 372098
Applicant's Counsel:	Modrall, Sperling, Roehl, Harris, & Sisk, P.A.
Case Title:	APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	None.
Well Family	Hushpuppy
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring
Pool Name and Pool Code:	Willow Lake Bone Spring, 64550
Well Location Setback Rules:	Statewide Rules
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	960-acres
Building Blocks:	40-Acres
Orientation:	North/South
Description: TRS/County	W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes
Proximity Defining Well: if yes, description	The completed interval for the Hushpuppy BS Federal Com 501H is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.
Applicant's Ownership in Each Tract	Exhibit B.3
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed



OCD Examiner Hearing 4-4-24

No. 24388

	SHL: 1021' FSL & 1753' FWL (Unit N), Section 34, T-24-S R-28-E FTP: 100' FSL & 660' FWL Section 34,T-24-S R-28-E BHL: 100' FNL & 660' FWL (Unit D), Section 22, T-24-S R-28-E Orientation: North South Completion Target: First Bone Spring Completion Status: Standard TVD: 7450', MVD: 22700'
Well #2: Hushpuppy BS Federal Com 302H	SHL: 1021' FSL & 1853' FWL (Unit N), Section 34, T-24-S R-28-E FTP: 100' FSL & 1980' FWL Section 34,T-24-S R-28-E BHL: 100' FNL & 1980' FWL (Unit C), Section 22, T-24-S R-28-E Orientation: North South Completion Target: First Bone Spring Completion Status: Standard TVD: 7450', MVD: 22700'
Well #3: Hushpuppy BS Federal Com 501H	SHL: 1021' FSL & 1803' FWL (Unit N), Section 34, T-24-S R-28-E FTP: 100' FSL & 1620' FWL Section 34,T-24-S R-28-E BHL: 100' FNL & 1620' FWL (Unit C), Section 22, T-24-S R-28-E Orientation: North South Completion Target: Second Bone Spring Completion Status: Standard TVD: 8235', MVD: 23485'
Well #4: Hushpuppy BS Federal Com 551H	SHL: 1020' FSL & 1903' FWL (Unit N), Section 34, T-24-S R-28-E FTP: 100' FSL & 660' FWL Section 34,T-24-S R-28-E BHL: 100' FNL & 660' FWL (Unit D), Section 22, T-24-S R-28-E Orientation: North South Completion Target: Third Bone Spring Completion Status: Standard TVD: 9040', MVD: 24290'
Well #5: Hushpuppy BS Federal Com 552H	SHL: 1020' FSL & 1953' FWL (Unit N), Section 34, T-24-S R-28-E FTP: 100' FSL & 1980' FWL Section 34,T-24-S R-28-E BHL: 100' FNL & 1980' FWL (Unit C), Section 22, T-24-S R-28-E Orientation: North South Completion Target: Third Bone Spring Completion Status: Standard TVD: 9040', MVD: 24290'
Horizontal Well First and Last Take Points	Exhibit B.2
Completion Target (Formation, TVD and MD)	Exhibit B.5
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	See Exhibit B Paragraph 22
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit D.1; Exhibit B.1 (Application with proposed notice paragraph)
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D.1, D.2, D.3

Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D.4
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit B.3
Tract List (including lease numbers and owners)	Exhibit B.3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit B.3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit B.5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B.3
Chronology of Contact with Non-Joined Working Interests	Exhibit B.4
Overhead Rates In Proposal Letter	Exhibit B.5
Cost Estimate to Drill and Complete	Exhibit B.6
Cost Estimate to Equip Well	Exhibit B.6
Cost Estimate for Production Facilities	Exhibit B.6
<b>Geology</b>	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C.1
Gunbarrel/Lateral Trajectory Schematic	Exhibit C.2
Well Orientation (with rationale)	Exhibit C.15
Target Formation	Exhibit C.3 to C.6; C.7 to C.10; C.11 to C.14
HSU Cross Section	Exhibit C.5; C.9; C.13
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit B.2
Tracts	Exhibit B.3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit B.3
General Location Map (including basin)	Exhibit C.1
Well Bore Location Map	Exhibit C.3; C.7; C.11
Structure Contour Map - Subsea Depth	Exhibit C.3; C.7; C.11
Cross Section Location Map (including wells)	Exhibit C.4; C.8; C.12
Cross Section (including Landing Zone)	Exhibit C.5; C.9; C.13
<b>Additional Information</b>	
Special Provisions/Stipulations	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Deana M. Bennett
<b>Signed Name</b> (Attorney or Party Representative):	/s/ Deana M. Bennett
<b>Date:</b>	OCD Examiner Hearing 4-4-24

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

APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO

CASE NO. 24338

STATE OF TEXAS )  
 ) ss.  
COUNTY OF HARRIS )

Farley Duvall, being duly sworn, deposes and states:

1. I am over the age of 18, I am a staff land professional for Marathon Oil Permian LLC and have personal knowledge of the matters stated herein.

2. I have previously testified before the Oil Conservation Division (“Division”) and my credentials as an expert petroleum landman were accepted as a matter of record.

3. My area of responsibility at Marathon includes Eddy County in New Mexico.

4. I am familiar with the application filed by Marathon in this case, which is attached as **Exhibit B.1**.

5. I am familiar with the status of the lands that are subject to this application.

6. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.

7. The purpose of this application is to force pool working interest owners into the horizontal spacing unit described below, and in the wells to be drilled in the unit.

8. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests in the well.



9. In this case, Marathon seeks an order from the Division pooling all uncommitted mineral interests within a Bone Spring horizontal spacing unit underlying the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 960-acre, more or less, Bone Spring spacing unit.

10. The spacing unit will be dedicated to the following wells:

- Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H wells to be drilled with proposed first take points in the SW/4SW/4 (Unit M) of Section 34 and proposed last take points in the NW/4NW/4 (Unit D) of Section 22; and
- Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H wells to be drilled with proposed first take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22.

11. Attached as **Exhibit B.2** are the proposed C-102 for the wells. The wells will develop the Willow Lake Bone Spring pool, pool code 64450, which is an oil pool.

12. The completed interval for the **Hushpuppy BS Federal Com 501H** is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

13. The wells will comply with the Division's set back rules. The producing areas for the wells is expected to be orthodox.

14. **Exhibit B.3** includes a lease tract map outlining the unit being pooled. Exhibit B.3 also includes the parties being pooled, the nature, and the percent of their interests.

15. I have conducted a diligent search of the public records in the county where the wells are located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.

16. In my opinion, Marathon has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

17. **Exhibit B.4** is a summary of my contacts with the working interest owners and the unleased mineral interest owners.

18. **Exhibit B.5** is a sample of the well proposal letter that was sent to all working interest owners. The proposal letter identifies the proposed first and last take points and approximate TVD/MD for the wells.

19. **Exhibit B.6** contains the Authorization for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.

20. Marathon requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1000.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Marathon requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

21. Marathon requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

22. Marathon requests that it be designated operator of the wells.

23. The parties Marathon is seeking to pool were notified of this hearing.

24. Marathon seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.

25. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.

26. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.

27. The granting of this application is in the interests of conservation and the prevention of waste.

*[Signature page follows]*

*F. D. V.*

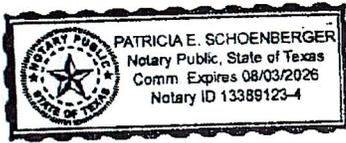
Farley Duvall

State of Texas

County of Harris

This record was acknowledged before me on March 20, 2024, by Farley Duvall.

[Stamp]



*Patricia E. Schoenberger*

Notary Public in and for the  
State of TEXAS

Commission Number: 13389123-4

My Commission Expires: 8/3/2026

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

**APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

CASE NO. 24338

**APPLICATION**

Marathon Oil Permian LLC (“Marathon”), OGRID Number 372098, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral interests within a standard 960-acre, more or less, Bone Spring horizontal spacing unit comprising the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. In support of this application, Marathon states as follows:

1. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
2. Marathon seeks to dedicate the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 960-acre, more or less, Bone Spring spacing unit.
3. Marathon plans to drill the following wells:
  - a. **Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H** wells to be drilled with proposed first take points in the SW/4SW/4 (Unit M) of Section 34 and proposed last take points in the NW/4NW/4 (Unit D) of Section 22; and
  - b. **Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H** wells to be drilled with proposed first



take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22.

4. The wells will be horizontally drilled, and the producing area for the wells is expected to be orthodox.

5. The completed interval for the **Hushpuppy BS Federal Com 501H** is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

6. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division on April 4, 2024 and after notice and hearing as required by law, the Division enter its order:

A. Pooling all uncommitted interests in the Bone Spring formation underlying a horizontal spacing unit within the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico;

B. Designating Marathon as operator of this unit and the wells to be drilled thereon;

C. Authorizing Marathon to recover its costs of drilling, equipping and completing the wells;

D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS  
& SISK, P.A.

By: 

Deana M. Bennett  
Yarithza Peña  
Post Office Box 2168  
500 Fourth Street NW, Suite 1000  
Albuquerque, New Mexico 87103-2168  
Telephone: 505.848.1800  
deana.bennett@modrall.com  
yarithza.pena@modrall.com  
*Attorneys for Applicant*

CASE NO. 24338: Application of Marathon Oil Permian LLC for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 960-acre, more or less, Bone Spring horizontal spacing unit underlying the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the **Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H** wells to be drilled with proposed first take points in the SW/4SW/4 (Unit M) of Section 34 and proposed last take points in the NW/4NW/4 (Unit D) of Section 22; and the **Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H** wells to be drilled with proposed first take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22. The wells will be drilled at orthodox locations. The completed interval for the **Hushpuppy BS Federal Com 501H** is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 1.6 miles south of Malaga, New Mexico.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 4 columns: API Number, Pool Code, Pool Name, Property Code, Property Name, Well Number, OGRID No., Operator Name, Elevation.

Surface Location

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the North/South line, Feet from the East/West line, County.

Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the North/South line, Feet from the East/West line, County, 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.

Main survey plat diagram showing sections 22, 27, and 34. Includes well location markers (L1, SH1), production lines, and various survey data points. Includes certification blocks for Operator and Surveyor, and a 'PRELIMINARY' stamp.

EXHIBIT B.2

District I
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Surface Location

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County. Includes Dedicated Acres and 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.

Main plat diagram showing well location, section boundaries (Sec. 22, 27, 34), and various data tables including Operator Certification, Surveyor Certification, Corner Coordinates, and Production Line bearings.

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Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 4 columns: API Number, Pool Code, Pool Name, Property Code, Property Name, Well Number, OGRID No., Operator Name, Elevation.

10 Surface Location

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the North/South line, Feet from the East/West line, County.

11 Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the North/South line, Feet from the East/West line, County, 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.

Main plat diagram showing well location, sections 22, 27, and 34, various pool codes (PPP-1 to PPP-4), and corner coordinates. Includes operator and surveyor certification blocks, a preliminary stamp, and a table of production line bearings.

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Santa Fe, NM 87505

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[ ] AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 4 columns: API Number (64450), Pool Code (WILLOW LAKE BONE SPRING), Property Code (HUSHPUDDY BS FEDERAL COM), Property Name (MARATHON OIL PERMIAN LLC), Well Number (551H), and Elevation (3003').

Surface Location

Table with 10 columns: UL or lot no. (N), Section (34), Township (24S), Range (28E), Lot Idn, Feet from the (1020'), North/South line (SOUTH), Feet from the (1903'), East/West line (WEST), County (EDDY).

Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no. (D), Section (22), Township (24S), Range (28E), Lot Idn, Feet from the (100'), North/South line (NORTH), Feet from the (660'), East/West line (WEST), County (EDDY). Includes Dedicated Acres (960.00).

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.

Main plat diagram showing well location (LTP/BHL) and bottom hole location (SHL) across sections 22, 27, and 34. Includes property boundaries, survey points (A-K), and various well identifiers (PPP-1 to PPP-6, KOP/FTP/PPP-1). Includes Operator and Surveyor certification sections, a 'PRELIMINARY' stamp, and corner coordinates tables.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 4 columns: API Number, Pool Code, Pool Name, Property Code, Property Name, Well Number, OGRID No., Operator Name, Elevation.

Surface Location

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

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.

Main map area containing well location diagrams, section descriptions (Sec. 22, 27, 34), operator and surveyor certifications, and a table of corner coordinates.

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ 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.

Date of Survey \_\_\_\_\_
Signature and Seal of Professional Surveyor \_\_\_\_\_

PRELIMINARY
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.

Table with 2 columns: PRODUCTION LINE, BEARING/LENGTH. Row 1: L1, N 00°30'28" W - 15910.18'

Table with 2 columns: CORNER COORDINATES, NAD 83, SPCS NM EAST and NAD 27, SPCS NM EAST. Lists coordinates for corners A through K.

Drill Line Events, Section Corners, Drill Line, Dimension Lines, Federal Leases, NMSLO, HSU, HSU Corners. SHEET 1 OF 2. JOB No. MRO\_0010\_HP02. REV 0 TCS 1/24/2024.

OCD Examiner Hearing 4-4-24. Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99997305 and a Convergence Angle: 0.13745348°. No. 24338

**Exhibit "B.3" Lease Tract Map**  
**Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, and 552H**  
**W/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres**

Sections 22, 27, 34		Township 24 South		Range 28 East	
County Eddy		State New Mexico		960.00 acres, more or less	
W/2 of Section 22		Tr. 4 D	C		
		E	F		
W/2 of Section 27		Tr. 1 L	K		
		Tr. 2 M	Tr. 3 N		
		Tr. 7 D	Tr. 6 C		
		E	F		
W/2 of Section 34		Tr. 8 L	Tr. 5 K		
		M	N		
		Tr. 10 D	Tr. 9 C		
		E	F		
		L	K		
		M	N		

Tract 1	Federal	NM-0556542	80.00 acres
Tract 2	State	NM-20360	40.00 acres
Tract 3	State	216/1157 V-471	40.00 acres
Tract 4	State	V-492	160.00 acres
Tract 5	State	V-492	80.00 acres
Tract 6	State	V-492	80.00 acres
Tract 7	Federal	NM-77005	80.00 acres
Tract 8	Federal	238/226 NM-54857	80.00 acres
Tract 9	Federal	NM-102911	80.00 acres
Tract 10	Federal	209/565 NM-13074	240.00 acres

Federal	560.00 acres
State	400.00 acres
Fee	240.00 acres
<b>Total</b>	<b>960.00 acres</b>



**Exhibit "B.3" - Summary of Working Interest Owners  
Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, and 552H  
W/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres**

**Committed Working Interest: .....65.86%**

Interest Owner	Tract 1 WI	Tract 2 WI	Tract 3 WI	Tract 4 WI	Tract 5 WI	Unit WI
Marathon Oil Permian LLC	0.65203239	0.79932986	0.57343750	0.45976936	0.07043377	0.52140673
Chevron USA, Inc.					0.29135786	0.04855964
Chevron MidContinent, L.P.					0.19520845	0.03253474
Magnum-Hunter Production, Inc.				0.05473740	0.10947485	0.02736871
S K Warren Resources, LLC	0.09065400					0.01510900
Hanley Petroleum, Inc.				0.07265620		0.01210937
LHAH Properties, LLC				0.00937500		0.00156250

**Unleased Mineral Interest: .....0.00%**



**Exhibit "B.3" Con't - Summary of Working Interest Owners  
Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, and 552H  
W/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres**

**Uncommitted Working Interest: .....34.14%**

Interest Owner	Tract 1 WI	Tract 2 WI	Tract 3 WI	Tract 4 WI	Tract 5 WI	Unit WI
OXY USA, Inc.			0.31875000			0.10625000
J. Cleo Thompson and James Cleo Thompson, Jr., L.P.				0.25000000		0.04166667
Americawest Resources, LLC			0.10781250			0.03593750
RKC, Inc.					0.13393411	0.02232235
Triple T. Resources, L.P.					0.13393411	0.02232235
MRC Permian Company	0.10041668					0.01673611
Mizel Resources, a Trust		0.10000000				0.01666667
Sisbro Oil & Gas, LLC		0.10000000				0.01666667
CXA Oil & Gas Holdings, LP	0.08906250					0.01484375
Excess Energy, LLC				0.01722420	0.03444855	0.00861213
Boyd & McWilliams Energy Group, Inc.				0.05000000		0.00833333
Exxon Mobil Corporation				0.01560415	0.03120830	0.00780208
Prospector, LLC				0.03000000		0.00500000
WPX Energy Permian, LLC	0.02343750					0.00390625
Broughton Petroleum, Inc.	0.01857500					0.00309583
Big Three Energy Group, LLC				0.01000000		0.00166667
Featherstone Development Corporation				0.01000000		0.00166667
Estate of Eric K. Hanson, deceased				0.00937500		0.00156250
Foran Oil Company	0.00694433					0.00115739
Sandra Richards Adams	0.00666668					0.00111111
C. Michael Brown d/b/a Bear Energy				0.00500000		0.00083333
Roy E. Guinnup	0.00468750					0.00078125
Robert N. Enfield Irrevocable Trust B				0.00391494		0.00065249
Elizabeth Fijolek	0.00333334					0.00055556
Nancy Goldberg	0.00333334					0.00055556
TBO Oil & Gas, LLC				0.00234375		0.00039063
J.M. Beique	0.00085674					0.00014279
Roy G. Barton Jr.		0.00067014				0.00011169

**Unleased Mineral Interest: .....0.00%**



**Exhibit "B.3" – Summary of ORRI Owners  
Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, and 552H  
W/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres**

**Overriding Royalty Interest:.....0.05%**

Interest Owner	Tract 1 ORRI	Tract 2 ORRI	Tract 3 ORRI	Tract 4 ORRI	Tract 5 ORRI
911 Oil & Gas LLC	0.00030469				
911 Oil & Gas LLC	0.00352539				
A.L. Peters and wife, Billie Peters				0.00057820	
AGS Oil & Gas Holdings #2, Inc.	0.00051081				
AGS Oil & Gas Holdings, Inc.	0.00051081				
Ann Murphy Daily Trust, Ann Murphy Daily, Trustee			0.00018750		
Axis Energy Corporation			0.03916667		
Ben J. Fortson Children's Trust, Ben J. Fortson III, Trustee			0.00019426		
Bill Burton			0.00040795		
Bishop-Windham Family Limited Partnership		0.00187216			
Black Stone Minerals Company, L.P.				0.00141113	
Blaine Hess			0.00400000		
Bo Digby	0.00075000				
Bryan Bell Family LLC	0.00052083				
Carol Shumate, as separate property		0.00500000			
Cathleen Ann Adams, Trustee of the Cathleen Ann Adams Revocable Trust dated 9/25/2020, as amended and restated, successor to Cathleen Ann Adams	0.00156250	0.02500000			
CCB 1998 Trust, Ben J. Fortson, Jr., Trustee			0.00005828		
Chad Barbe			0.00400000		
Chevron USA, Inc.				0.00031330	
Childress Royalty Company				0.00234760	0.00782549
Christa Hinojosa, whose husband is Antonio Hinojosa		0.00093608			
David Hanger & Rita Hanger Revocable Trust	0.00049000				
DCB 1998 Trust, Ben J. Fortson, Jr., Trustee			0.00005828		
Dolores McCall, a single woman		0.00374432			
Donald E. Hockaday III, Trustee of the Dorothy L. Hockaday Trust		0.00093608			
Dorail Corporation		0.00093608			
Duer Wagner, III & Genevieve Wagner Roberts, Co-Trustees for the Wagner Family Trust (created under the Last Will of Duer Wagner, Jr. dated 8/24/2016)	0.00705078				
Fasken Land and Minerals, LTD.			0.00677083		
G.K. Partners		0.00207149			
Gene Shumate, as separate property		0.00500000			
Griffin Petroleum Company		0.02051522			
Grover D. Smith	0.00075000				
Gwen G. Armstrong	0.00050000				
Howard A. Rubin, Inc.	0.00104167				
Isramco Resources, LLC		0.00374432			
Justin T. Crum	0.00250000				
Kimbell Art Foundation			0.02666185		
Laura Elizabeth Murphy Trust, Mark B. Murphy, Trustee			0.00018750		
Lisa M. Enfield Trust, Lisa M. Enfield and her successors as Trustee under the Agreement 1/23/2015				0.00024468	0.00048937
LJA Charitable Investments, LLC	0.00625000				
LJA Charitable Investments, LLC	0.01420453				



**Exhibit "B.3" Con't – Summary of ORRI Owners  
 Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, and 552H  
 W/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres**

Interest Owner	Tract 1 ORRI	Tract 2 ORRI	Tract 3 ORRI	Tract 4 ORRI	Tract 5 ORRI
M.D. Abel. Co.		0.00187216			
MAP00-NET			0.00582790		
Marathon Oil Permian, LLC	0.00554212				
Marcia Szczesny			0.00250000		
Marie Szczesny			0.00250000		
Mark Bertram Murphy Trust, Mark B. Murphy, Trustee			0.00018750		
Mark Szczesny			0.00250000		
Matagorda B1, L.P				0.00008477	
Matthew Bert Murphy Trust, Matthew B. Murphy, Trustee			0.00018750		
Michael F. Szczesny			0.00250000		
Mid-Continent Energy, Inc.			0.10416667		
MLE, LLC				0.00024468	0.00048936
MSH Family Real Estate Partnership II, LLC			0.00036571		
MTX Interests LP		0.00187216			
MWB 1998 Trust, Ben J. Fortson, Jr., Trustee			0.00005828		
OTSS Investments LLC	0.00030469				
Pegasus Resources II, LLC			0.02944000		
Pegasus Resources, LLC	0.00500000				
Penasco Petroleum LLC			0.01750000		
Pogo Producing Company, LLC	0.00022489				
RKC, Inc.				0.00015555	
Robert C. Grable			0.00019426		
Robert S. Lee		0.01000000			
Rolla R. Hinkle III	0.00500000				
Rubie Crosby Bell Family LLC	0.00052083				
Santa Elena Minerals IV, LP	0.00625000				
Scott T. Peterson, whose wife is Billie Peterson		0.00171875			
SMP Sidecar Titan Mineral Holdings, LP			0.00128000		
SMP Titan Flex, LP			0.00018286		
SMP Titan Mineral Holdings, LP			0.00073143		
Arrott Family Revocable Trust dated 4/8/2019	0.00156250	0.02500000			
Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts	0.00047125				
Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts	0.00004233			0.00427069	
Sydran, L.P.	0.00022489				
The Roach Foundation			0.00328895		
Transatlantic Petroleum Corp.	0.00625001				
Una Oreja LLC	0.00015234				
Warren American Oil Company	0.00125000				
Warren American Oil Company	0.00010981				
Robert N. Enfield Irrevocable Trust B	0.00104167				
Whilden Trustee No. 1	0.00050000				
Williamson Oil & Gas Company, LLC		0.00374432			
Zunis Energy, LLC	0.00050031			0.05048173	
Zunis Energy, LLC	0.00557042				



**Parties to Be Pooled**

**Case 24338**

**Working Interest Owners**

OXY USA, Inc.  
J. Cleo Thompson and James Cleo Thompson, Jr., L.P.  
Americawest Resources, LLC  
RKC, Inc.  
Triple T. Resources, L.P.  
MRC Permian Company  
Mizel Resources, a Trust  
Sisbro Oil & Gas, LLC  
CXA Oil & Gas Holdings, LP  
Excess Energy, LLC  
Boyd & McWilliams Energy Group, Inc.  
Exxon Mobil Corporation  
Prospector, LLC  
WPX Energy Permian, LLC  
Broughton Petroleum, Inc.  
Big Three Energy Group, LLC  
Featherstone Development Corporation  
Estate of Eric K. Hanson, deceased  
Foran Oil Company  
Saundra Richards Adams  
C. Michael Brown d/b/a Bear Energy  
Roy E. Guinnup  
Robert N. Enfield Irrevocable Trust B  
Elizabeth Fijolek  
Nancy Goldberg  
TBO Oil & Gas, LLC  
J.M. Beique  
Roy G. Barton Jr.

**ORRI**

911 Oil & Gas LLC  
A.L. Peters and wife, Billie Peters  
AGS Oil & Gas Holdings #2, Inc.  
AGS Oil & Gas Holdings, Inc.  
Ann Murphy Daily Trust, Ann Murphy Daily, Trustee  
Axis Energy Corporation  
Ben J. Fortson Children's Trust, Ben J. Fortson III, Trustee  
Bill Burton  
Bishop-Windham Family Limited Partnership  
Black Stone Minerals Company, L.P.  
Blaine Hess  
Bo Digby  
Bryan Bell Family LLC  
Carol Shumate, as separate property

Cathleen Ann Adams, Trustee of the Cathleen Ann Adams Revocable Trust dated 9/25/2020, as amended and restated, successor to Cathleen Ann Adams  
CCB 1998 Trust, Ben J. Fortson, Jr., Trustee  
Chad Barbe  
Childress Royalty Company  
Christa Hinojosa, whose husband is Antonio Hinojosa  
David Hanger & Rita Hanger Revocable Trust  
DCB 1998 Trust, Ben J. Fortson, Jr., Trustee  
Dolores McCall, a single woman  
Donald E. Hockaday III, Trustee of the Dorothy L. Hockaday Trust  
Doroil Corporation  
Duer Wagner, III & Genevieve Wagner Roberts, Co-Trustees for the  
Wagner Family Trust (created under the Last Will of Duer Wagner, Jr. dated 8/24/2016)  
Fasken Land and Minerals, LTD.  
G.K. Partners  
Gene Shumate, as separate property  
Griffin Petroleum Company  
Grover D. Smith  
Gwen G. Armstrong  
Howard A. Rubin, Inc.  
Iramco Resources, LLC  
Justin T. Crum  
Kimbell Art Foundation  
Laura Elizabeth Murphy Trust, Mark B. Murphy, Trustee  
Lisa M. Enfield Trust, Lisa M. Enfield and her successors as Trustee under the Agreement 1/23/2015  
LJA Charitable Investments, LLC  
M.D. Abel. Co.  
MAP00-NET  
Marcia Szczesny  
Marie Szczesny  
Mark Bertram Murphy Trust, Mark B. Murphy, Trustee  
Mark Szczesny  
Matagorda B1, L.P  
Matthew Bert Murphy Trust, Matthew B. Murphy, Trustee  
Michael F. Szczesny  
Mid-Continent Energy, Inc.  
MLE, LLC  
MSH Family Real Estate Partnership II, LLC  
MTX Interests LP  
MWB 1998 Trust, Ben J. Fortson, Jr., Trustee  
OTSS Investments LLC  
Pegasus Resources II, LLC  
Pegasus Resources, LLC  
Penasco Petroleum LLC  
Pogo Producing Company, LLC  
RKC, Inc.  
Robert C. Grable  
Robert S. Lee  
Rolla R. Hinkle III  
Rubie Crosby Bell Family LLC  
Santa Elena Minerals IV, LP  
Scott T. Peterson, whose wife is Billie Peterson

SMP Sidecar Titan Mineral Holdings, LP  
SMP Titan Flex, LP  
SMP Titan Mineral Holdings, LP  
Arrott Family Revocable Trust dated 4/8/2019  
Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts  
Sydtran, L.P.  
The Roach Foundation  
Transatlantic Petroleum Corp.  
Una Oreja LLC  
Warren American Oil Company  
Robert N. Enfield Irrevocable Trust B  
Whilden Trustee No. 1  
Williamson Oil & Gas Company, LLC  
Zunis Energy, LLC

## Summary of Contacts (Hushpuppy)

- Marathon retained a broker who conducted extensive title work to determine the working interest owners and other interest owners.
- Marathon searched public records, phone directory, and various different types of internet searches.
- Marathon sent well proposal letters to the working interest owners on or around April 27, 2023.
- Marathon proposed general terms of a Joint Operating Agreements (JOA) within the well proposal letters sent to working interest owners.
- Marathon sent the working interest owners JOAs.
- Marathon had multiple communications with the uncommitted working interest owners, which I have outlined in the chart below.
- Marathon filed the application to force pool working interest owners and unleased mineral interest owners who had not entered in to an agreement.
- Marathon’s counsel sent notices of the force pooling applications to the addresses of record for the uncommitted interest owners and also for overriding royalty interest owners.
- Marathon also published notice in a newspaper of general circulation in the county where the wells will be located.

<b>Summary of Contacts with Working Interest Owners/Unleased Mineral Interest Owners to Be Pooled</b>					
<u>Name</u>	<u>Unit % Interest</u>	<u>Date Proposal Sent</u>	<u>Proposal Letter Received</u>	<u>Follow Up</u>	<u>Date</u>
OXY USA, Inc.	10.625000%	4/27/2023	5/5/2023	Email conversation to confirm WI/NRI, timing, and discuss JOA terms.	5/15/2023
Chevron USA, Inc.	4.855964%	4/27/2023	5/8/2023	Agreed to JOA terms.	3/21/2024
J. Cleo Thompson and James Cleo Thompson, Jr., L.P.	4.166667%	4/27/2023	5/4/2023	Elected to participate	5/8/2023
AmericaWest Resources, LLC	3.593750%	4/27/2023	5/16/2023	Emailed to verify WI and operations timing.	5/10/2023
Chevron MidContinent, L.P.	3.253474%	4/27/2023	5/12/2023	Agreed to JOA terms.	3/21/2024
Magnum-Hunter Production, Inc.	2.736871%	4/27/2023	8/18/2023	Executed JOA.	10/18/2023
RKC, Inc.	2.232235%	4/27/2023	5/9/2023	Proposal and AFE received by WI owner via USPS certified mail.	
Triple T. Resources, L.P.	2.232235%	4/27/2023	5/8/2023	Proposal and AFE received by WI owner via USPS certified mail.	5/8/2024
MRC Permian Company	1.673611%	4/27/2023	5/8/2023	Exchanged emails to verify WI and multiple operations questions.	6/19/2023



<u>Name</u>	<u>Unit % Interest</u>	<u>Date Proposal Sent</u>	<u>Proposal Letter Received</u>	<u>Follow Up</u>	<u>Date</u>
Mizel Resources, a Trust	1.666666%	4/27/2023	5/16/2023	Email to verify WI, participation/payment options, and questions regarding OCD process.	7/31/2023
Sisbro Oil & Gas, LLC	1.666666%	4/27/2023	5/9/2023	Email to verify WI, participation/payment options, and questions regarding OCD process.	7/31/2023
S K Warren Resources, LLC	1.510900%	4/27/2023	5/8/2023	Executed Letter Agreement and JOA.	3/20/2024
CXA Oil & Gas Holdings, LP	1.484375%	4/27/2023	5/4/2023	Emailed to verify if CXA has a WI.	6/19/2023
Hanley Petroleum, Inc.	1.210937%	4/27/2023	8/30/2023	Elected to participate, agreed to JOA terms.	3/26/2024
Excess Energy, LLC	0.861213%	4/27/2023	9/28/2023	Submitted election to participate	10/2/2023
Boyd & McWilliams Energy Group, Inc.	0.833333%	4/27/2023	5/8/2023	Submitted election to participate	5/30/2023
Exxon Mobil Corporation	0.780208%	4/27/2023	5/5/2023	Proposal and AFE received by WI owner via USPS certified mail.	
Prospector, LLC	0.500000%	4/27/2023	5/9/2023	Email conversation to confirm WI/NRI	1/15/2024
WPX Energy Permian, LLC	0.390625%	4/27/2023	5/8/2023	Proposal and AFE received by WI owner via USPS certified mail.	5/8/2023
Broughton Petroleum, Inc.	0.309583%	4/27/2023	5/4/2023	Submitted election to participate and signed JOA.	5/9/2023
Big Three Energy Group, LLC	0.166667%	4/27/2023	5/8/2023	Email conversation to confirm WI/NRI	1/15/2024
Featherstone Development Corp.	0.166667%	4/27/2023	5/8/2023	Submitted election to participate	6/6/2023
Janet R. Hanson, Domiciliary Foreign Personal Representative of Estate of Eric K. Hanson, deceased	0.156250%	4/27/2023	5/6/2023	Phone call with Ms. Hanson to discuss her interest, timing, election, options, and potential sale of her interest.	8/1/2023
LHAH Properties, LLC	0.156250%	4/27/2023	8/30/2023	Elected to participate, agreed to JOA terms.	3/26/2024
Foran Oil Company	0.115739%	4/27/2023	5/4/2023	Proposal and AFE received by WI owner via USPS certified mail.	
Sandra Richards Adams	0.111111%	4/27/2023	5/5/2023	Proposal and AFE received by WI owner via USPS certified mail.	5/5/2023

<u>Name</u>	<u>Unit % Interest</u>	<u>Date Proposal Sent</u>	<u>Proposal Letter Received</u>	<u>Follow Up</u>	<u>Date</u>
C. Michael Brown d/b/a Bear Energy	0.083333%	4/27/2023	5/6/2023	Submitted election to participate	5/23/2023
Roy E. Guinnup	0.078125%	4/27/2023	5/8/2023	Submitted election to participate.	3/11/2024
Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B	0.065249%	4/27/2023	5/10/2023	Email to verify WI/NRI and operations timing.	8/28/2023
Elizabeth Fijolek	0.055556%	4/27/2023	5/8/2023	Email to verify WI, participation/payment options, and questions regarding OCD process. Indicated that they would participate.	9/14/2023
Nancy Goldberg	0.055556%	4/27/2023	5/15/2023	Email to verify WI, participation/payment options, and questions regarding OCD process. Indicated that they would participate.	9/14/2023
TBO Oil & Gas, LLC	0.039063%	4/27/2023	5/9/2023	Submitted election to participate	5/23/2023
J.M. Beique	0.014279%	4/27/2023	5/10/2023	Responded to voicemail with phone call and email to verify WI.	5/29/2023
Roy G. Barton Jr., whose wife is Claudia Barton	0.011169%	4/27/2023	3/6/2024	Emailed to request JOA form and to let us know he would be participating and sending elections in by end of week.	3/6/2024



Farley Duvall  
Land Professional - Permian

Marathon Oil Company  
990 Town & Country Blvd.  
Houston, Texas 77024  
713.296.2399 (o)  
fduvall@marathonoil.com

April 27, 2023

Chevron U.S.A. Inc.  
1400 Smith Street  
Houston, TX 77002

Re: Hushpuppy BS Federal Com 301H, 302H, 501H, 551H, & 552H (the "Wells")  
Participation Proposal  
W/2 of Sections 22, 27, & 34, T24S-R28E  
Eddy County, New Mexico

Dear Sir/Madam:

Marathon Oil Permian LLC ("Marathon") proposes the drilling, completion, and equipping of the Wells to test the Bone Springs formation, at a legal location in Sections 22, 27, & 34, Township 24 South, Range 34 East, Eddy County, New Mexico (the "Subject Lands), as follows:

WELL NAME	FTP (Sec. 34-24S-28E)	LTP (Sec. 22-24S-28E)	TVD	MD	AFE Cost
Hushpuppy BS Federal Com 301H	660' FWL/100' FSL	660' FWL/100' FNL	7,450'	22,700'	
Hushpuppy BS Federal Com 501H	1620' FWL/100' FSL	1620' FWL/100' FNL	8,235'	23,485'	
Hushpuppy BS Federal Com 302H	1980' FWL/100' FSL	1980' FWL/100' FNL	7,450'	22,700'	
Hushpuppy BS Federal Com 551H	660' FWL/100' FSL	660' FWL/100' FNL	9,040'	24,290'	
Hushpuppy BS Federal Com 552H	1980' FWL/100' FSL	1980' FWL/100' FNL	9,040'	24,290'	

**Authority for Expenditure (AFEs)**

Enclosed with this letter is an Authority for Expenditure ("AFE") for each of the proposed Wells. Please be aware that the enclosed AFEs are only an estimate of costs to be incurred, and by electing to participate, you shall be responsible for your proportionate share of all actual costs incurred.



### **Voluntary Agreement of Compulsory Pooling**

Marathon will provide, upon request, a proposed Joint Operating Agreement (“JOA”) for development of the Subject Lands that will include the following basic terms:

- Marathon Oil Permian LLC to be named as Operator
- Contract Area begin the Subject Lands
- As a charge for the risk involved in drilling the well, 300% of the above costs
- \$10,000 per month drilling overhead rates and \$1,000 per month producing overhead rates, adjusted annually pursuant to Section III.1.A.3 of COPAS form titled “Accounting Procedure-Joint Operations.”

If you would like to discuss a farmout, an assignment of interest, an acreage trade or other form of agreement for your interests in the Subject Lands, please contact the undersigned. If Marathon is unable to reach a voluntary agreement for the development of the Subject Lands with all the interest owners in the proposed spacing unit, Marathon will file an application with the New Mexico Oil Conservation Division for an order pooling the Subject Lands.

### **Election Instructions**

Please use the attached ballot to indicate your desire to participate in each of the proposed wells and return a signed AFE for each well in which you elect to participate. If we do not receive a response from you within thirty (30) days, we will proceed with the necessary proceedings to pool your interests in the proposed spacing unit for the initial wells.

Should you elect to participate, your interest will automatically be covered by the Operator’s insurance unless and until you provide written notice to Operator to the contrary, together with a valid, current insurance certificate from your insurance carrier in compliance with Operator’s minimum insurance requirements.

Should you have any questions regarding the above, please do not hesitate to contact me at the information provided in the top of this letter.

Best Regards,  
**Marathon Oil Permian LLC**

Farley Duvall  
Land Professional

PARTICIPATION BALLOT

**Chevron U.S.A. Inc.** hereby elects to:

\_\_\_\_\_ Not to participate in the **Hushpuppy BS Federal Com 301H Well**.

\_\_\_\_\_ Participate in the **Hushpuppy BS Federal Com 301H Well** by paying its proportionate share of all actual costs.

\_\_\_\_\_ Not to participate in the **Hushpuppy BS Federal Com 501H Well**.

\_\_\_\_\_ Participate in the **Hushpuppy BS Federal Com 501H Well** by paying its proportionate share of all actual costs.

\_\_\_\_\_ Not to participate in the **Hushpuppy BS Federal Com 302H Well**.

\_\_\_\_\_ Participate in the **Hushpuppy BS Federal Com 302H Well** by paying its proportionate share of all actual costs.

\_\_\_\_\_ Not to participate in the **Hushpuppy BS Federal Com 551H Well**.

\_\_\_\_\_ Participate in the **Hushpuppy BS Federal Com 551H Well** by paying its proportionate share of all actual costs.

\_\_\_\_\_ Not to participate in the **Hushpuppy BS Federal Com 552H Well**.

\_\_\_\_\_ Participate in the **Hushpuppy BS Federal Com 552H Well** by paying its proportionate share of all actual costs.

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023  
 DRILLING & LOCATION PREPARED BY COURT NELSON  
 COMPLETION PREPARED BY KRISTEN DRAIN  
 FACILITIES PREPARED BY HARSHA DISSANAYAKE  
 ARTIFICIAL LIFT PREPARED BY CRAIG PLANTE

Asset Team	PERMIAN				
Field	Willow Lake Bone Spring		WILDCAT	EXPLORATION	
Lease/Facility	Hushpuppy B5 Federal Com 301H		DEVELOPMENT	RECOMPLETION	
Location	660' FWL/100' FSL 34-245-28E	X	EXPLOITATION	WORKOVER	
Prospect	Malaga				
Est Total Depth	22,700	Est Drilling Days	30.052	Est Completion Days	11

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	165,000
7001250	Land Broker Fees and Services	110,000
		0
TOTAL LOCATION COST - INTANGIBLE		\$275,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	44,938
7012050	Surface Casing	30,558
7012050	Intermediate Casing 1	93,471
7012050	Intermediate Casing 2	-
7012050	Production Casing	467,357
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	44,938
7012550	Drilling Wellhead Equipment	43,141
7012040	Casing & Tubing Access	98,864
7290003	Miscellaneous MRO Materials	8,988
		-
TOTAL DRILLING - TANGIBLE		\$832,254

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Demob	116,839
7290002	Drilling Rig - day work/footage	726,200
7019040	Directional Drilling Services	241,228
7019020	Cement and Cementing Service Surface	26,963
7019020	Cement and Cementing Service Intermediate 1	44,938
7019020	Cement and Cementing Service Intermediate 2	-
7019020	Cement and Cementing Service Production	269,629
7019140	Mud Fluids & Services	112,705
7012310	Solids Control equipment	65,358
7012020	Bits	215,703
7019010	Casing Crew and Services	71,901
7016350	Fuel (Rig)	112,561
7019140	Fuel (Mud)	53,926
7001460	Water (non potable)	44,938
7012350	Water (potable)	8,988
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	20,087
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	62,913
7019110	Casing inspection/cleaning	26,963
7019110	Drill pipe/collar inspection services	17,975
7016180	Freight - truck	44,938
7001460	Water hauling and disposal (includes soil farming)	107,852
7001160	Contract Services - Disposal/Non-Hazardous Waste	143,802
7001440	Vacuum Trucks	17,975
7000030	Contract Labor - general	53,926
7000010	Contract Labor - Operations	5,393
7001200	Contract Services - Facilities	17,975
7019300	Well Services - Well Control Services	35,007
7019350	Well Services - Well/Wellhead Services	17,975
7290003	Rental Tools and Equipment (surface rentals)	18,155
7260001	Rig Equipment and Misc.	145,240
7001110	Telecommunications Services	8,988
7001120	Consulting Services	152,502
7001400	Safety and Environmental	50,834
7330002	Rental Buildings (trailers)	18,155
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	312,863
TOTAL DRILLING - INTANGIBLE		\$3,391,396

TOTAL DRILLING COST **\$4,223,650**

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023

Asset Team	PERMIAN
Field	Willow Lake Bone Spring
Lease/Facility	Hushpuppy B5 Federal Com 301H

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
		-
TOTAL COMPLETION - TANGIBLE		\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	12,539
7290002	Drilling Rig During Completion	-



7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	197,042
7019240	Snubbing Services	-
7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	335,268
7390002	Fracturing Services	5,155,178
7019330	Perforating	234,172
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	251,585
7016180	Freight - Truck (haul pipe; drlg & compl)	-
7290003	BOP Rental & Testing	-
7290003	Rental Tools and Equipment ( incl drlg; lightplant,hydra-walk)	-
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	58,217
7290003	Contract Labor - general	-
7000030	Telecommunications Services	44,782
7001110	Safety and Environmental	-
7001400	Consulting Services	117,778
7001120	Zipper Manifold	176,235
7019300	Frack Stack Rentals	152,260
7016180	Freight (Transportation Services)	8,598
7260001	Equipment Rental ( w/o operator, frac tanks, lightplants)	227,785
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	44,782
7011010	8% Contingency & Taxes	-
<b>TOTAL COMPLETION - INTANGIBLE</b>		<b>\$7,016,222</b>

**TOTAL COMPLETION COST \$7,031,222**

**SURFACE EQUIPMENT - TANGIBLE**

7012350	Misc. Piping, Fittings & Valves	130,155
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	141,355
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	37,680
7012270	Miscellaneous Materials (containment system)	39,249
7008060	SCADA	12,417
7016180	Freight - truck	12,981
7001190	Contract Engineering	8,041
7012290	Metering and Instrumentation	220,258
7012290	I&E Materials	129,197
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	14,948
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	208,842
7012500	Tanks	36,761
7012100	Heater Treater	108,649
7012640	Flare & Accessories	15,782
7000010	Electrical Labor	71,389
7000010	Mechanical Labor	154,377
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	28,919
<b>TOTAL SURFACE EQUIPMENT - TANGIBLE</b>		<b>\$1,371,000</b>

**TOTAL SURFACE EQUIPMENT COST \$ 1,371,000**

**ARTIFICIAL LIFT**

7000030	Contract Labor	5,071
7001120	Consultant	4,056
7008230	Time Writing/Overhead	5,071
7012180	Artificial Lift Equipment	265,699
7012350	Materials & Supplies	2,028
7012550	Production Tree	5,071
7012580	Tubing	106,482
7016190	Freight	5,071
7018150	Rentals	6,085
7019130	Kill Fluid	2,028
7019220	Well Services & Rig	24,339
<b>TOTAL ARTIFICIAL LIFT</b>		<b>431,000</b>

**TOTAL ARTIFICIAL LIFT COST \$ 431,000**

<b>SUMMARY OF ESTIMATED DRILLING WELL COSTS</b>		<b>TOTAL COST</b>
TOTAL LOCATION COST	\$	275,000
TOTAL DRILLING COST	\$	4,223,650
TOTAL COMPLETIONS COST	\$	7,031,222
TOTAL SURFACE EQUIPMENT COST	\$	1,371,000
TOTAL ARTIFICIAL LIFT COST	\$	431,000
<b>GRAND TOTAL COST</b>		<b>\$13,331,872</b>

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023  
 DRILLING & LOCATION PREPARED BY COURT NELSON  
 COMPLETION PREPARED BY KRISTEN DRAIN  
 FACILITIES PREPARED BY HARSHA DISSANAYAKE  
 ARTIFICIAL LIFT PREPARED BY CRAIG PLANTE

Asset Team	PERMIAN		
Field	<u>Willow Lake Bone Spring</u>	WILDCAT	EXPLORATION
Lease/Facility	<u>Hushpuppy BS Federal Com 302H</u>	DEVELOPMENT	RECOMPLETION
Location	<u>1980' FWL/100' FSL 34-245-28E</u>	X EXPLOITATION	WORKOVER
Prospect	<u>Malaga</u>		
Est Total Depth	<u>22,700</u>	Est Drilling Days	<u>30.052</u>
		Est Completion Days	<u>11</u>

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	165,000
7001250	Land Broker Fees and Services	110,000
		0
TOTAL LOCATION COST - INTANGIBLE		\$275,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	44,938
7012050	Surface Casing	30,558
7012050	Intermediate Casing 1	93,471
7012050	Intermediate Casing 2	-
7012050	Production Casing	467,357
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	44,938
7012550	Drilling Wellhead Equipment	43,141
7012040	Casing & Tubing Access	98,864
7290003	Miscellaneous MRO Materials	8,988
		-
TOTAL DRILLING - TANGIBLE		\$832,254

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Demob	116,839
7290002	Drilling Rig - day work/footage	726,200
7019040	Directional Drilling Services	241,228
7019020	Cement and Cementing Service Surface	26,963
7019020	Cement and Cementing Service Intermediate 1	44,938
7019020	Cement and Cementing Service Intermediate 2	-
7019020	Cement and Cementing Service Production	269,629
7019140	Mud Fluids & Services	112,705
7012310	Solids Control equipment	65,358
7012020	Bits	215,703
7019010	Casing Crew and Services	71,901
7016350	Fuel (Rig)	112,561
7019140	Fuel (Mud)	53,926
7001460	Water (non potable)	44,938
7012350	Water (potable)	8,988
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	20,087
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	62,913
7019110	Casing inspection/cleaning	26,963
7019110	Drill pipe/collar inspection services	17,975
7016180	Freight - truck	44,938
7001460	Water hauling and disposal (includes soil farming)	107,852
7001160	Contract Services - Disposal/Non-Hazardous Waste	143,802
7001440	Vacuum Trucks	17,975
7000030	Contract Labor - general	53,926
7000010	Contract Labor - Operations	5,393
7001200	Contract Services - Facilities	17,975
7019300	Well Services - Well Control Services	35,007
7019350	Well Services - Well/Wellhead Services	17,975
7290003	Rental Tools and Equipment (surface rentals)	18,155
7260001	Rig Equipment and Misc.	145,240
7001110	Telecommunications Services	8,988
7001120	Consulting Services	152,502
7001400	Safety and Environmental	50,834
7330002	Rental Buildings (trailers)	18,155
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	312,863
TOTAL DRILLING - INTANGIBLE		\$3,391,396

TOTAL DRILLING COST

\$4,223,650

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023

Asset Team	PERMIAN
Field	<u>Willow Lake Bone Spring</u>
Lease/Facility	<u>Hushpuppy BS Federal Com 302H</u>

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
		-
TOTAL COMPLETION - TANGIBLE		\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	12,539
7290002	Drilling Rig During Completion	-

7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	197,042
7019240	Snubbing Services	-
7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	335,268
7390002	Fracturing Services	5,155,178
7019330	Perforating	234,172
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	251,585
7016180	Freight - Truck (haul pipe; drlg & compl)	-
7290003	BOP Rental & Testing	-
7290003	Rental Tools and Equipment ( incl drlg; lightplant,hydra-walk)	-
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	58,217
7290003	Contract Labor - general	-
7000030	Telecommunications Services	44,782
7001110	Safety and Environmental	-
7001400	Consulting Services	117,778
7001120	Zipper Manifold	176,235
7019300	Frack Stack Rentals	152,260
7016180	Freight (Transportation Services)	8,598
7260001	Equipment Rental ( w/o operator, frac tanks, lightplants)	227,785
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	44,782
7011010	8% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$7,016,222

**TOTAL COMPLETION COST \$7,031,222**

**SURFACE EQUIPMENT - TANGIBLE**

7012350	Misc. Piping, Fittings & Valves	130,155
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	141,355
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	37,680
7012270	Miscellaneous Materials (containment system)	39,249
7008060	SCADA	12,417
7016180	Freight - truck	12,981
7001190	Contract Engineering	8,041
7012290	Metering and Instrumentation	220,258
7012290	I&E Materials	129,197
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	14,948
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	208,842
7012500	Tanks	36,761
7012100	Heater Treater	108,649
7012640	Flare & Accessories	15,782
7000010	Electrical Labor	71,389
7000010	Mechanical Labor	154,377
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	28,919
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,371,000

**TOTAL SURFACE EQUIPMENT COST \$ 1,371,000**

**ARTIFICIAL LIFT**

7000030	Contract Labor	5,071
7001120	Consultant	4,056
7008230	Time Writing/Overhead	5,071
7012180	Artificial Lift Equipment	265,699
7012350	Materials & Supplies	2,028
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7012580	Tubing	106,482
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7018150	Rentals	6,085
7019130	Kill Fluid	2,028
7019220	Well Services & Rig	24,339
TOTAL ARTIFICIAL LIFT		431,000

**TOTAL ARTIFICIAL LIFT COST \$ 431,000**

<b>SUMMARY OF ESTIMATED DRILLING WELL COSTS</b>		<b>TOTAL COST</b>
TOTAL LOCATION COST	\$	275,000
TOTAL DRILLING COST	\$	4,223,650
TOTAL COMPLETIONS COST	\$	7,031,222
TOTAL SURFACE EQUIPMENT COST	\$	1,371,000
TOTAL ARTIFICIAL LIFT COST	\$	431,000
<b>GRAND TOTAL COST</b>		<b>\$13,331,872</b>

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023  
 DRILLING & LOCATION PREPARED BY COURT NELSON  
 COMPLETION PREPARED BY KRISTEN DRAIN  
 FACILITIES PREPARED BY HARSHA DISSANAYAKE  
 ARTIFICIAL LIFT PREPARED BY CRAIG PLANTE

Asset Team	PERMIAN		
Field	Willow Lake Bone Spring	WILDCAT	EXPLORATION
Lease/Facility	Hushpuppy BS Federal Com 501H		DEVELOPMENT
Location	1620' FWL/100' FSL 34-24S-28E	X	EXPLOITATION
Prospect	Malaga		WORKOVER

Est Total Depth 23,485 Est Drilling Days 30.052 Est Completion Days 11

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	165,000
7001250	Land Broker Fees and Services	110,000
		0
TOTAL LOCATION COST - INTANGIBLE		\$275,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	44,938
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7012050	Intermediate Casing 1	93,471
7012050	Intermediate Casing 2	-
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7012040	Casing & Tubing Access	98,864
7290003	Miscellaneous MRO Materials	8,988
		-
TOTAL DRILLING - TANGIBLE		\$832,254

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Demob	116,839
7290002	Drilling Rig - day work/footage	726,200
7019040	Directional Drilling Services	241,228
7019020	Cement and Cementing Service Surface	26,963
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7019140	Mud Fluids & Services	112,705
7012310	Solids Control equipment	65,358
7012020	Bits	215,703
7019010	Casing Crew and Services	71,901
7016350	Fuel (Rig)	112,561
7019140	Fuel (Mud)	53,926
7001460	Water (non potable)	44,938
7012350	Water (potable)	8,988
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	20,087
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	62,913
7019110	Casing inspection/cleaning	26,963
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7001460	Water hauling and disposal (includes soil farming)	107,852
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7330002	Rental Buildings (trailers)	18,155
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	312,863
TOTAL DRILLING - INTANGIBLE		\$3,391,396

TOTAL DRILLING COST \$4,223,650

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023

Asset Team	PERMIAN
Field	Willow Lake Bone Spring
Lease/Facility	Hushpuppy BS Federal Com 501H

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
		-
TOTAL COMPLETION - TANGIBLE		\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	12,539
7290002	Drilling Rig During Completion	-

7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	197,042
7019240	Snubbing Services	-
7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	335,268
7390002	Fracturing Services	5,155,178
7019330	Perforating	234,172
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	251,585
7016180	Freight - Truck (haul pipe; drlg & compl)	-
7290003	BOP Rental & Testing	-
7290003	Rental Tools and Equipment ( incl drlg; lightplant,hydra-walk)	-
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	58,217
7290003	Contract Labor - general	-
7000030	Telecommunications Services	44,782
7001110	Safety and Environmental	-
7001400	Consulting Services	117,778
7001120	Zipper Manifold	176,235
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7016180	Freight (Transportation Services)	8,598
7260001	Equipment Rental ( w/o operator, frac tanks, lightplants)	227,785
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	44,782
7011010	8% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$7,016,222

**TOTAL COMPLETION COST \$7,031,222**

**SURFACE EQUIPMENT - TANGIBLE**

7012350	Misc. Piping, Fittings & Valves	130,155
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	141,355
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	37,680
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7012290	I&E Materials	129,197
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7012200	Dehydration	-
7012010	Compressor	14,948
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	208,842
7012500	Tanks	36,761
7012100	Heater Treater	108,649
7012640	Flare & Accessories	15,782
7000010	Electrical Labor	71,389
7000010	Mechanical Labor	154,377
7012480	Rod Pumping unit & Pad	-
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7012350	Electrical Power (electrical cooperative construction costs)	28,919
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$1,371,000

**TOTAL SURFACE EQUIPMENT COST \$ 1,371,000**

**ARTIFICIAL LIFT**

7000030	Contract Labor	5,071
7001120	Consultant	4,056
7008230	Time Writing/Overhead	5,071
7012180	Artificial Lift Equipment	265,699
7012350	Materials & Supplies	2,028
7012550	Production Tree	5,071
7012580	Tubing	106,482
7016190	Freight	5,071
7018150	Rentals	6,085
7019130	Kill Fluid	2,028
7019220	Well Services & Rig	24,339
TOTAL ARTIFICIAL LIFT		431,000

**TOTAL ARTIFICIAL LIFT COST \$ 431,000**

<b>SUMMARY OF ESTIMATED DRILLING WELL COSTS</b>		<b>TOTAL COST</b>
TOTAL LOCATION COST	\$	275,000
TOTAL DRILLING COST	\$	4,223,650
TOTAL COMPLETIONS COST	\$	7,031,222
TOTAL SURFACE EQUIPMENT COST	\$	1,371,000
TOTAL ARTIFICIAL LIFT COST	\$	431,000
<b>GRAND TOTAL COST</b>		<b>\$13,331,872</b>

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023  
 DRILLING & LOCATION PREPARED BY COURT NELSON  
 COMPLETION PREPARED BY KRISTEN DRAIN  
 FACILITIES PREPARED BY HARSHA DISSANAYAKE  
 ARTIFICIAL LIFT PREPARED BY CRAIG PLANTE

Asset Team	PERMIAN				
Field	Willow Lake Bone Spring		WILDCAT	EXPLORATION	
Lease/Facility	Hushpuppy BS Federal Com 551H		DEVELOPMENT	RECOMPLETION	
Location	660' FWL/100' FSL 34-245-28E	X	EXPLOITATION	WORKOVER	
Prospect	Malaga				
Est Total Depth	24,290	Est Drilling Days	34.192	Est Completion Days	11

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	165,000
7001250	Land Broker Fees and Services	110,000
		0
TOTAL LOCATION COST - INTANGIBLE		\$275,000

DRILLING COST - TANGIBLE

7001270	Conductor Pipe	41,124
7012050	Surface Casing	27,964
7012050	Intermediate Casing 1	85,538
7012050	Intermediate Casing 2	352,022
7012050	Production Casing	615,216
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	41,124
7012550	Drilling Wellhead Equipment	39,479
7012040	Casing & Tubing Access	106,923
7290003	Miscellaneous MRO Materials	8,225
		-
TOTAL DRILLING - TANGIBLE		\$1,317,615

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Demob	106,923
7290002	Drilling Rig - day work/footage	888,280
7019040	Directional Drilling Services	310,240
7019020	Cement and Cementing Servicr Surface	24,674
7019020	Cement and Cementing Servicr Intermediate 1	41,124
7019020	Cement and Cementing Servicr Intermediate 2	74,023
7019020	Cement and Cementing Servicr Production	139,822
7019140	Mud Fluids & Services	114,325
7012310	Solids Control equipment	79,945
7012020	Bits	222,070
7019010	Casing Crew and Services	82,248
7016350	Fuel (Rig)	137,683
7019140	Fuel (Mud)	49,349
7001460	Water (non potable)	41,124
7012350	Water (potable)	8,225
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	26,772
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	57,574
7019110	Casing inspection/cleaning	24,674
7019110	Drill pipe/collar inspection services	16,450
7016180	Freight - truck	41,124
7001460	Water hauling and disposal (includes soil farming)	98,698
7001160	Contract Services - Disposal/Non-Hazardous Waste	131,597
7001440	Vacuum Trucks	16,450
7000030	Contract Labor - general	49,349
7000010	Contract Labor - Operations	4,935
7001200	Contract Services - Facilities	16,450
7019300	Well Services - Well Control Services	37,629
7019350	Well Services - Well/Wellhead Services	16,450
7290003	Rental Tools and Equipment (surface rentals)	22,207
7260001	Rig Equipment and Misc.	177,656
7001110	Telecommunications Services	8,225
7001120	Consulting Services	186,539
7001400	Safety and Environmental	62,180
7330002	Rental Buildings (trailers)	22,207
7019310	Coring (sidewalls & analysis)	-
7011010	8% Contingency & Taxes	372,387
TOTAL DRILLING - INTANGIBLE		\$3,709,605

TOTAL DRILLING COST \$5,027,220

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023

Asset Team PERMIAN  
 Field Willow Lake Bone Spring  
 Lease/Facility Hushpuppy BS Federal Com 551H

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
		-
TOTAL COMPLETION - TANGIBLE		\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	12,539
7290002	Drilling Rig During Completion	-

7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	197,042
7019240	Snubbing Services	-
7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	495,066
7390002	Fracturing Services	5,155,178
7019330	Perforating	234,172
7019360	Wireline Services	-
7001460	Water Hauling & Disposal (frac fluids)	370,585
7016180	Freight - Truck (haul pipe; drlg & compl)	-
7290003	BOP Rental & Testing	-
7290003	Rental Tools and Equipment ( Incl drlg; lightplant,hydra-walk)	-
7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	58,217
7290003	Contract Labor - general	-
7000030	Telecommunications Services	44,782
7001110	Safety and Environmental	-
7001400	Consulting Services	117,778
7001120	Zipper Manifold	176,235
7019300	Frac Stack Rentals	152,260
7016180	Freight (Transportation Services)	8,598
7260001	Equipment Rental ( w/o operator, frac tanks, lightplants)	227,785
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	44,782
7011010	8% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$7,295,020

**TOTAL COMPLETION COST \$7,310,020**

**SURFACE EQUIPMENT - TANGIBLE**

7012350	Misc. Piping, Fittings & Valves	85,061
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	92,381
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	24,626
7012270	Miscellaneous Materials (containment system)	25,651
7008060	SCADA	8,115
7016180	Freight - truck	8,483
7001190	Contract Engineering	5,255
7012290	Metering and Instrumentation	143,947
7012290	I&E Materials	84,435
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	9,769
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	136,486
7012500	Tanks	24,024
7012100	Heater Treater	71,006
7012640	Flare & Accessories	10,314
7000010	Electrical Labor	46,655
7000010	Mechanical Labor	100,891
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	18,900
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$896,000

**TOTAL SURFACE EQUIPMENT COST \$ 896,000**

**ARTIFICIAL LIFT**

7000030	Contract Labor	5,071
7001120	Consultant	4,056
7008230	Time Writing/Overhead	5,071
7012180	Artificial Lift Equipment	265,699
7012350	Materials & Supplies	2,028
7012550	Production Tree	5,071
7012580	Tubing	106,482
7016190	Freight	5,071
7018150	Rentals	6,085
7019130	Kill Fluid	2,028
7019220	Well Services & Rig	24,339
TOTAL ARTIFICIAL LIFT		431,000

**TOTAL ARTIFICIAL LIFT COST \$ 431,000**

SUMMARY OF ESTIMATED DRILLING WELL COSTS		TOTAL COST
TOTAL LOCATION COST	\$	275,000
TOTAL DRILLING COST	\$	5,027,220
TOTAL COMPLETIONS COST	\$	7,310,020
TOTAL SURFACE EQUIPMENT COST	\$	896,000
TOTAL ARTIFICIAL LIFT COST	\$	431,000
GRAND TOTAL COST		\$13,939,240

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023  
 DRILLING & LOCATION PREPARED BY COURT NELSON  
 COMPLETION PREPARED BY KRISTEN DRAIN  
 FACILITIES PREPARED BY HARSHA DISSANAYAKE  
 ARTIFICIAL LIFT PREPARED BY CRAIG PLANTE

Asset Team	PERMIAN				
Field	Willow Lake Bone Spring		WILDCAT	EXPLORATION	
Lease/Facility	Hushpuppy B5 Federal Com 552H		DEVELOPMENT	RECOMPLETION	
Location	1980' FWL/100' FSL 34-245-28E	X	EXPLOITATION	WORKOVER	
Prospect	Malaga				
Est Total Depth	24,290	Est Drilling Days	34.192	Est Completion Days	11

LOCATION COST - INTANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7001270	Location and Access	165,000
7001250	Land Broker Fees and Services	110,000
		0
TOTAL LOCATION COST - INTANGIBLE		\$275,000

DRILLING COST - TANGIBLE

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7012050	Surface Casing	27,964
7012050	Intermediate Casing 1	85,538
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7012050	Production Casing	615,216
7012050	Drig Liner Hanger, Tieback Eq & Csg Accessories	41,124
7012550	Drilling Wellhead Equipment	39,479
7012040	Casing & Tubing Access	106,923
7290003	Miscellaneous MRO Materials	8,225
		-
TOTAL DRILLING - TANGIBLE		\$1,317,615

DRILLING COST - INTANGIBLE

7290002	Drilling Rig Mob/Demob	106,923
7290002	Drilling Rig - day work/footage	888,280
7019040	Directional Drilling Services	310,240
7019020	Cement and Cementing Servicr Surface	24,674
7019020	Cement and Cementing Servicr Intermediate 1	41,124
7019020	Cement and Cementing Servicr Intermediate 2	74,023
7019020	Cement and Cementing Servicr Production	139,822
7019140	Mud Fluids & Services	114,325
7012310	Solids Control equipment	79,945
7012020	Bits	222,070
7019010	Casing Crew and Services	82,248
7016350	Fuel (Rig)	137,683
7019140	Fuel (Mud)	49,349
7001460	Water (non potable)	41,124
7012350	Water (potable)	8,225
7019000	Well Logging Services	-
7019150	Mud Logging+geosteering	26,772
7019250	Stabilizers, Hole Openers, Underreamers (DH rentals)	57,574
7019110	Casing inspection/cleaning	24,674
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7019350	Well Services - Well/Wellhead Services	16,450
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7260001	Rig Equipment and Misc.	177,656
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7019310	Coring (sidewalls & analysis)	-
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TOTAL DRILLING - INTANGIBLE		\$3,709,605

TOTAL DRILLING COST \$5,027,220

MARATHON OIL PERMIAN LLC  
 AUTHORITY FOR EXPENDITURE  
 DETAIL OF ESTIMATED WELL COSTS

DATE 5/1/2023

Asset Team	PERMIAN
Field	Willow Lake Bone Spring
Lease/Facility	Hushpuppy B5 Federal Com 552H

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012550	Wellhead Equip	15,000
7012560	Packers - Completion Equipment	-
		-
TOTAL COMPLETION - TANGIBLE		\$15,000

COMPLETION - INTANGIBLE

7001270	Location and Access (dress location after rig move, set anchors)	12,539
7290002	Drilling Rig During Completion	-

7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	197,042
7019240	Snubbing Services	-
7019270	Pulling/Swab Units	-
7016350	Fuel (from drlg)	-
7019010	Casing Crew and Services	-
7019020	Cement and Cementing Services	-
7019080	Well Testing Services (flow hand & equip)	495,066
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7016180	Freight - Truck (haul pipe; drlg & compl)	-
7290003	BOP Rental & Testing	-
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7290003	CT Downhole Rental Equipment (ie. Bit, BHA)	58,217
7290003	Contract Labor - general	-
7000030	Telecommunications Services	44,782
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7001400	Consulting Services	117,778
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7016180	Freight (Transportation Services)	8,598
7260001	Equipment Rental ( w/o operator, frac tanks, lightplants)	227,785
7330002	Rental Buildings (trailers)	-
7000030	Contract Labor - Pumping (pump-down pumps)	44,782
7011010	8% Contingency & Taxes	-
TOTAL COMPLETION - INTANGIBLE		\$7,295,020

**TOTAL COMPLETION COST \$7,310,020**

<b>SURFACE EQUIPMENT - TANGIBLE</b>		
7012350	Misc. Piping, Fittings & Valves	85,061
7006640	Company Labor & Burden	-
7000030	Contract Labor - General	92,381
7001110	Telecommunication equip (Telemetry)	-
7012410	Line Pipe & Accessories	24,626
7012270	Miscellaneous Materials (containment system)	25,651
7008060	SCADA	8,115
7016180	Freight - truck	8,483
7001190	Contract Engineering	5,255
7012290	Metering and Instrumentation	143,947
7012290	I&E Materials	84,435
7012200	Gas Treating	-
7012200	Dehydration	-
7012010	Compressor	9,769
7012350	Power	-
7012610	Vapor Recovery Unit	-
7012440	Separator & other pressure vessels	136,486
7012500	Tanks	24,024
7012100	Heater Treater	71,006
7012640	Flare & Accessories	10,314
7000010	Electrical Labor	46,655
7000010	Mechanical Labor	100,891
7012480	Rod Pumping unit & Pad	-
7012180	Pumping Unit Engine	-
7012350	Electrical Power (electrical cooperative construction costs)	18,900
TOTAL SURFACE EQUIPMENT - TANGIBLE		\$896,000

**TOTAL SURFACE EQUIPMENT COST \$ 896,000**

<b>ARTIFICIAL LIFT</b>		
7000030	Contract Labor	5,071
7001120	Consultant	4,056
7008230	Time Writing/Overhead	5,071
7012180	Artificial Lift Equipment	265,699
7012350	Materials & Supplies	2,028
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7018150	Rentals	6,085
7019130	Kill Fluid	2,028
7019220	Well Services & Rig	24,339
TOTAL ARTIFICIAL LIFT		431,000

**TOTAL ARTIFICIAL LIFT COST \$ 431,000**

<b>SUMMARY OF ESTIMATED DRILLING WELL COSTS</b>	<b>TOTAL COST</b>
TOTAL LOCATION COST	\$ 275,000
TOTAL DRILLING COST	\$ 5,027,220
TOTAL COMPLETIONS COST	\$ 7,310,020
TOTAL SURFACE EQUIPMENT COST	\$ 896,000
TOTAL ARTIFICIAL LIFT COST	\$ 431,000
<b>GRAND TOTAL COST</b>	<b>\$13,939,240</b>

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

APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO

CASE NO. 24338

AFFIDAVIT

STATE OF TEXAS )  
 ) ss.  
COUNTY OF HARRIS )

Greg Buratowski, being duly sworn, deposes and states:

1. I am over the age of 18, I am a geologist for Marathon Oil Permian LLC, and have personal knowledge of the matters stated herein.

2. I have previously testified before the Division and my credentials as an expert petroleum geologist were accepted as a matter of record.

3. My area of responsibility at Marathon includes the area of Eddy County in New Mexico.

4. I am familiar with the application Marathon filed in this case.

5. **Exhibit C.1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.

6. **Exhibit C.2** is a wellbore schematic showing Marathon's development plan.

7. **Exhibits C.3 through C.6** are the geology study I prepared for the Hushpuppy BS Federal Com 301H and the Hushpuppy BS Federal Com 302H wells, which will target the First Bone Spring formation.

8. **Exhibit C.3** is a structure map of the top of the First Bone Spring Sand formation. The proposed spacing unit is identified by a black dashed box. The proposed wells are identified



by red lines. The contour interval used in this exhibit is 25 feet. This exhibit shows that the top of the First Bone Spring dips towards the east.

9. **Exhibit C.4** is a cross-section reference map that identifies three wells in the vicinity of the proposed well, shown by a line of cross-section running from A to A'.

10. **Exhibit C.5** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the First Bone Spring formation in the area. The target zone for the well is identified by the words "Producing Zone" and the shaded area across the cross section. I conclude that the First Bone Spring appears to be consistent across the unit.

11. **Exhibit C.6** is a Gross Interval Isochore for the First Bone Spring Sand. The First Bone Spring thickens towards the east and south across the project area.

12. **Exhibits C.7 through C.10** are the geology study I prepared for the Hushpuppy BS Federal Com 501H well, which will target the Second Bone Spring formation.

13. **Exhibit C.7** is a structure map of the base of the Second Bone Spring Sand formation. The proposed spacing unit is identified by a black dashed box. The proposed well is identified by a red line. The contour interval used in this exhibit is 25 feet. This exhibit shows that the top of the Second Bone Spring dips towards the east.

14. **Exhibit C.8** is a cross-section reference map that identifies three wells in the vicinity of the proposed well, shown by a line of cross-section running from A to A'.

15. **Exhibit C.9** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the Second Bone Spring formation in the area. The target zone for the well is identified by the words "Producing Zone" and the shaded area across the cross section. I conclude that the Second Bone Spring appears to be consistent across the unit.

16. **Exhibit C.10** is a Gross Interval Isochore for the Second Bone Spring Sand. The Second Bone Spring has a consistent thickness across the project area.

17. **Exhibits C.11 through C.14** are the geology study I prepared for the Hushpuppy BS Federal Com 551H and Hushpuppy BS Federal Com 551H wells, which will target the Third Bone Spring formation.

18. **Exhibit C.11** is a structure map of the top of the Third Bone Spring Carbonate. The proposed spacing unit is identified by a black dashed box. The proposed wells are identified by red lines. The contour interval used in this exhibit is 25 feet. This exhibit shows that the top of the Third Bone Spring Carbonate dips towards the east.

19. **Exhibit C.12** is a cross-section reference map that identifies three wells in the vicinity of the proposed well, shown by a line of cross-section running from A to A'.

20. **Exhibit C.13** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the Third Bone Spring Carbonate in the area. The target zone for the well is identified by the words "Producing Zone" and the shaded area across the cross section. I conclude that the Third Bone Spring appears to be consistent across the unit.

21. **Exhibit C.14** is a Gross Interval Isochore for the Third Bone Spring Carbonate. The Third Bone Spring Carbonate has a consistent thickness across the project area.

22. I conclude from the maps that:

- a. The horizontal spacing 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 will contribute more or less equally to production.

23. **Exhibit C.15** provides an overview of the stress orientation in the area based on the 2018 Snee-Zoback paper.

24. The preferred well orientation in this area is North/South or East/West. This is because the  $S_{Hmax}$  is at approximately  $45^\circ$  in this part of Eddy County.

25. The exhibits to this affidavit were prepared by my or under my supervision or compiled from company business records.

26. In my opinion, the granting of Marathon's application is in the interests of conservation and the prevention of waste.

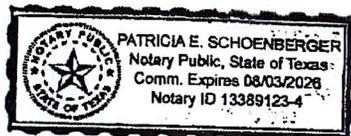
*Greg Buratowski*  
Greg Buratowski

State of Texas

County of Harris

This record was acknowledged before me on March 28, 2024, by Greg Buratowski.

[Stamp]

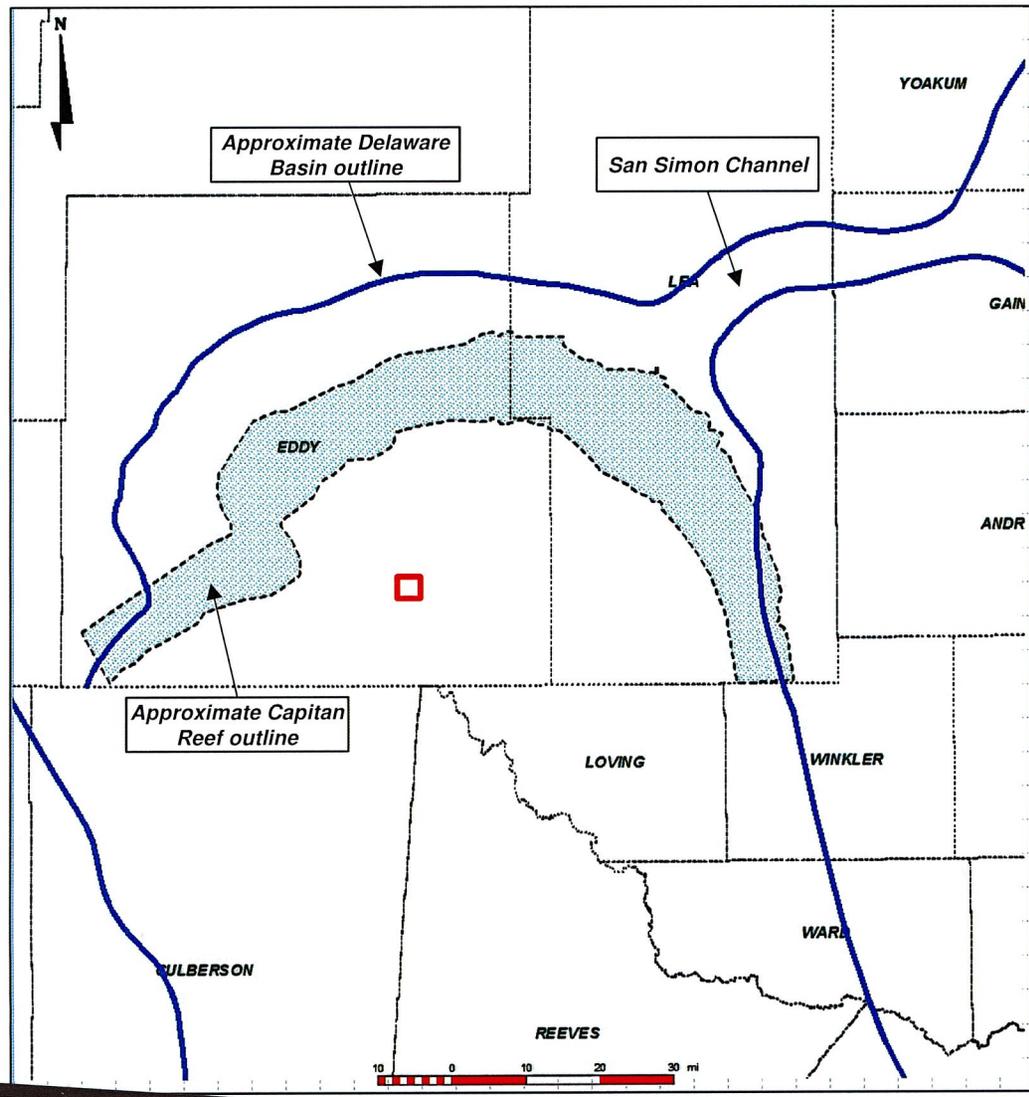


*Patricia Schoenberger*  
Notary Public in and for the  
State of Texas  
Commission Number: 13389123-4

My Commission Expires: 8/3/2026

# Hushpuppy Federal Com Unit

## Locator Map



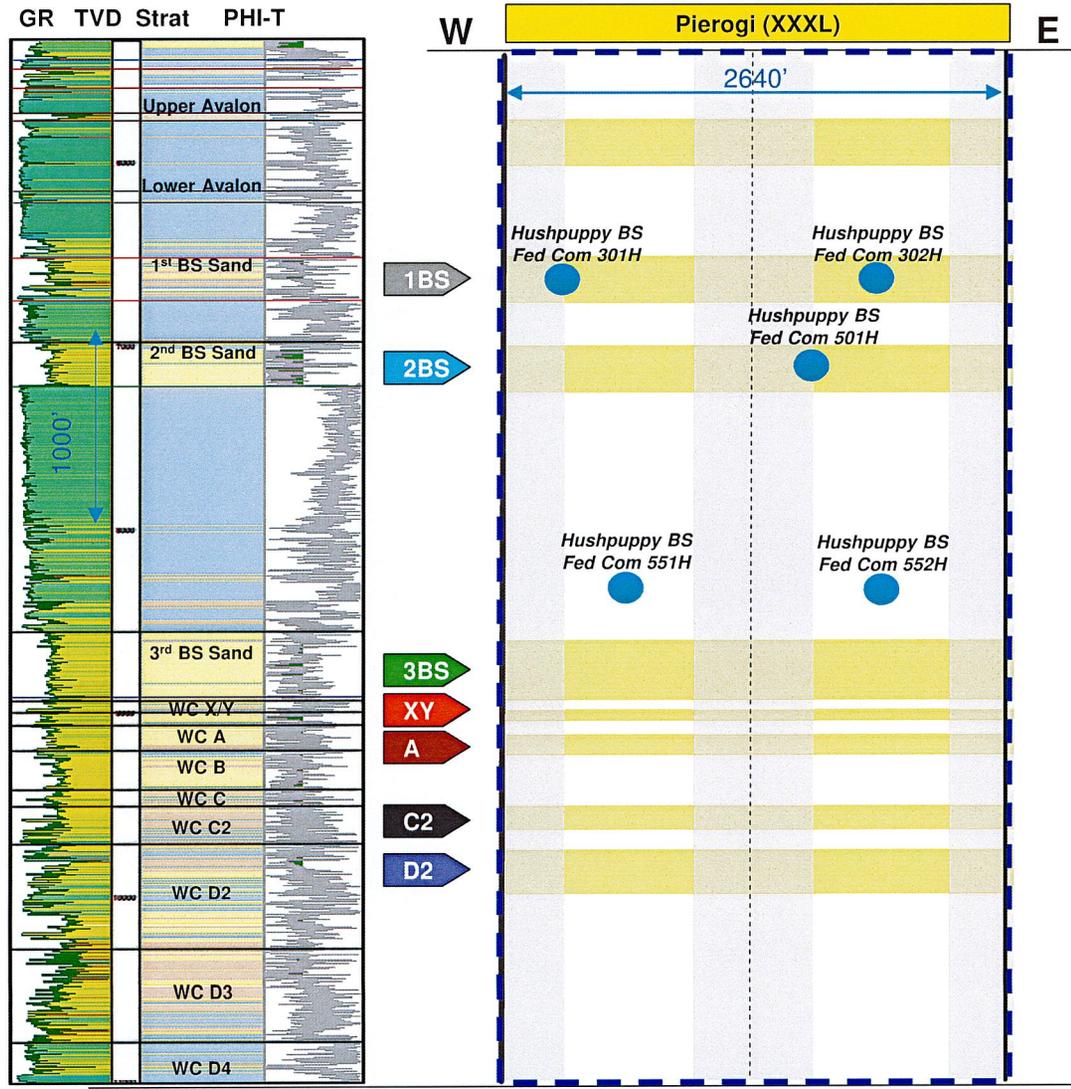
- Approximate location of proposed Hushpuppy Federal Com well locations shown with red box
- Located outside of the Capitan Reef
- Mid-eastern Eddy County

EXHIBIT  
C-1



# Hushpuppy Federal Com Unit

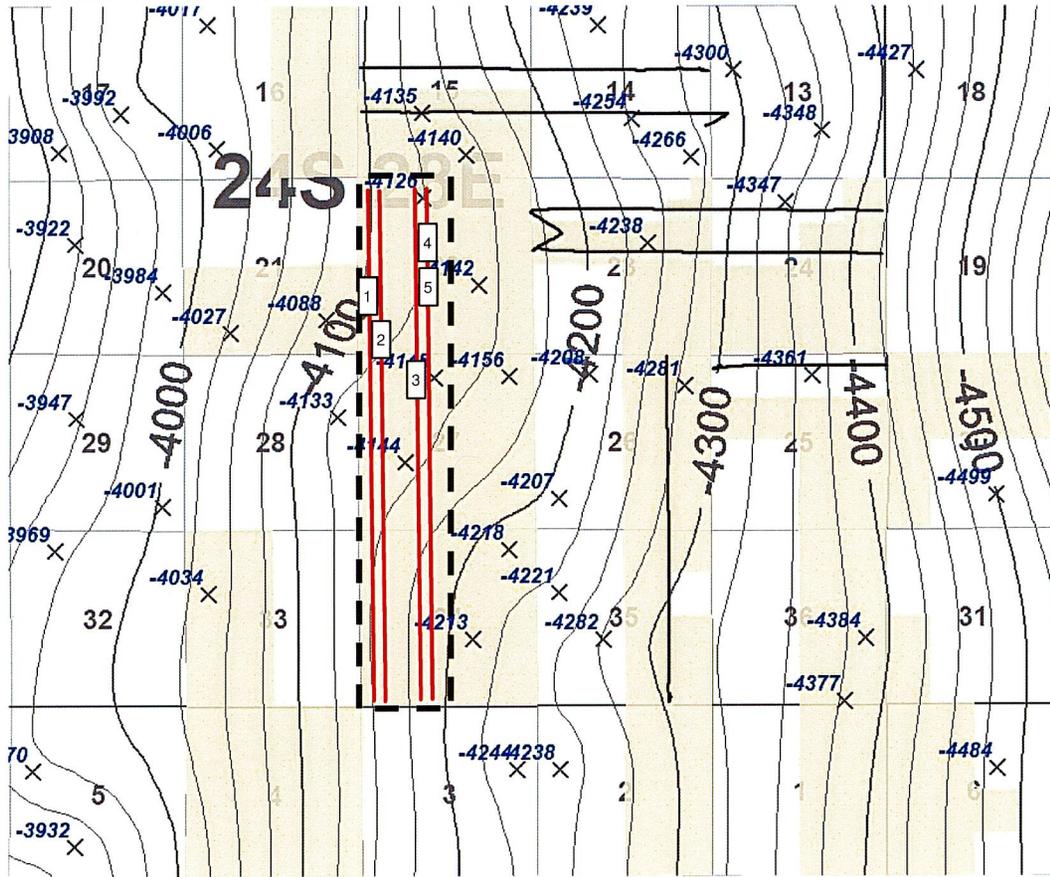
## Wellbore Schematic



**EXHIBIT**  
**C-2**

# Hushpuppy Federal Com Unit

## Structure Map – Top of First Bone Spring (TVDSS)



- 1 Hushpuppy BS Federal Com 301H
- 2 Hushpuppy BS Federal Com 551H
- 3 Hushpuppy BS Federal Com 501H
- 4 Hushpuppy BS Federal Com 302H
- 5 Hushpuppy BS Federal Com 552H

C.I. = 25' 1 mile

### Map Legend\*

- Proposed Wells
- Existing First Bone Spring wells

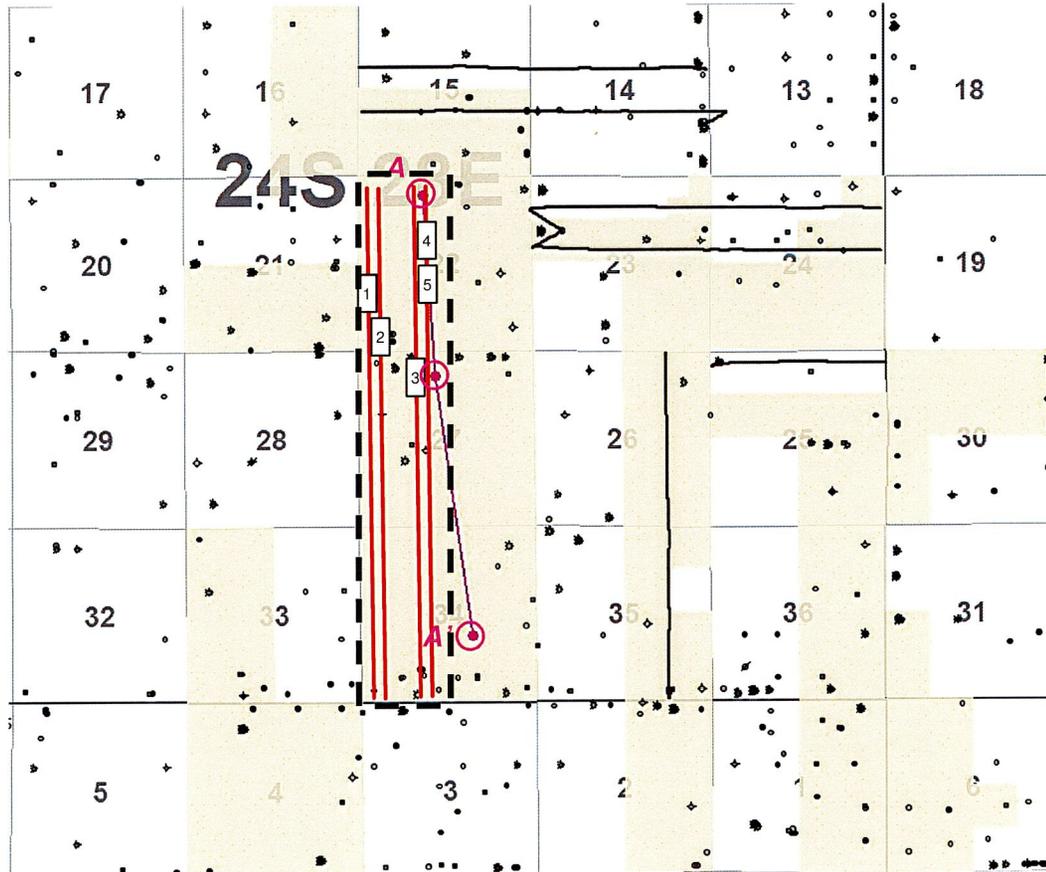
- MRO Acreage
- Project Area

*The top of the First Bone Spring dips towards the east.*



# Hushpuppy Federal Com Unit

## Reference Map for Cross Section



- 1 Hushpuppy BS Federal Com 301H
- 2 Hushpuppy BS Federal Com 551H
- 3 Hushpuppy BS Federal Com 501H
- 4 Hushpuppy BS Federal Com 302H
- 5 Hushpuppy BS Federal Com 552H

### Map Legend\*

-  Proposed Wells
-  Existing First Bone Spring wells

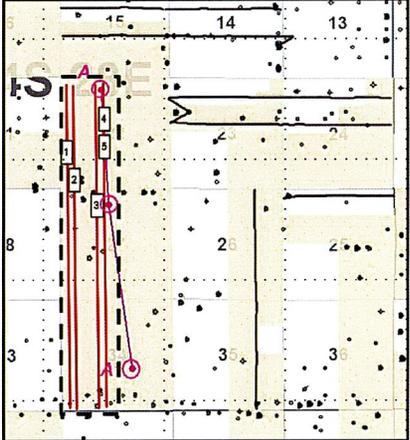
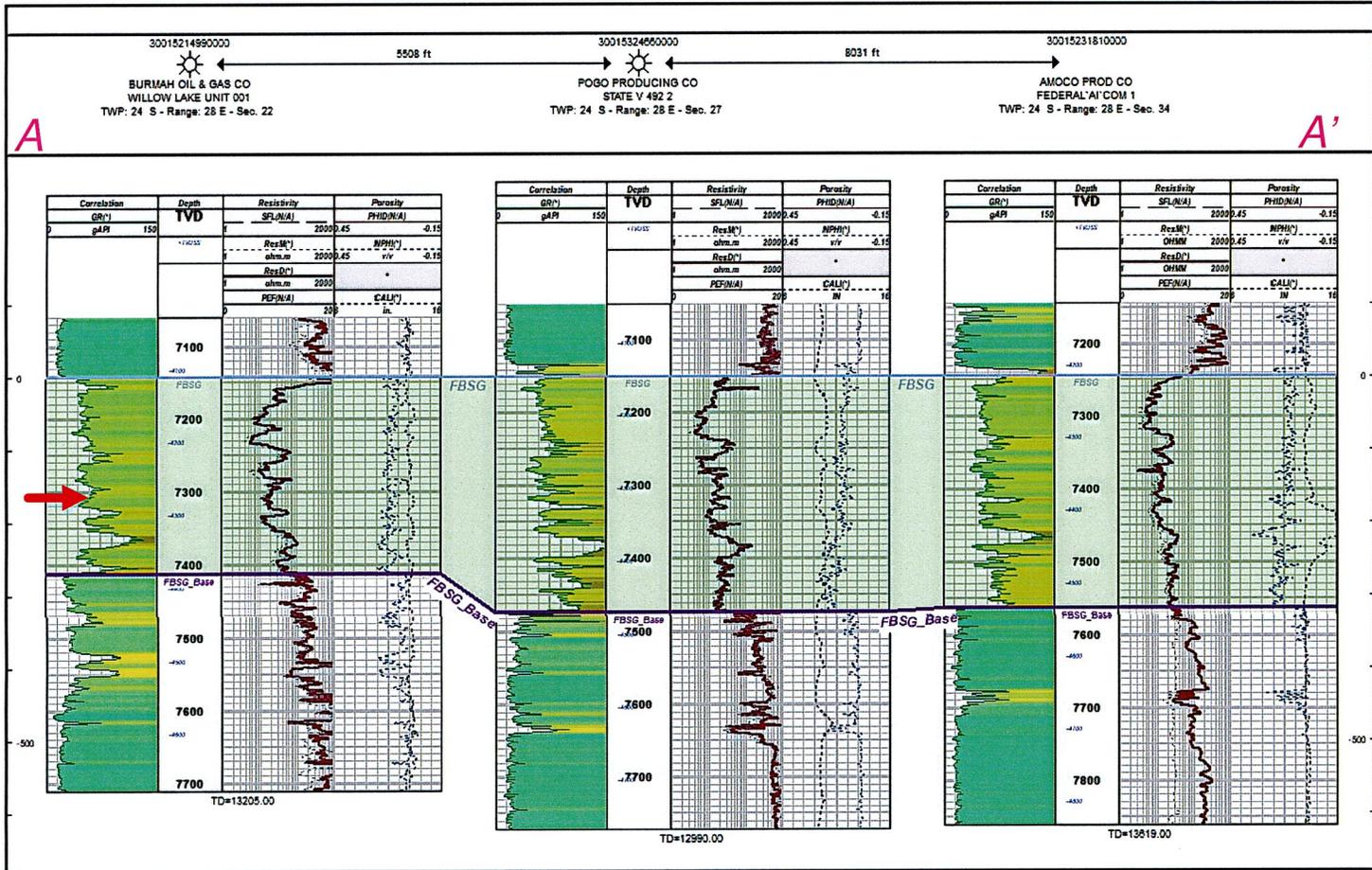
-  MRO Acreage
-  Project Area

1 mile



# Hushpuppy Federal Com Unit

## Stratigraphic Cross Section (Top First Bone Spring Datum)



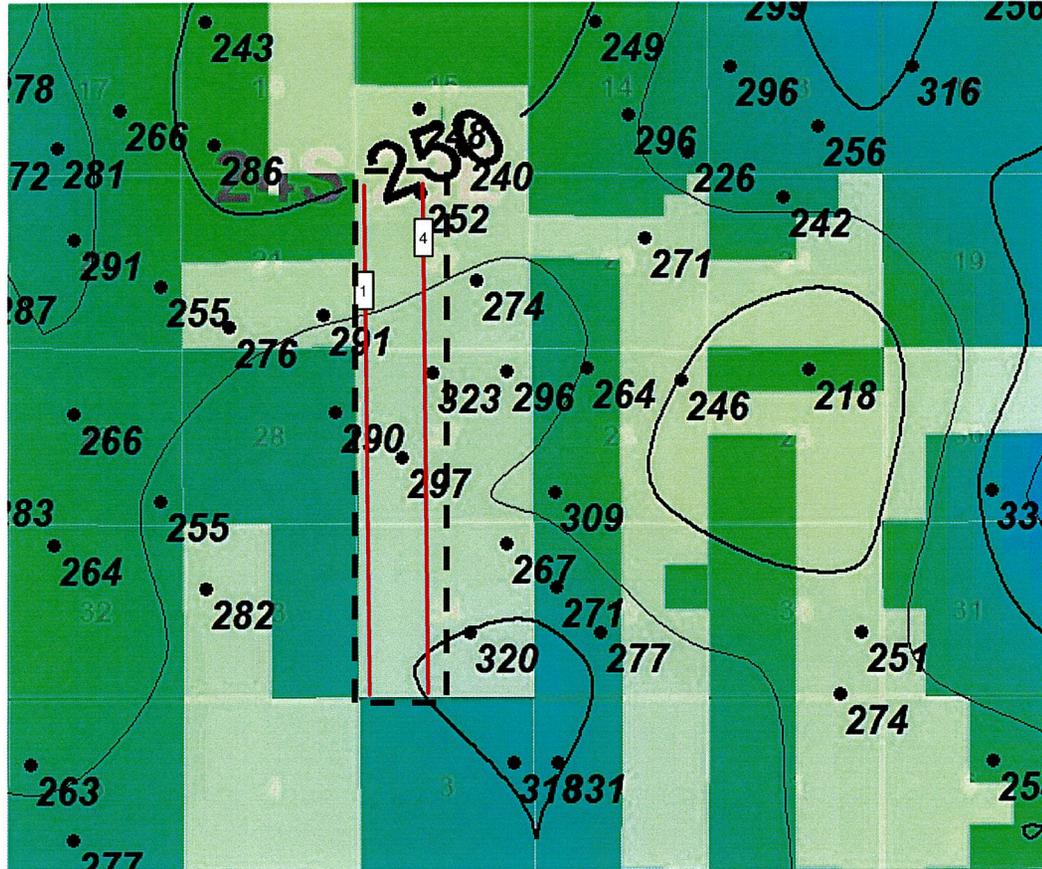
Producing Zone –  
First Bone Spring

EXHIBIT  
C.5



# Hushpuppy Federal Com Unit

## Gross Interval Isochore- Top First Bone Spring Sand to Base First Bone Spring Sand



- 1 Hushpuppy BS Federal Com 301H
- 4 Hushpuppy BS Federal Com 302H

C.I. = 25'



### Map Legend\*

Proposed Wells



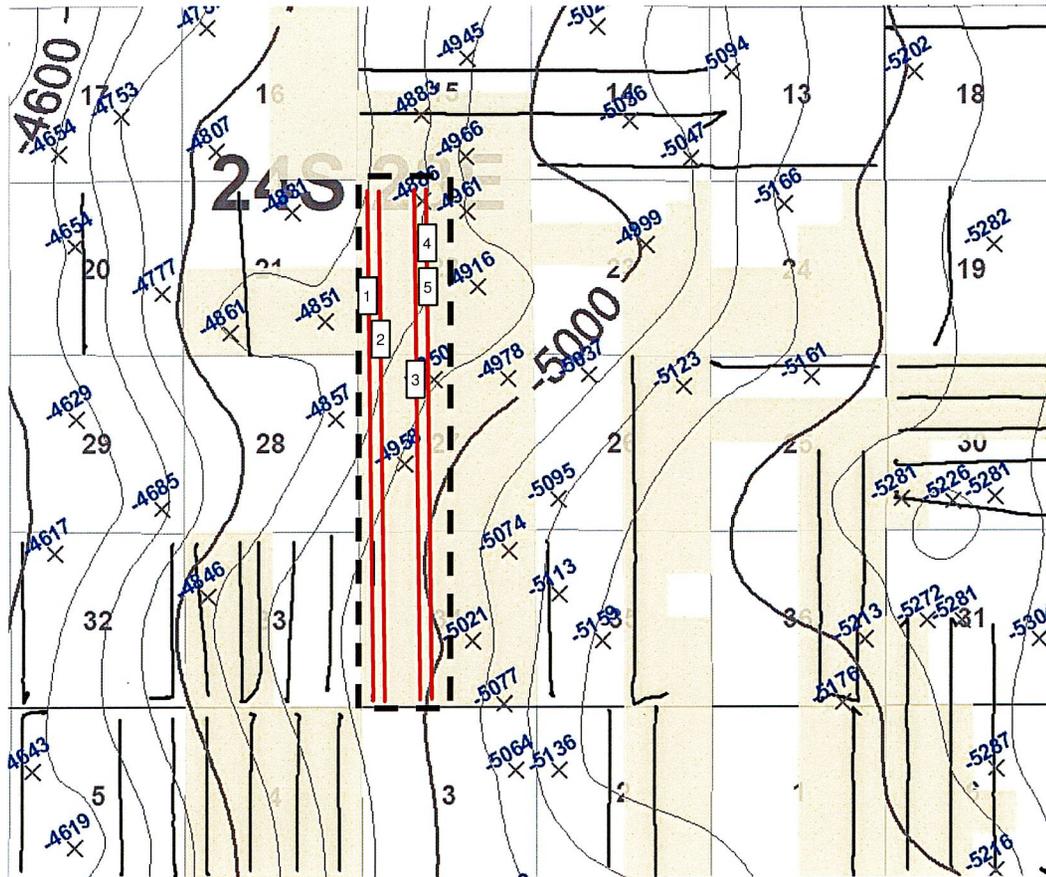
MRO Acreage Project Area

The First Bone Spring thickens towards the east and south across the project area.



# Hushpuppy Federal Com Unit

## Structure Map – Top of Second Bone Spring (TVDSS)



- 1 Hushpuppy BS Federal Com 301H
- 2 Hushpuppy BS Federal Com 551H
- 3 Hushpuppy BS Federal Com 501H
- 4 Hushpuppy BS Federal Com 302H
- 5 Hushpuppy BS Federal Com 552H

C.I. = 25'

1 mile

### Map Legend\*

- Proposed Wells
- Existing First Bone Spring wells



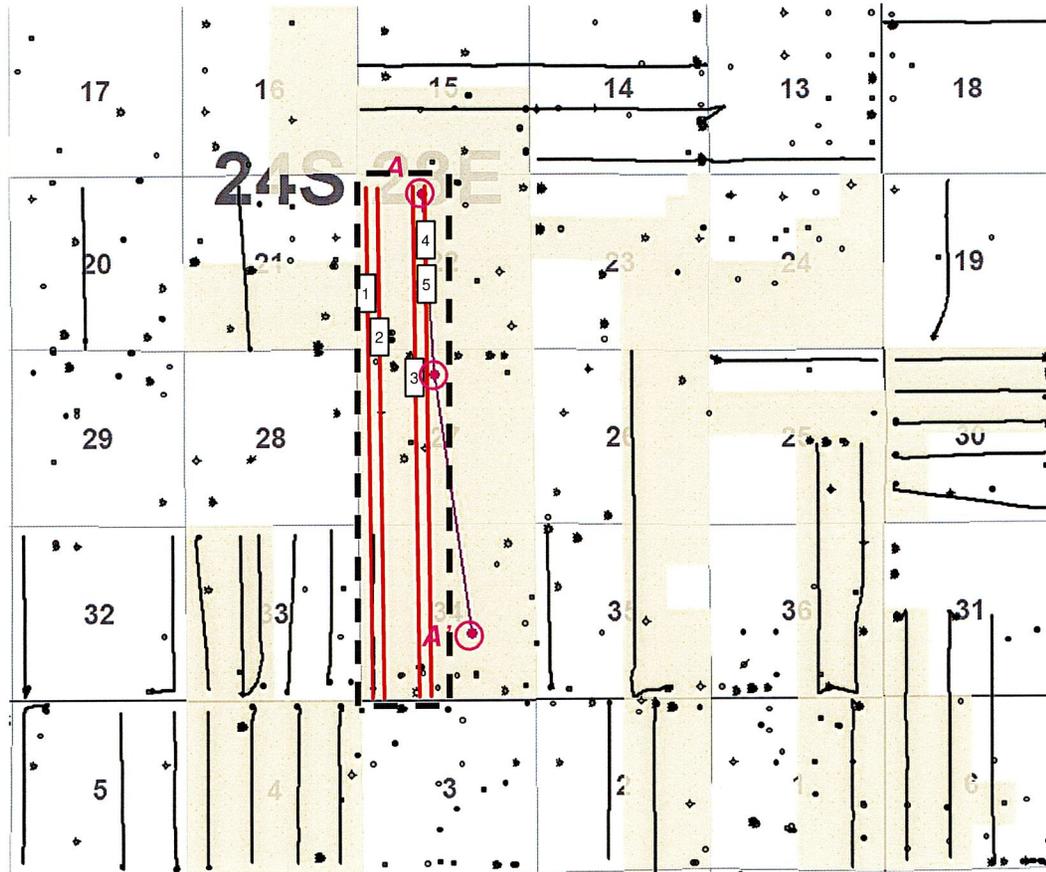
MRO Acreage Project Area

The top of the Second Bone Spring dips towards the east.



# Hushpuppy Federal Com Unit

## Reference Map for Cross Section



- 1 Hushpuppy BS Federal Com 301H
- 2 Hushpuppy BS Federal Com 551H
- 3 Hushpuppy BS Federal Com 501H
- 4 Hushpuppy BS Federal Com 302H
- 5 Hushpuppy BS Federal Com 552H

### Map Legend\*

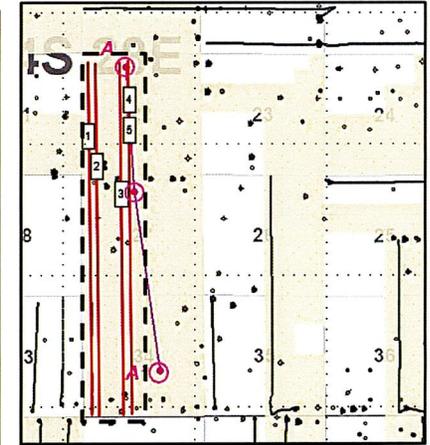
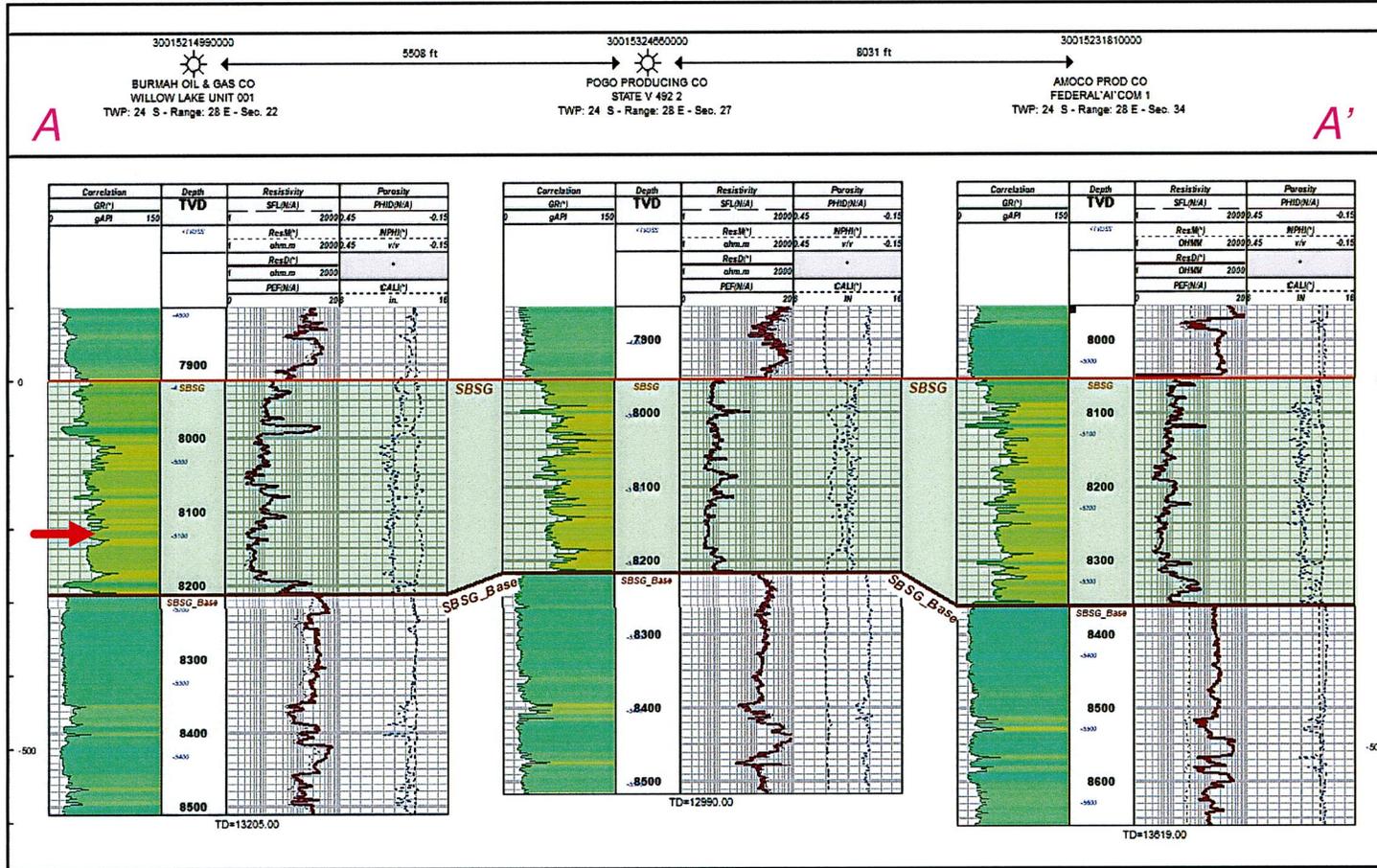
- Proposed Wells
- Existing Second Bone Spring wells
- MRO Acreage
- Project Area

1 mile



# Hushpuppy Federal Com Unit

## Stratigraphic Cross Section (Top Second Bone Spring Datum)

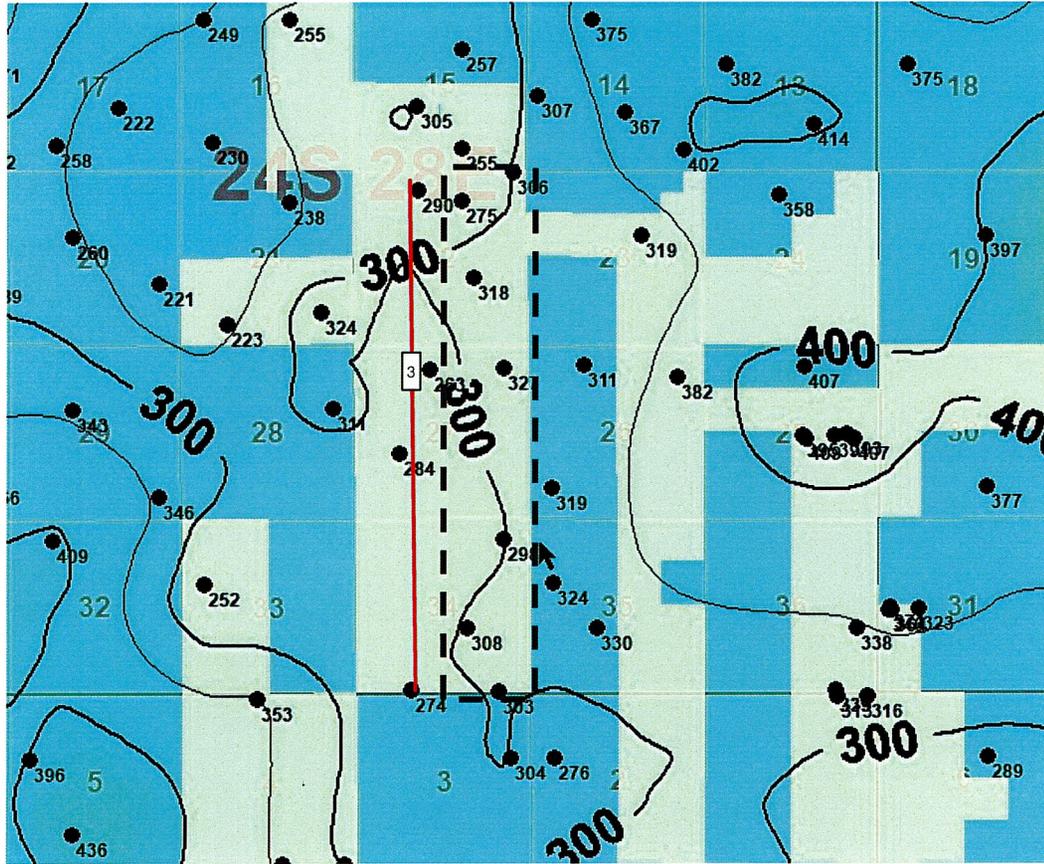


Producing Zone -  
Second Bone  
Spring

EXHIBIT  
C.9

# Hushpuppy Federal Com Unit

## Gross Interval Isochore- Top Second Bone Spring Sand to Base Second Bone Spring Sand



3 Hushpuppy BS Federal Com 501H

C.I. = 50'

1 mile

### Map Legend\*

Proposed Wells



MRO Acreage

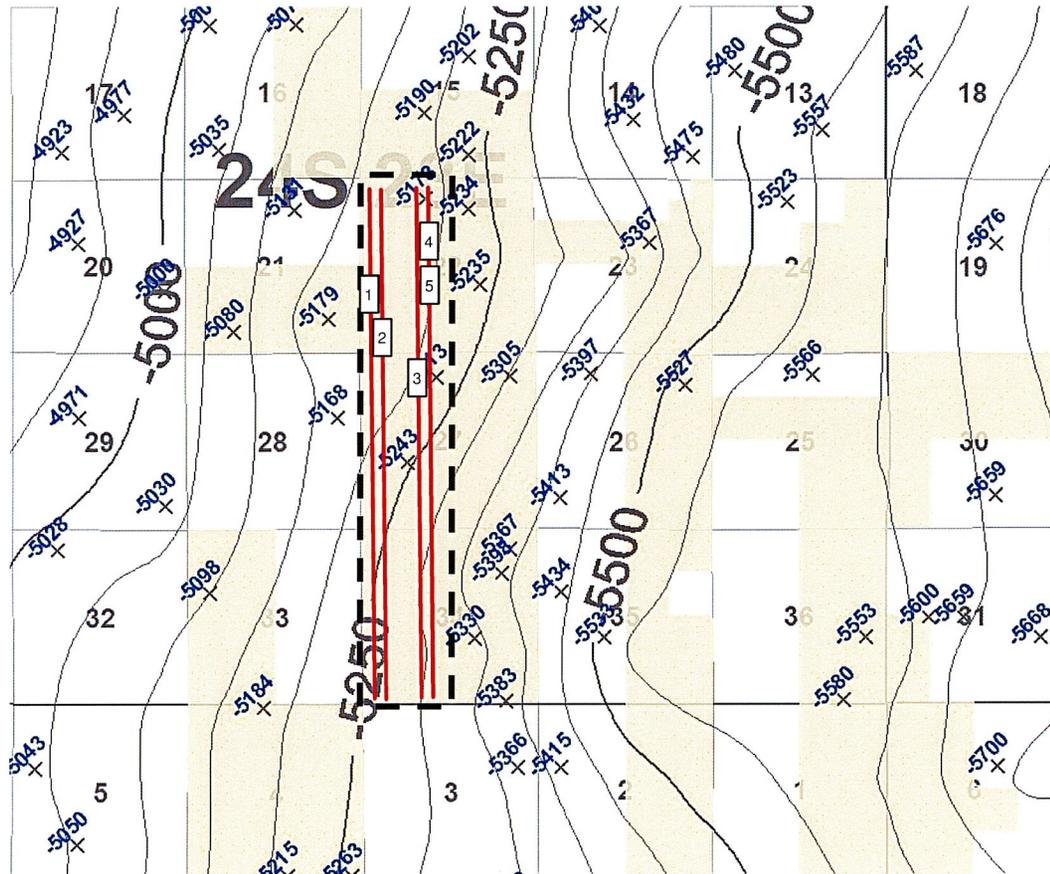


The Second Bone Spring has a consistent thickness across this project area.



# Hushpuppy Federal Com Unit

## Structure Map – Top of Third Bone Spring Carbonate (TVDSS)



- 1 Hushpuppy BS Federal Com 301H
- 2 Hushpuppy BS Federal Com 551H
- 3 Hushpuppy BS Federal Com 501H
- 4 Hushpuppy BS Federal Com 302H
- 5 Hushpuppy BS Federal Com 552H

### Map Legend\*

- Proposed Wells
- Existing First Bone Spring wells

C.I. = 25'

1 mile



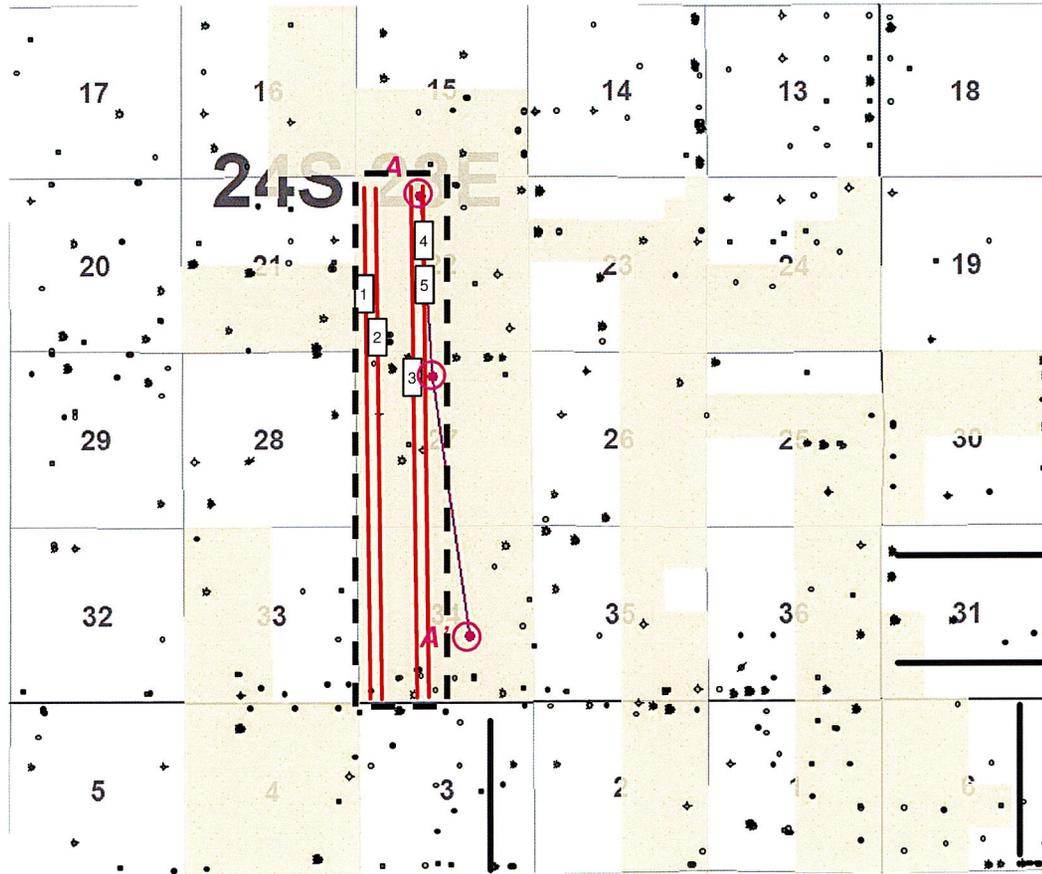
MRO Acreage Project Area

The top of the Third Bone Spring Carbonate dips towards the east.



# Hushpuppy Federal Com Unit

## Reference Map for Cross Section



- 1 Hushpuppy BS Federal Com 301H
- 2 Hushpuppy BS Federal Com 551H
- 3 Hushpuppy BS Federal Com 501H
- 4 Hushpuppy BS Federal Com 302H
- 5 Hushpuppy BS Federal Com 552H

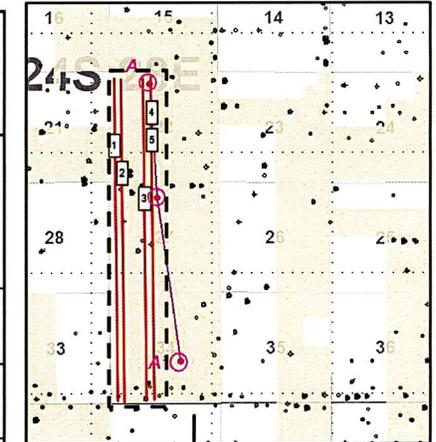
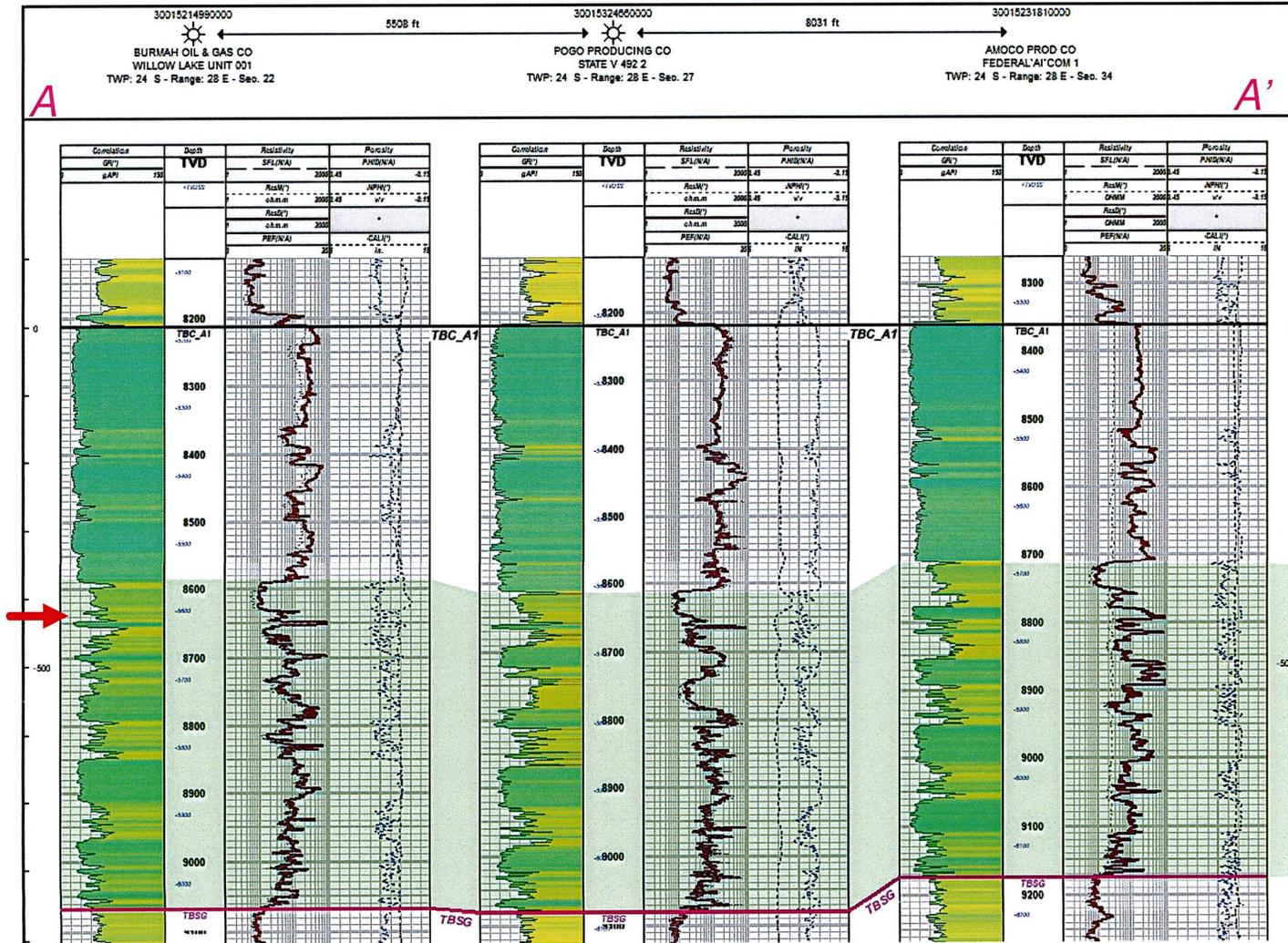
### Map Legend\*

- Proposed Wells
- Existing Third Bone Spring Carbonate wells
- MRO Acreage
- Project Area



# Hushpuppy Federal Com Unit

## Stratigraphic Cross Section (Top Third Bone Spring Carbonate Datum)



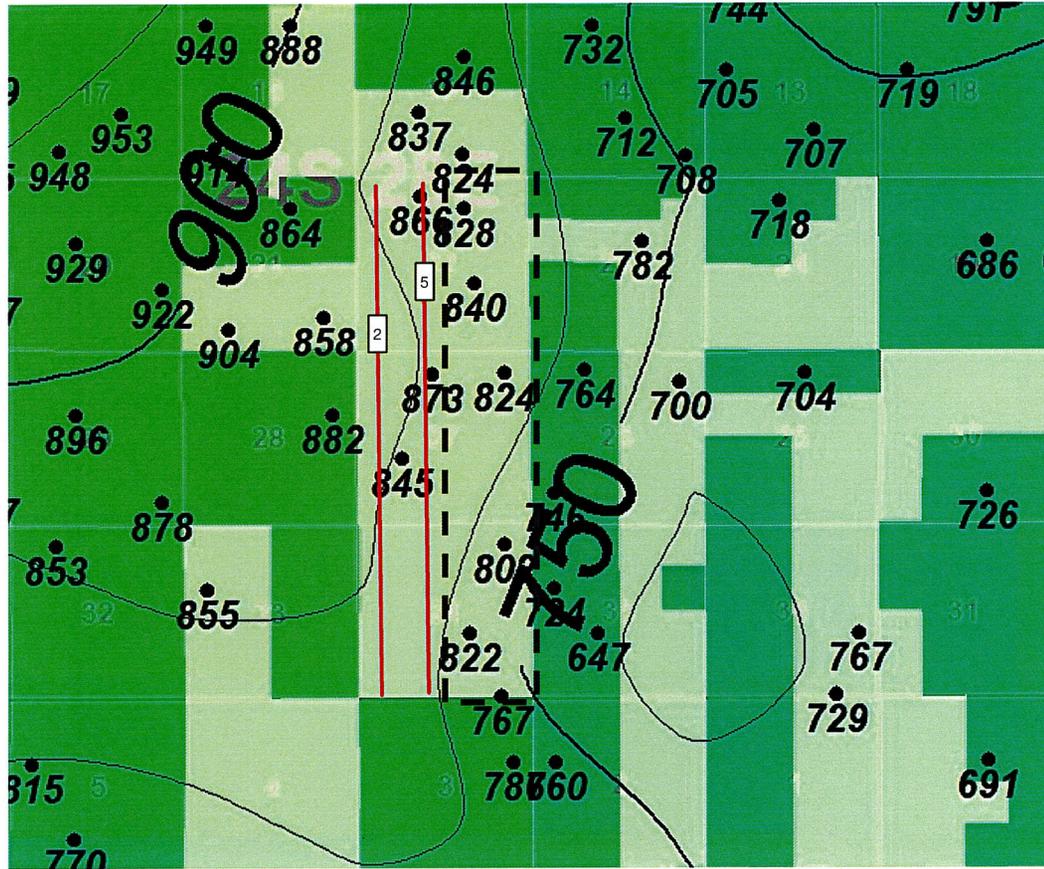
Producing Zone –  
Third Bone Spring  
Carbonate (Harkey  
Sands)

EXHIBIT  
C.13



# Hushpuppy Federal Com Unit

## Gross Interval Isochore- Top Third Bone Spring Carbonate to Top Third Bone Spring Sand



- 2 Hushpuppy BS Federal Com 551H
- 5 Hushpuppy BS Federal Com 552H

C.I. = 25'



### Map Legend\*

— Proposed Wells



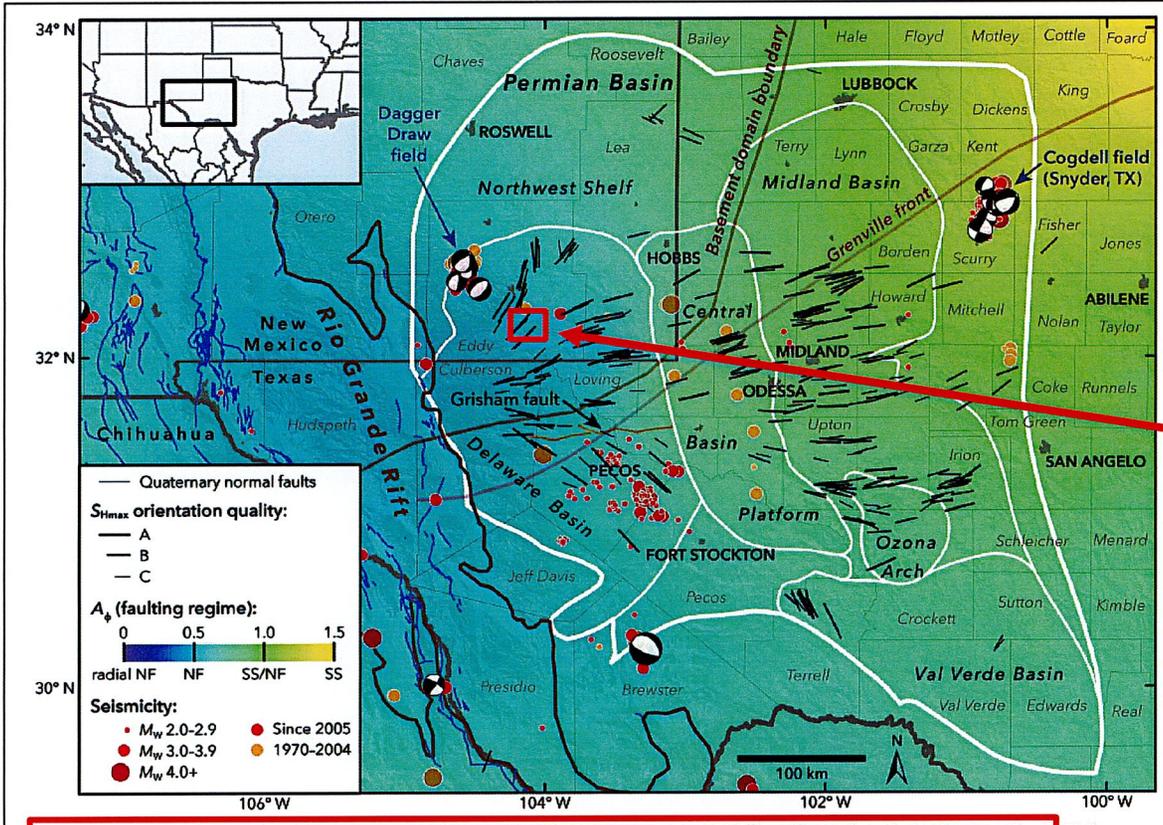
MRO Acreage Project Area

The Third Bone Spring Carbonate has a consistent thickness across this project area.



# Hushpuppy Federal Com Unit

## Preferred Well Orientation - SHmax



**Preferred well orientation is either N/S or E/W**

As outlined in Snee & Zoback (2018), SHmax is at approximately 45° in this part of Eddy County. As a result, hydraulic fractures will prefer to propagate outwards at 45° regardless if wells are oriented N/S or E/W.

**Figure 1.** State of stress in the Permian Basin, Texas and New Mexico. Black lines are the measured orientations of the maximum horizontal stress ( $S_{Hmax}$ ), with line length scaled by data quality. The colored background is an interpolation of measured relative principal stress magnitudes (faulting regime) expressed using the  $A_p$  parameter (see text for details) of Simpson (1997). Blue lines are fault traces known to have experienced normal-sense offset within the past 1.6 Ma, from the USGS Quaternary Faults and Folds Database (Crone and Wheeler, 2000). The boundary between the Shawnee and Mazatzal basement domains is from Lund et al. (2015), and the Precambrian Grenville Front is from Thomas (2006). The Permian Basin boundary is from the U.S. Energy Information Administration, and the subs basin boundaries are from the Texas Bureau of Economic Geology Permian Basin Geological Synthesis Project. Earthquakes are from the USGS National Earthquake Information Center, the TexNet Seismic Monitoring Program, and Gan and Frohlich (2013). Focal mechanisms are from Saint Louis University (Herrmann et al., 2011).

Source:

Snee, J.L. & M.D. Zoback, 2018, State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity: *The Leading Edge*, 810-819, <https://doi.org/10.1190/tle37020810.1>.



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

APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO

CASE NO. 24338

SELF-AFFIRMED DECLARATION OF DEANA M. BENNETT

Deana M. Bennett, attorney in fact and authorized representative of Marathon Oil Permian, LLC, the Applicant herein, declares as follows:

1) The above-referenced Application was provided under notice letter, dated March 14, 2024, attached hereto, labeled Exhibit D.1.

2) Exhibit D.2 is the mailing list, which show the notice letters were delivered to the USPS for mailing March 14, 2024.

3) Exhibit D.3 is the certified mailing tracking information, which is automatically compiled by CertifiedPro, the software Modrall uses to track the mailings. This spreadsheet shows the names and addresses of the parties to whom notice was sent and the status of the mailing.

4) Exhibit D.4 is the Affidavit of Publication from the Carlsbad Current Argus, confirming that notice of the April 4, 2024 hearing was published on March 19, 2024.

5) I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: April 1, 2024

*Deana M Bennett*

Deana M. Bennett





MODRALL SPERLING

LAWYERS

March 14, 2024

Deana M. Bennett  
505.848.1834  
dmb@modrall.com

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**Re: APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 24338**

TO: AFFECTED PARTIES

This letter is to advise you that Marathon Oil Permian, LLC (“Marathon”) has filed the enclosed application.

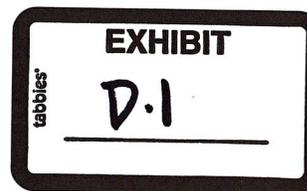
In Case No. 24338, Marathon seeks an order from the Division pooling all uncommitted mineral interests within a 960-acre, more or less, Bone Spring horizontal spacing unit underlying the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the **Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H** wells to be drilled with proposed first take points in the SW/4SW/4 (Unit M) of Section 34 and proposed last take points in the NW/4NW/4 (Unit D) of Section 22; and the **Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H** wells to be drilled with proposed first take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22. The wells will be drilled at orthodox locations. The completed interval for the **Hushpuppy BS Federal Com 501H** is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 1.6 miles south of Malaga, New Mexico.

Modrall Spierling  
Roehl Harris & Sisk P.A.

500 Fourth Street NW  
Suite 1000  
Albuquerque,  
New Mexico 87102

PO Box 2168  
Albuquerque,  
New Mexico 87103-2168

Tel: 505.848.1800  
www.modrall.com



Page 2

**The hearing is set for April 4, 2024 beginning at 8:15 a.m. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1<sup>st</sup> Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>.**

As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,



Deana M. Bennett

*Attorney for Applicant*

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

APPLICATION OF MARATHON OIL PERMIAN  
LLC FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.

CASE NO. 24338

APPLICATION

Marathon Oil Permian LLC (“Marathon”), OGRID Number 372098, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral interests within a standard 960-acre, more or less, Bone Spring horizontal spacing unit comprising the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. In support of this application, Marathon states as follows:

1. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
2. Marathon seeks to dedicate the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico to form a standard 960-acre, more or less, Bone Spring spacing unit.
3. Marathon plans to drill the following wells:
  - a. **Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H** wells to be drilled with proposed first take points in the SW/4SW/4 (Unit M) of Section 34 and proposed last take points in the NW/4NW/4 (Unit D) of Section 22; and
  - b. **Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H** wells to be drilled with proposed first

take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22.

4. The wells will be horizontally drilled, and the producing area for the wells is expected to be orthodox.

5. The completed interval for the **Hushpuppy BS Federal Com 501H** is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit under Rule 19.15.16.15(B)(1)(b) NMAC.

6. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division on April 4, 2024 and after notice and hearing as required by law, the Division enter its order:

A. Pooling all uncommitted interests in the Bone Spring formation underlying a horizontal spacing unit within the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico;

B. Designating Marathon as operator of this unit and the wells to be drilled thereon;

C. Authorizing Marathon to recover its costs of drilling, equipping and completing the wells;

D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS  
& SISK, P.A.

By:   
Deana M. Bennett  
Yarithza Peña  
Post Office Box 2168  
500 Fourth Street NW, Suite 1000  
Albuquerque, New Mexico 87103-2168  
Telephone: 505.848.1800  
deana.bennett@modrall.com  
yarithza.pena@modrall.com  
*Attorneys for Applicant*

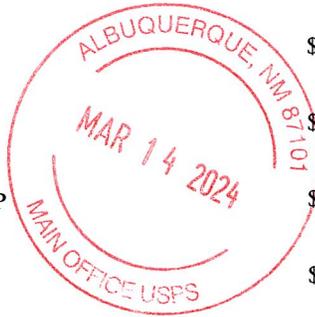
**CASE NO. 24338 : Application of Marathon Oil Permian LLC for compulsory pooling, Eddy County, New Mexico.** Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 960-acre, more or less, Bone Spring horizontal spacing unit underlying the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the **Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H** wells to be drilled with proposed first take points in the SW/4SW/4 (Unit M) of Section 34 and proposed last take points in the NW/4NW/4 (Unit D) of Section 22; and the **Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H** wells to be drilled with proposed first take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22. The wells will be drilled at orthodox locations. The completed interval for the **Hushpuppy BS Federal Com 501H** is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 1.6 miles south of Malaga, New Mexico.

Karlene Schuman  
Modrall Sperlberg Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

PS Form 3877  
Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262238

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0118 6106 07	Americawest Resources, LLC P.O. Box 3383 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
2	9314 8699 0430 0118 6106 14	Big Three Energy Group, LLC P.O. Box 429 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
3	9314 8699 0430 0118 6106 21	Boyd & McWilliams Energy Group, Inc. 550 W. Texas Avenue Suite 310 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
4	9314 8699 0430 0118 6106 38	Broughton Petroleum, Inc. 1225 North Loop West Suite 1055 Houston TX 77433	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
5	9314 8699 0430 0118 6106 45	C. Michael Brown d/b/a Bear Energy P.O. Box 417 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
6	9314 8699 0430 0118 6106 52	Chevron MidContinent, L.P. P.O. Box 6007 San Ramon CA 94583	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
7	9314 8699 0430 0118 6106 69	Chevron USA, Inc. 15 Smith Rd. Midland TX 79705	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
8	9314 8699 0430 0118 6106 76	Chevron USA, Inc. 6001 Bollinger Canyon Road San Ramon CA 94583	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
9	9314 8699 0430 0118 6106 83	CXA Oil & Gas Holdings, LP 6000 Legacy Drive Plano TX 75024	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
10	9314 8699 0430 0118 6106 90	Elizabeth Fijolek 3720 Potomac Avenue Dallas TX 75205	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
11	9314 8699 0430 0118 6107 06	Excess Energy, LLC 1150 N. Kimball Avenue Suite 100 Southlake TX 76092	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
12	9314 8699 0430 0118 6107 13	Exxon Mobil Corporation 22777 Springwoods Village Parkway Spring TX 77389	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
13	9314 8699 0430 0118 6107 20	Featherstone Development Corporation P.O. Box 429 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
14	9314 8699 0430 0118 6107 37	Foran Oil Company 5400 LBJ Freeway Suite 1500 Dallas TX 75240	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp



Karlene Schuman  
Modrall Sperling Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

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03/14/2024

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
15	9314 8699 0430 0118 6107 44	Hanley Petroleum, Inc. 415 W. Wall Street # 1500 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
16	9314 8699 0430 0118 6107 51	J. Cleo Thompson & James Thompson ATTN: S. Hooser 325 N. St. Paul Street Suite 4300 Dallas TX 75201	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
17	9314 8699 0430 0118 6107 68	J. M. Beique 23711 Banning Point Court Katy TX 77494	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
18	9314 8699 0430 0118 6107 75	Janet R. Hanson, Domiciliary Foreign Personal Rep of Estate of Eric K. Hanson, deceased 2300 N. L Street Midland TX 79705	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
19	9314 8699 0430 0118 6107 82	LHAH Properties, LLC 250 Jungle Road Palm Beach FL 33480	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
20	9314 8699 0430 0118 6107 99	Magnum-Hunter Production, Inc. 600 N. Marienfeld Suite 600 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
21	9314 8699 0430 0118 6108 05	Mizel Resources, a Trust 4350 S. Monaco Street 5th Floor Denver CO 80237	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
22	9314 8699 0430 0118 6108 12	MRC Permian Company 5400 LBJ Freeway Dallas TX 75240	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
23	9314 8699 0430 0118 6108 29	Nancy Goldberg 23 Ash Bluff Lane Dallas TX 75248	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
24	9314 8699 0430 0118 6108 36	OXY USA, Inc. 5 E. Greenway Plaza Houston TX 77046	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
25	9314 8699 0430 0118 6108 43	Prospector, LLC P.O. Box 429 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
26	9314 8699 0430 0118 6108 50	RKC, Inc. 7500 Arapahoe Road Suite 380 Centennial CO 80112	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
27	9314 8699 0430 0118 6108 67	Roy E. Guinnup 2812-A Wayside Avenue Fort Worth TX 76110	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



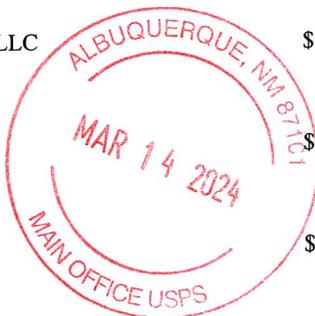
Karlene Schuman  
Modrall Sperlberg Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

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28	9314 8699 0430 0118 6108 74	Roy G. Barton Jr., whose wife is Claudia Barton 1919 Turner Street Hobbs NM 88240	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
29	9314 8699 0430 0118 6108 81	S K Warren Resources, LLC P.O. Box 470372 Tulsa OK 74147	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
30	9314 8699 0430 0118 6108 98	Saundra Richards Adams 23203 Verona View Lane Katy TX 77493	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
31	9314 8699 0430 0118 6109 04	Sisbro Oil & Gas, LLC 4350 S. Monaco Street 5th Floor Denver CO 80237	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
32	9314 8699 0430 0118 6109 11	TBO Oil & Gas, LLC P.O. Box 10502 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
33	9314 8699 0430 0118 6109 28	Triple T. Resources, L.P. 4809 Cole Avenue Suite 347 Dallas TX 75205	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
34	9314 8699 0430 0118 6109 35	Wells Fargo Bank, Nat. Assoc. Trustee of Robert Enfield Irrev. Trust B 201 Main Street Suite 400 Fort Worth TX 76102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
35	9314 8699 0430 0118 6109 42	WPX Energy Permian, LLC 3500 One Williams Center Tulsa OK 74172	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
36	9314 8699 0430 0118 6109 59	LJA Charitable Investments, LLC 850 New Burton Road Suite 201 Dover DE 19904	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
37	9314 8699 0430 0118 6109 66	Santa Elena Minerals IV, LP 400 W. Illinois Avenue Suite 1300 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
38	9314 8699 0430 0118 6109 73	Zunis Energy, LLC 15 E. 5th Street Suite 3300 Tulsa OK 74103	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
39	9314 8699 0430 0118 6109 80	Penasco Petroleum LLC P.O. Box 2992 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
40	9314 8699 0430 0118 6109 97	Rolla R. Hinkle III P.O. Box 2292 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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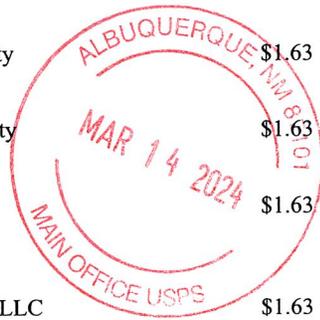
Karlene Schuman  
Modrall Sperling Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262238

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
41	9314 8699 0430 0118 6110 00	Justin T. Crum 411 N. Union Roswell NM 88201	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
42	9314 8699 0430 0118 6110 17	Warren American Oil Company 6585 S. Yale Avenue Tulsa OK 74136	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
43	9314 8699 0430 0118 6110 24	Susannah D. Adelson, Trustee of the James Adelson & Family Trusts 15 E. 5th Street Suite 3300 Tulsa OK 74103	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
44	9314 8699 0430 0118 6110 31	Duer Wagner, III & Genevieve Roberts, Co-Trustees Wagner Fam Trust 2525 N. Pearl Street Suite 1903 Dallas TX 75201	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
45	9314 8699 0430 0118 6110 48	911 Oil & Gas LLC 6500 West Freeway Suite 222 Fort Worth TX 76185	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
46	9314 8699 0430 0118 6110 55	OTSS Investments LLC 6500 West Freeway Suite 222 Fort Worth TX 76185	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
47	9314 8699 0430 0118 6110 62	Una Oreja LLC P.O. Box 101265 Fort Worth TX 76185	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
48	9314 8699 0430 0118 6110 79	Griffin Petroleum Company 2800 N. Big Spring Street Midland TX 79705	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
49	9314 8699 0430 0118 6110 86	Robert S. Lee P.O. Box 10523 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
50	9314 8699 0430 0118 6110 93	Gene Shumate, as separate property P.O. Box 2743 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
51	9314 8699 0430 0118 6111 09	Carol Shumate, as separate property P.O. Box 2743 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
52	9314 8699 0430 0118 6111 16	Isramco Resources, LLC 2425 West Loop South Suite 810 Houston TX 77027	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
53	9314 8699 0430 0118 6111 23	Williamson Oil & Gas Company, LLC 303 Veteran's Airpark Lane Suite 1100 Midland TX 79705	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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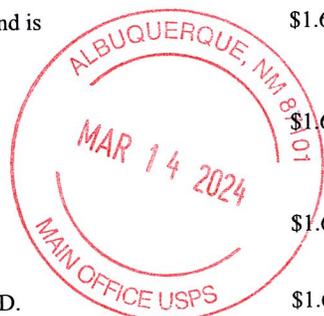
Karlene Schuman  
Modrall Spering Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262238

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
54	9314 8699 0430 0118 6111 30	Dolores McCall, a single woman P.O. Box 931 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
55	9314 8699 0430 0118 6111 47	G.K. Partners 401 E. 74th Street # 18H New York NY 10021	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
56	9314 8699 0430 0118 6111 54	MTX Interests LP 800 N. Marienfeld Street Suite 100 Midland TX 79701	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
57	9314 8699 0430 0118 6111 61	M.D. Abel. Co. P.O. Box 949 Lampasas TX 76550	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
58	9314 8699 0430 0118 6111 78	Bishop-Windham Family Limited Partnership P.O. Box 2698 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
59	9314 8699 0430 0118 6111 85	Scott T. Peterson, whose wife is Billie Peterson P.O. Box 1112 Midland TX 79702	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
60	9314 8699 0430 0118 6111 92	Doroil Corporation 1637 Prairie Mark Lane Houston TX 77077	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
61	9314 8699 0430 0118 6112 08	Donald E. Hockaday III, Trustee of the Dorothy Hockaday Trust 11607 Noblewood Crest Lane Houston TX 77082	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
62	9314 8699 0430 0118 6112 15	Christa Hinojosa, whose husband is Antonio Hinojosa 1443 Scenic Ridge Houston TX 77043	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
63	9314 8699 0430 0118 6112 22	Chisos Minerals, LLC 2821 W. 7th Street Suite 500 Fort Worth TX 76107	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
64	9314 8699 0430 0118 6112 39	Axis Energy Corporation P.O. Box 219303 Houston TX 77218	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
65	9314 8699 0430 0118 6112 46	Fasken Land and Minerals, LTD. 6101 Holiday Hill Road Midland TX 79707	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
66	9314 8699 0430 0118 6112 53	MAP00-NET James L. Williams IV agent 318 St. Charles Street Baton Rouge LA 70802	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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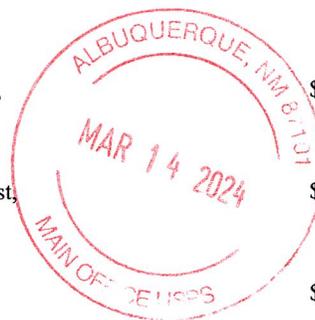
Karlene Schuman  
Modrall Sperling Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262238

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
67	9314 8699 0430 0118 6112 60	CCB 1998 Trust, Ben J. Fortson, Jr. Trustee P.O. Box 1260 Fort Worth TX 76101	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
68	9314 8699 0430 0118 6112 77	Kimbell Art Foundation KRP Isles Management, LLC, Agent, Dept. 0650 P.O. Box 59000 Lafayette LA 70505	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
69	9314 8699 0430 0118 6112 84	Bill Burton 301 Commerce Street Suite 3301 Fort Worth TX 76102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
70	9314 8699 0430 0118 6112 91	Ben J. Fortson Children's Trust, Ben J. Fortson III, Trustee 301 Commerce Street Suite 3301 Fort Worth TX 76102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
71	9314 8699 0430 0118 6113 07	Robert C. Grable 201 Main Street Suite 2500 Fort Worth TX 76102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
72	9314 8699 0430 0118 6113 14	MWB 1998 Trust, Ben J. Fortson, Jr., Trustee P.O. Box 1260 Fort Worth TX 76102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
73	9314 8699 0430 0118 6113 21	DCB 1998 Trust, Ben J. Fortson, Jr., Trustee P.O. Box 1260 Fort Worth TX 76101	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
74	9314 8699 0430 0118 6113 38	The Roach Foundation 100 Throckmorton Street Suite 480 Fort Worth TX 76102	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
75	9314 8699 0430 0118 6113 45	Mark Bertram Murphy Trust, Mark B. Murphy, Trustee P.O. Box 2484 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
76	9314 8699 0430 0118 6113 52	Laura Elizabeth Murphy Trust, Mark B. Murphy, Trustee P.O. Box 2484 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
77	9314 8699 0430 0118 6113 69	Matthew Bert Murphy Trust, Matthew Murphy, Trustee 7 Victoria Court Roswell NM 88201	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
78	9314 8699 0430 0118 6113 76	Ann Murphy Daily Trust, Ann Daily, Trustee P.O. Box 2648 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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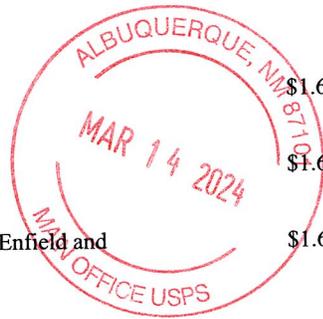
Karlene Schuman  
Modrall Sperling Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
03/14/2024

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
79	9314 8699 0430 0118 6113 83	Mid-Continent Energy, Inc. 100 W. 5th Street Suite 450 Tulsa OK 74103	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
80	9314 8699 0430 0118 6113 90	Cathleen Ann Adams, Trustee Cathleen Ann Adams Revocable Trust P.O. Box 45807 Rio Rancho NM 87174	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
81	9314 8699 0430 0118 6114 06	Susan Arrott a.k.a. Susan Carol Arrott, Trustee of Arrott Family Rev Trust P.O. Box 95074 North Little Rock AR 95074	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
82	9314 8699 0430 0118 6114 13	Howard A. Rubin, Inc. P.O. Box 58 El Rito NM 87530	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
83	9314 8699 0430 0118 6114 20	Rubie Crosby Bell Family LLC 213 20th Street New Orleans LA 70124	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
84	9314 8699 0430 0118 6114 37	Bryan Bell Family LLC 213 20th Street New Orleans LA 70124	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
85	9314 8699 0430 0118 6114 44	AGS Oil & Gas Holdings, Inc. 10 Inverness Drive East Suite 155 Englewood CO 80112	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
86	9314 8699 0430 0118 6114 51	AGS Oil & Gas Holdings #2, Inc. 10 Inverness Drive East Suite 155 Englewood CO 80112	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
87	9314 8699 0430 0118 6114 68	Sydran, L.P. P.O. Box 940549 Houston TX 77094	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
88	9314 8699 0430 0118 6114 75	Rialto Production Co. P.O. Box 981028 Houston TX 77098	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
89	9314 8699 0430 0118 6114 82	Lisa M. Enfield Trust, Lisa M. Enfield and Trustee under Agreement 465 Camino Manzano Santa Fe NM 87505	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
90	9314 8699 0430 0118 6114 99	MLE, LLC 612 Old Santa Fe Trail Santa Fe NM 87505	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
91	9314 8699 0430 0118 6115 05	Childress Royalty Company P.O. Box 266 Joplin MO 64802	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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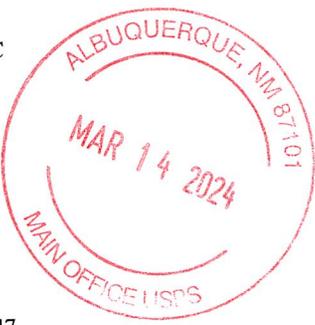
Karlene Schuman  
Modrall Sperling Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262238

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
92	9314 8699 0430 0118 6115 12	A.L. Peters and wife, Billie Peters 8740 Cornell Avenue Odessa TX 79765	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
93	9314 8699 0430 0118 6115 29	Black Stone Minerals Company, L.P. 1001 Fanin Suite 2020 Houston TX 77002	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
94	9314 8699 0430 0118 6115 36	Matagorda B1, L.P Sentinel Trust Co., LBA 2001 Kirby Drive Suite 1200 Houston TX 77019	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
95	9314 8699 0430 0118 6115 43	Triple T. Resources, L.P. 4809 Cole Avenue Suite 347 Dallas TX 75205	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
96	9314 8699 0430 0118 6115 50	Dorchester Minerals, L.P. 3838 Oak Lawn Avenue Suite 300 Dallas TX 75219	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
97	9314 8699 0430 0118 6115 67	TD Minerals LLC 8111 Westchester Drive Suite 900 Dallas TX 75225	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
98	9314 8699 0430 0118 6115 74	Pegasus Resources II, LLC P.O. Box 470698 Fort Worth TX 76147	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
99	9314 8699 0430 0118 6115 81	Marcia Szczesny 5913 Sand Hill Circle The Colony TX 75056	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
100	9314 8699 0430 0118 6115 98	Marie Szczesny 1212 Logan Trail Lucas TX 75002	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
101	9314 8699 0430 0118 6116 04	Michael F. Szczesny 10 Falkirk Road Hawthorn Woods IL 60047	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
102	9314 8699 0430 0118 6116 11	Mark Szczesny 518 Old McHenry Road Hawthorn Woods IL 60047	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
103	9314 8699 0430 0118 6116 28	Chad Barbe P.O. Box 2017 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
104	9314 8699 0430 0118 6116 35	Blaine Hess P.O. Box 326 Roswell NM 88202	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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500 Fourth Street, Suite 1000  
Albuquerque NM 87102

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Type of Mailing: CERTIFIED MAIL  
03/14/2024

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
105	9314 8699 0430 0118 6116 42	SMP Sidecar Titan Mineral Holdings, LP 4143 Maple Avenue Suite 500 Dallas TX 75219	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
106	9314 8699 0430 0118 6116 59	SMP Titan Mineral Holdings, LP 4143 Maple Avenue Suite 500 Dallas TX 75219	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
107	9314 8699 0430 0118 6116 66	MSH Family Real Estate Partnership II, LLC 4143 Maple Avenue Suite 500 Dallas TX 75219	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
108	9314 8699 0430 0118 6116 73	SMP Titan Flex, LP 4143 Maple Avenue Suite 500 Dallas TX 75219	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
109	9314 8699 0430 0118 6116 80	Pegasus Resources, LLC P.O. Box 470698 Fort Worth TX 76147	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
110	9314 8699 0430 0118 6116 97	Pogo Producing Company, LLC 5 Greenway Plaza Suite 2700 Houston TX 77046	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
111	9314 8699 0430 0118 6117 03	Gwen G. Armstrong 4207 Lynbrook Avenue Odessa TX 77069	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
112	9314 8699 0430 0118 6117 10	David Hanger & Rita Hanger Revocable Trust 440 Independence Parkway Apt. 3102 Plano TX 75075	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
113	9314 8699 0430 0118 6117 27	Grover D. Smith 13714 Chelwood Place Houston TX 77069	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
114	9314 8699 0430 0118 6117 34	Whilden Trustee No. 1 c/o Baker Botts 910 Louisiana Houston TX 77002	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
115	9314 8699 0430 0118 6117 41	Bo Digby 1414 Shafter Avenue Odessa TX 79761	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
116	9314 8699 0430 0118 6117 58	Transatlantic Petroleum Corp. 41 Schermerhorn Street Suite 323 Brooklyn NM 11201	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice
117	9314 8699 0430 0118 6117 65	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp Notice



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500 Fourth Street, Suite 1000  
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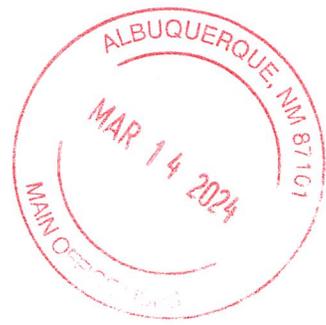
Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262238

Received by OCD: 4/1/2024 4:04:48 PM

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
			Totals:	\$190.71	\$514.80	\$271.44	\$0.00
			Grand Total:		\$976.95		

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117			



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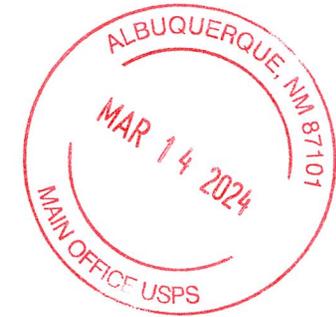
Karlene Schuman  
Modrall Sperling Roehl Harris & Sisk P.A.  
500 Fourth Street, Suite 1000  
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
03/14/2024

Firm Mailing Book ID: 262268

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0118 6405 81	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$1.63	\$4.40	\$2.32	\$0.00	81363.0236hushp
<b>Totals:</b>			<b>\$1.63</b>	<b>\$4.40</b>	<b>\$2.32</b>	<b>\$0.00</b>	
<b>Grand Total:</b>						<b>\$8.35</b>	
<b>List Number of Pieces Listed by Sender</b>	<b>Total Number of Pieces Received at Post Office</b>	<b>Postmaster: Name of receiving employee</b>	<b>Dated:</b>				
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Generated: 4/1/2024 7:55:51 AM

USPS Article Number	Date Created	Reference Number	Name 1	Name 2	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
931486990430011861765	2024-03-14 11:00 AM	81363.0236thshp	United States of America	Bureau of Land Management	Santa Fe	NM	87508	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:19 AM
931486990430011861758	2024-03-14 11:00 AM	81363.0236thshp	TransAlantic Petroleum Corp.		Brooklyn	NM	11201	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861759	2024-03-14 11:00 AM	81363.0236thshp	Big Dog		Oakton	TX	79711	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:26 AM
931486990430011861734	2024-03-14 11:00 AM	81363.0236thshp	Whidder Trustee No. 1	c/o Baker Bots	Houston	TX	77002	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 12:10 PM
931486990430011861727	2024-03-14 11:00 AM	81363.0236thshp	Grover D. Smith		Houston	TX	77069	To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861710	2024-03-14 11:00 AM	81363.0236thshp	David Hanger & Rita Hanger Revocable Trust		Plano	TX	75075	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 15:46 PM
931486990430011861703	2024-03-14 11:00 AM	81363.0236thshp	Gwen G. Armstrong		Odessa	TX	77069	Undelivered - To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861697	2024-03-14 11:00 AM	81363.0236thshp	Popo Production Company, LLC		Houston	TX	77046	Delivered	Return Receipt: Electronic, Certified Mail	
931486990430011861688	2024-03-14 11:00 AM	81363.0236thshp	Popo Resources, LLC		Fort Worth	TX	76147	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 15:57 AM
931486990430011861673	2024-03-14 11:00 AM	81363.0236thshp	SMP Titan Flex, LP		Dallas	TX	75219	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:25 AM
931486990430011861666	2024-03-14 11:00 AM	81363.0236thshp	MSH Family Real Estate Partnership II, LLC		Dallas	TX	75219	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:25 AM
931486990430011861659	2024-03-14 11:00 AM	81363.0236thshp	SMP Titan Mineral Holdings, LP		Dallas	TX	75219	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:25 AM
931486990430011861642	2024-03-14 11:00 AM	81363.0236thshp	SMP Sieder Titan Mineral Holdings, LP		Dallas	TX	75219	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:25 AM
931486990430011861635	2024-03-14 11:00 AM	81363.0236thshp	Blaine Hess		Roswell	NM	88202	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:21 AM
931486990430011861628	2024-03-14 11:00 AM	81363.0236thshp	Chad Barbe		Roswell	NM	88202	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:34 AM
931486990430011861611	2024-03-14 11:00 AM	81363.0236thshp	Mark Sezesny		Hawthorn Woods	IL	60047	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:33 PM
931486990430011861604	2024-03-14 11:00 AM	81363.0236thshp	Michael F. Sezesny		Hawthorn Woods	IL	60047	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:55 PM
931486990430011861598	2024-03-14 11:00 AM	81363.0236thshp	Marie Sezesny		Lucas	TX	75002	To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861581	2024-03-14 11:00 AM	81363.0236thshp	Marica Sezesny		The Colony	TX	75056	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 5:47 PM
931486990430011861574	2024-03-14 11:00 AM	81363.0236thshp	Pejabat Resources III, LLC		Fort Worth	TX	76147	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 12:47 PM
931486990430011861567	2024-03-14 11:00 AM	81363.0236thshp	TD Minerals LLC		Dallas	TX	75225	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-22 10:37 AM
931486990430011861550	2024-03-14 11:00 AM	81363.0236thshp	Dorchester Minerals, L.P.		Dallas	TX	75219	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861543	2024-03-14 11:00 AM	81363.0236thshp	Triplet Resources, L.P.		Dallas	TX	75205	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-21 1:31 PM
931486990430011861536	2024-03-14 11:00 AM	81363.0236thshp	Matagorda B1, L.P.	Sentinel Trust Co., LBA	Houston	TX	77019	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:22 PM
931486990430011861529	2024-03-14 11:00 AM	81363.0236thshp	Black Stone Minerals Company, L.P.		Fort Worth	TX	77002	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:25 AM
931486990430011861515	2024-03-14 11:00 AM	81363.0236thshp	A.L. Peters and wife, Billie Peters		Odessa	TX	79755	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 3:28 PM
931486990430011861505	2024-03-14 11:00 AM	81363.0236thshp	Childress Royalty Company		Joplin	MO	64802	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861499	2024-03-14 11:00 AM	81363.0236thshp	M.L. LLC		Santa Fe	NM	87505	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:06 AM
931486990430011861482	2024-03-14 11:00 AM	81363.0236thshp	Lisa M. Enfield Trust, Lisa M. Enfield and	Trustee under Agreement	Santa Fe	NM	87505	Undelivered - To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861475	2024-03-14 11:00 AM	81363.0236thshp	Ruth Production Co.		Houston	TX	77098	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861468	2024-03-14 11:00 AM	81363.0236thshp	Sydney L. Rubin, Inc.		Houston	TX	77094	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-25 12:04 PM
931486990430011861451	2024-03-14 11:00 AM	81363.0236thshp	AGS Oil & Gas Holdings #2, Inc.		Englewood	CO	80112	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 4:36 PM
931486990430011861444	2024-03-14 11:00 AM	81363.0236thshp	AGS Oil & Gas Holdings, Inc.		Englewood	CO	80112	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 4:36 PM
931486990430011861437	2024-03-14 11:00 AM	81363.0236thshp	Bryan Bell Family LLC		New Orleans	LA	70124	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861420	2024-03-14 11:00 AM	81363.0236thshp	Rubie Crosby Bell Family LLC		New Orleans	LA	70124	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861413	2024-03-14 11:00 AM	81363.0236thshp	Susan Arrott a.k.a. Susan Carol Arrott	Trustee of Arrott Family Rev Trust	North Little Rock	AR	95074	Undelivered - To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861406	2024-03-14 11:00 AM	81363.0236thshp	Cathleen Ann Adams, Trustee Catherine Ann	Adams Revocable Trust	Rio Rancho	NM	87174	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-26 1:04 PM
931486990430011861383	2024-03-14 11:00 AM	81363.0236thshp	Mid Continent Energy, Inc.		Tulsa	OK	74103	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-25 3:22 AM
931486990430011861376	2024-03-14 11:00 AM	81363.0236thshp	Ann Murphy Daily Trust	Ann Murphy, Trustee	Roswell	NM	88202	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-19 10:59 AM
931486990430011861369	2024-03-14 11:00 AM	81363.0236thshp	Matthew Bert Murphy Trust	Matthew Bert Murphy, Trustee	Roswell	NM	88201	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-21 1:58 PM
931486990430011861362	2024-03-14 11:00 AM	81363.0236thshp	Mark B. Murphy Trust	Mark B. Murphy, Trustee	Roswell	NM	88202	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:54 AM
931486990430011861345	2024-03-14 11:00 AM	81363.0236thshp	Mark Bertram Murphy Trust	Mark B. Murphy, Trustee	Roswell	NM	88202	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:54 AM
931486990430011861338	2024-03-14 11:00 AM	81363.0236thshp	The Roach Foundation		Fort Worth	TX	76102	Undelivered - To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861321	2024-03-14 11:00 AM	81363.0236thshp	DC3 1998 Trust, Ben J. Fortson, Jr., Trustee		Fort Worth	TX	76101	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-19 7:22 AM
931486990430011861314	2024-03-14 11:00 AM	81363.0236thshp	MWB 1998 Trust, Ben J. Fortson, Jr., Trustee		Fort Worth	TX	76102	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-19 7:22 AM
931486990430011861307	2024-03-14 11:00 AM	81363.0236thshp	Dalavis "Dubie", Inc.		Fort Worth	TX	76102	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:06 AM
931486990430011861291	2024-03-14 11:00 AM	81363.0236thshp	Ben J. Fortson Children's Trust	Ben J. Fortson III, Trustee	Fort Worth	TX	76102	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861284	2024-03-14 11:00 AM	81363.0236thshp	Bill Burton		Fort Worth	TX	76102	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861277	2024-03-14 11:00 AM	81363.0236thshp	Kimbell Art Foundation	KRP Isles Management, LLC, Agent, Dept: 0550	Lafayette	LA	70505	Returned to Sender	Return Receipt: Electronic, Certified Mail	2024-03-27 9:47 AM
931486990430011861270	2024-03-14 11:00 AM	81363.0236thshp	CC3 1998 Trust, Ben J. Fortson, Jr. Trustee		Fort Worth	TX	76101	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-19 7:22 AM
931486990430011861253	2024-03-14 11:00 AM	81363.0236thshp	MAPDO-NET	James L. Williams IV agent	Baton Rouge	LA	70802	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:31 AM
931486990430011861246	2024-03-14 11:00 AM	81363.0236thshp	Takem Land and Minerals, LTD.		Midland	TX	79707	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 11:09 AM
931486990430011861239	2024-03-14 11:00 AM	81363.0236thshp	Axis Energy Corporation		Houston	TX	77218	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861222	2024-03-14 11:00 AM	81363.0236thshp	Chiss Minerals, LLC		Fort Worth	TX	76107	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 3:19 PM
931486990430011861215	2024-03-14 11:00 AM	81363.0236thshp	Christa Hinojosa, whose husband is	Antonio Hinojosa	Houston	TX	77043	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 5:17 PM
931486990430011861208	2024-03-14 11:00 AM	81363.0236thshp	Donald E. Hockaday III, Trustee of the	Dorothy Hockaday Trust	Houston	TX	77082	Delivered	Return Receipt: Electronic, Certified Mail	
931486990430011861191	2024-03-14 11:00 AM	81363.0236thshp	Chirita Corporation		Houston	TX	77027	Delivered	Return Receipt: Electronic, Certified Mail	
931486990430011861185	2024-03-14 11:00 AM	81363.0236thshp	Scott T. Peterson, whose wife is Billie Peterson		Midland	TX	79702	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-19 12:52 PM
931486990430011861178	2024-03-14 11:00 AM	81363.0236thshp	Bishop Windham Family Limited Partnership		Midland	TX	79702	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-20 4:58 PM
931486990430011861161	2024-03-14 11:00 AM	81363.0236thshp	M.D. Abel. Co.		Lampasas	TX	76550	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:35 AM
931486990430011861154	2024-03-14 11:00 AM	81363.0236thshp	MTX Interests LP		Midland	TX	79701	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 10:54 AM
931486990430011861147	2024-03-14 11:00 AM	81363.0236thshp	G.K. Partners		New York	NY	10021	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-21 2:38 PM
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931486990430011861116	2024-03-14 11:00 AM	81363.0236thshp	Isralom Resources, LLC		Houston	TX	77027	Undelivered - To Be Returned	Return Receipt: Electronic, Certified Mail	
931486990430011861109	2024-03-14 11:00 AM	81363.0236thshp	Carol Shumate, as separate property		Midland	TX	79702	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861093	2024-03-14 11:00 AM	81363.0236thshp	Griffin Shumate, as separate property		Midland	TX	79702	Undelivered	Return Receipt: Electronic, Certified Mail	
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931486990430011861073	2024-03-14 11:00 AM	81363.0236thshp	Griffin Petroleum Company		Midland	TX	79705	Undelivered	Return Receipt: Electronic, Certified Mail	
931486990430011861062	2024-03-14 11:00 AM	81363.0236thshp	Una Orea LLC		Fort Worth	TX	76185	Undelivered - Forwarded	Return Receipt: Electronic, Certified Mail	
931486990430011861055	2024-03-14 11:00 AM	81363.0236thshp	OTSS Investments LLC		Fort Worth	TX	76185	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 1:36 PM
931486990430011861048	2024-03-14 11:00 AM	81363.0236thshp	911 Oil & Gas LLC		Fort Worth	TX	76185	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 1:36 PM
931486990430011861031	2024-03-14 11:00 AM	81363.0236thshp	Duer Wagner, III & Genevieve Roberts,	Co-Trustees Wagner Fam Trust	Dallas	TX	75201	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-18 0:05 PM
931486990430011861024	2024-03-14 11:00 AM	81363.0236thshp	Suzanne P. Adelson, Trustee of the James	Adelson Family Trust	Tulsa	OK	74136	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-19 12:49 PM
931486990430011861017	2024-03-14 11:00 AM	81363.0236thshp	Warren American Oil Company		Tulsa	OK	74136	Delivered	Return Receipt: Electronic, Certified Mail	2024-03-20 9:18 AM
931486990430011861010	2024-03-14 11:00 AM	81363.0236thshp	Justin T. Crum							



March 20, 2024

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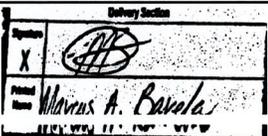
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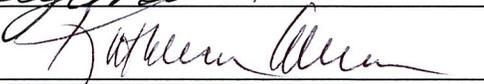
STATE OF WISCONSIN, COUNTY OF BROWN

The Carlsbad Current Argus, a newspaper published in the city of Carlsbad, Eddy County, State of New Mexico, and personal knowledge of the facts herein state and that the notice hereto annexed was Published in said newspapers in the issue:

03/19/2024

and that the fees charged are legal.  
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State of Wisconsin

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CASE NO. 24338: Notice to all affected parties, as well as heirs and devisees of:

Americawest Resources, LLC; Big Three Energy Group, LLC; Boyd & McWilliams Energy Group, Inc.; Broughton Petroleum, Inc.; C. Michael Brown d/b/a Bear Energy; Chevron MidContinent, L.P.; Chevron USA, Inc.; CXA Oil & Gas Holdings, L.P.; Elizabeth Filolek; Excess Energy, LLC; Exxon Mobil Corporation; Featherstone Development Corporation; Foran Oil Company; Hanley Petroleum, Inc.; J. Cleo Thompson and James Cleo Thompson, Jr., L.P.; J.M. Beique; Janet R. Hanson, Domiciliary Foreign Personal Representative of Estate of Eric K. Hanson, deceased; LHAH Properties, LLC; Magnum-Hunter Production, Inc.; Mizel Resources, a Trust; MRC Permian Company; Nancy Goldberg; OXY USA, Inc.; Prospector, LLC; RKC, Inc.; Roy E. Guinnup; Roy G. Barton Jr., whose wife is Claudia Barton; S. K. Warren Resources, LLC; Sandra Richards Adams; Sisbro Oil & Gas, LLC; TBO Oil & Gas, LLC; Triple T. Resources, L.P.; Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B; WPX Energy Permian, LLC; LJA Charitable Investments, LLC; Santa Elena Minerals IV, LP; Zunis Energy, LLC; Penasco Petroleum LLC; Rolla R. Hinkle III; Justin T. Crum; Warren American Oil Company; Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts Duer Wagner, III and Genevieve Wagner Roberts, Co-Trustees for the Wagner Family Trust (created under the Last Will of Duer Wagner, Jr. dated 8/24/2016); 911 Oil & Gas LLC; OTSS Investments LLC; Una Oreia LLC; Griffin Petroleum Company; Robert S. Lee; Gene Shumate, as separate property; Carol Shumate, as separate property; Isramco Resources, LLC; Williamson Oil & Gas Company, LLC; Dolores McCall, a single woman; G.K. Partners; MTX Interests LP; M.D. Abel Co.; Bishop-Windham Family Limited Partnership; Scott T. Peterson, whose wife is Billie Peterson; Doroil Corporation; Donald E. Hockaday III, Trustee of the Dorothy L. Hockaday Trust; Christa Hinojosa, whose husband is Antonio Hinojosa; Chisos Minerals, LLC; Axis Energy Corporation; Fasken Land and Minerals, LTD; MAP00-NET, James L. Williams, IV, Agent; CCB 1998 Trust, Ben J. Fortson, Jr., Trustee; Kimbell Art Foundation, KRP Isles Management, LLC, Agent, Dept. 0650; Bill Burton; Ben J. Fortson Children's Trust, Ben J. Fortson III, Trustee; Robert C. Grable; MWB 1998 Trust, Ben J. Fortson, Jr., Trustee; DCB 1998 Trust, Ben J. Fortson, Jr., Trustee; The Roach Foundation; Mark Bertram Murphy Trust, Mark B. Murphy, Trustee; Laura Elizabeth Murphy Trust, Mark B. Murphy, Trustee; Matthew Beaman Murphy Trust, No. 24338

Murphy, Trustee; Ann Murphy Daily Trust, Ann Murphy Daily, Trustee; Mid-Continent Energy, Inc.; Cathleen Ann Adams, Trustee of the Cathleen Ann Adams Revocable Trust dated 9/25/2020, as amended and restated, successor to Cathleen Ann Adams; Susan Arrott a.k.a. Susan Carol Arrott, Trustee of the Arrott Family Revocable Trust dated 4/8/2019, as amended and restated, successor to Susan Carol Arrott; Howard A. Rubin, Inc.; Rubie Crosby Bell Family LLC; Bryan Bell Family LLC; AGS Oil & Gas Holdings, Inc.; AGS Oil & Gas Holdings #2, Inc.; Sydtran, L.P.; Rialto Production Co.; Lisa M. Enfield Trust, Lisa M. Enfield and her successors as Trustee under the Agreement 1/23/2015; MLE, LLC; Childress Royalty Company; A.L. Peters and wife, Billie Peters; Black Stone Minerals Company, L.P.; Matagorda B1, L.P. c/o Sentinel Trust Company, LBA; Triple T. Resources, L.P.; Dorchester Minerals, L.P.; TD Minerals LLC; Pegasus Resources II, LLC; Marcia Szczesny; Marie Szczesny; Michael F. Szczesny; Mark Szczesny; Chad Barbe; Baline Hess; SMP Sidecar Titan Mineral Holdings, LP; SMP Titan Mineral Holdings, LP; MSH Family Real Estate Partnership II, LLC; SMP Titan Flex, LP; Pegasus Resources, LLC; Pogo Producing Company, LLC; Gwen G. Armstrong; David Hanger & Rita Hanger Revocable Trust; Grover D. Smith; Whilden Trustee No. 1, c/o Baker Botts; Bo Digby; Transatlantic Petroleum Corp.; New Mexico State Land Office; United States of America Bureau of Land Management of the Application of Marathon Oil Permian LLC for compulsory pooling, Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on April 4, 2024 to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, and Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 960-acre, more or less, Bone Spring horizontal spacing unit underlying the W/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Hushpuppy BS Federal Com 301H and Hushpuppy BS Federal Com 551H wells to be drilled with proposed first take points in the SW/4SW/4 (Unit A) of Section 34 and proposed first take points in the NW/4NW/4 (Unit D) of

Section 22; and the Hushpuppy BS Federal Com 302H, Hushpuppy BS Federal Com 501H, and Hushpuppy BS Federal Com 552H wells to be drilled with proposed first take points in the SE/4SW/4 (Unit N) of Section 34 and proposed last take points in the NE/4NW/4 (Unit C) of Section 22. The wells will be drilled at orthodox locations. The completed interval for the Hushpuppy BS Federal Com 501H is expected to be less than 330 feet from the adjoining tracts thereby allowing for the inclusion of the proximity tracts within the proposed spacing unit. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 1.6 miles south of Malaga, New Mexico.  
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