

Before the Oil Conservation Division Examiner Hearing September 7, 2023

Case No. 23754

Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H wells



**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. 23754

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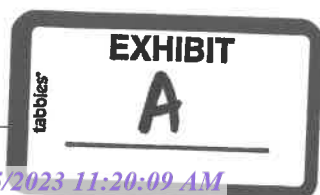
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- Exhibit C.15: Regional Stress Orientation Justification

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

Case: 23754	APPLICANT'S RESPONSE
Date: September 7, 2023	
Applicant	Marathon Oil Permian LLC
Designated Operator & OGRID (affiliation if applicable)	Marathon Oil Permian LLC OGRID 372098
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	Fasken Oil & Ranch (Holland & Hart); S.K. Warren (Montgomery & Andrews); Coterra/Cimarex (Abadie & Schill)
Well Family	Pierogi
Formation/Pool	
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, Pool Code 64450
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	960
Building Blocks:	40
Orientation:	North South
Description: TRS/County	E/2 of Sections 22, 27, and 34, Township 24 South, Range 28 East, NMPPM, 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?	Y.
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	Y. The completed intervals for Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each expected to be less than 330 feet from the adjoining tracts.
Proximity Defining Well: if yes, description	The completed intervals for Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each expected to be less than 330 feet from the adjoining tracts. See Exhibit B-2 (C-102s)
Applicant's Ownership in Each Tract	See Exhibit B-3.
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1: Pierogi BS Federal Com 301H	FTP: 100' FSL & 1620' FEL Section 34, T-24-S R-28-E BHL/LTP: 100' FNL & 1620' FEL Section 22, T-24-S R-28-E Orientation: North South Completion Status: Standard Completion Target: Bone Spring TVD: 7,450', MVD: 22,700'



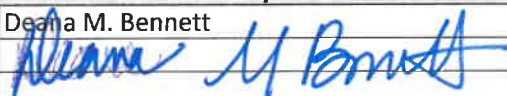
OCD Examiner Hearing 9-7-23

No. 23754

Well #2: Pierogi BS Federal Com 302H	FTP: 100' FSL & 330' FEL Section 34, T-24-S R-28-E BHL/LTP: 100' FNL & 330' FEL Section 22, T-24-S R-28-E Orientation: North South Completion Target: Bone Spring Completion Status: Standard TVD: 7,450', MVD: 22,700'
Well #3: Pierogi BS Federal Com 501H	FTP: 100' FSL & 2310' FEL Section 34, T-24-S R-28-E BHL/LTP: 100' FNL & 2310' FEL Section 22, T-24-S R-28-E Orientation: North South Completion Target: Bone Spring Completion Status: Standard TVD: 8,235', MVD: 23,485'
Well #4: Pierogi BS Federal Com 502H	FTP: 100' FSL & 1020' FEL Section 34, T-24-S R-28-E BHL/LTP: 100' FNL & 1020' FEL Section 22, T-24-S R-28-E Orientation: North South Completion Target: Bone Spring Completion Status: Standard TVD: 8,235', MVD: 23,485'
Well #5: Pierogi BS Federal Com 551H	FTP: 100' FSL & 1980' FEL Section 34, T-24-S R-28-E BHL/LTP: 100' FNL & 1980' FEL Section 22, T-24-S R-28-E Orientation: North South Completion Target: Bone Spring Completion Status: Standard TVD: 9,040', MVD: 24,290'
Well #6: Pierogi BS Federal Com 552H	FTP: 100' FSL & 660' FEL Section 34, T-24-S R-28-E BHL/LTP: 100' FNL & 660' FEL Section 22, T-24-S R-28-E Orientation: North South Completion Target: Bone Spring Completion Status: Standard TVD: 9,040', MVD: 24,290'
Horizontal Well First and Last Take Points	See above cells and Exhibit B-2 (C-102s)
Completion Target (Formation, TVD and MD)	See above cells and Exhibit B-5 (proposal letter)
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	See Exhibit B Paragraph 25
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B-7
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B-7
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit B-7
Ownership Determination	
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	Exhibit B-3
Ownership Depth Severance (including percentage above & below)	NA
Joinder	
Sample Copy of Proposal Letter	Exhibit B-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit B-6

OCD Exhibit B-6 Hearing 9-7-23

No. 23754

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
Geology	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibit C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit C-2
Well Orientation (with rationale)	Exhibit C-15
Target Formation	Exhibits C-3 to C-14
HSU Cross Section	Exhibit C-5; C-9; C-13
Depth Severance Discussion	NA
Forms, Figures and Tables	
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-2
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
Additional Information	
Special Provisions/Stipulations	NA
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	
Date:	7-Sep-23

**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. 23754

SELF AFFIRMED DECLARATION OF FARLEY DUVAL

Farley Duvall hereby states and declares as follows:

1. I am over the age of 18, I am a landman for Marathon Oil Permian LLC ("Marathon") 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 the area of 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 application.
7. The purpose of the application is to force pool all uncommitted interests 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 wells, but have failed or refused to voluntarily commit their interests in the wells.



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

10. This spacing unit will be dedicated to the Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H wells, to be horizontally drilled.

11. Attached as **Exhibit B.2** are the proposed C-102s for the wells.

12. The C-102s identify the proposed surface hole locations and the bottom hole locations, and the first take points. The C-102s also identify the pool and pool code.

13. The wells will develop the Willow Lake; Bone Spring, Pool Code 64450.

14. This pool is an oil pool with 40-acre building blocks.

15. This pool is governed by the state-wide horizontal well rules.

16. The producing areas for the wells is expected to be orthodox.

17. There are no depth severances within the proposed spacing unit.

18. The completed intervals for Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each expected to be less than 330' feet from the adjoining tracts and the Division's rules allow for the inclusion of proximity tracts within the proposed standard spacing unit for the wells.

19. **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.

20. 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.

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

22. **Exhibit B.4** is a summary of my contacts with the working interest owners.

23. **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.

24. **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.

25. Marathon requests overhead and administrative rates of \$10,000.00/month for drilling a well and \$1,000.00/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.

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

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

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

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

30. **Exhibit B.7** is an affidavit of notice prepared by counsel for Marathon that shows the parties who were notified of this hearing, the status of whether they received notice, and an affidavit

of publication from the Carlsbad Current Argus newspaper, showing that notice of this hearing was published on August 22, 2023.

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

32. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

[Signature page follows]

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 this 31st day of August, 2023.



Farley Duvall

**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. 23754

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 E/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 E/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 **Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H** wells to a depth sufficient to test the Bone Spring formation. The wells will be horizontally drilled, and the producing area for the wells is expected to be orthodox.
4. The completed intervals for Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each 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.

5. 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.

6. 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 September 7, 2023 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 E/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
Deana M. Bennett
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. 23754 : 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 standard 960-acre, more or less, Bone Spring horizontal spacing unit underlying the E/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 Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for the Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each 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 4.93 miles from Loving, 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

¹ API Number	² Pool Code	³ Pool Name
	64450	WILLOW LAKE; BONE SPRING
⁴ Property Code	⁵ Property Name	⁶ Well Number
	PIEROGI BS FEDERAL.COM	301H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN, LLC	2999'

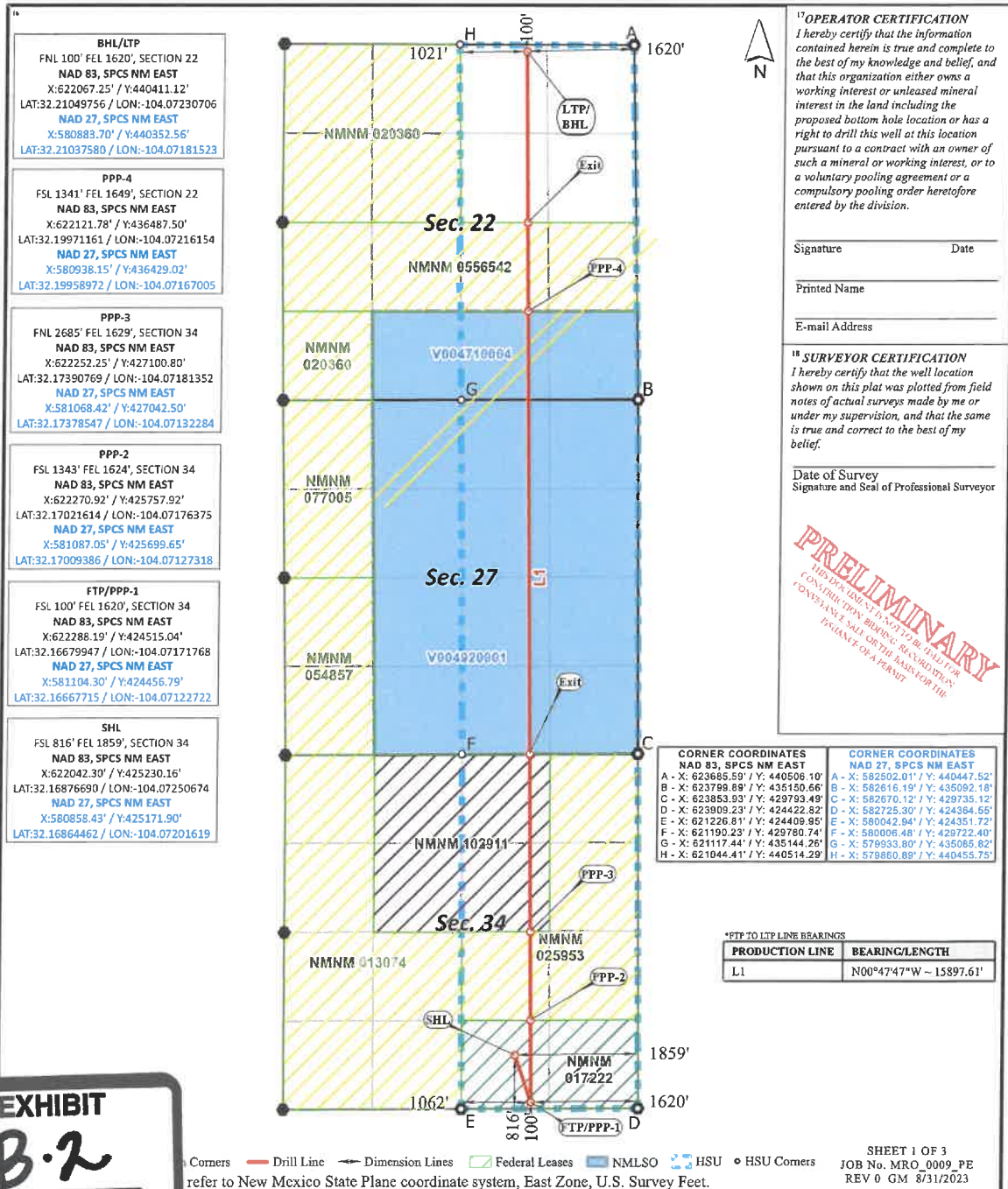
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	24S	28E		816'	SOUTH	1859'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	24S	28E		100'	NORTH	1620'	EAST	EDDY
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						
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.



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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
	64450	WILLOW LAKE; BONE SPRING
⁴ Property Code	⁵ Property Name	⁶ Well Number
	PIEROGI BS FEDERAL COM	302H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN, LLC	2999'

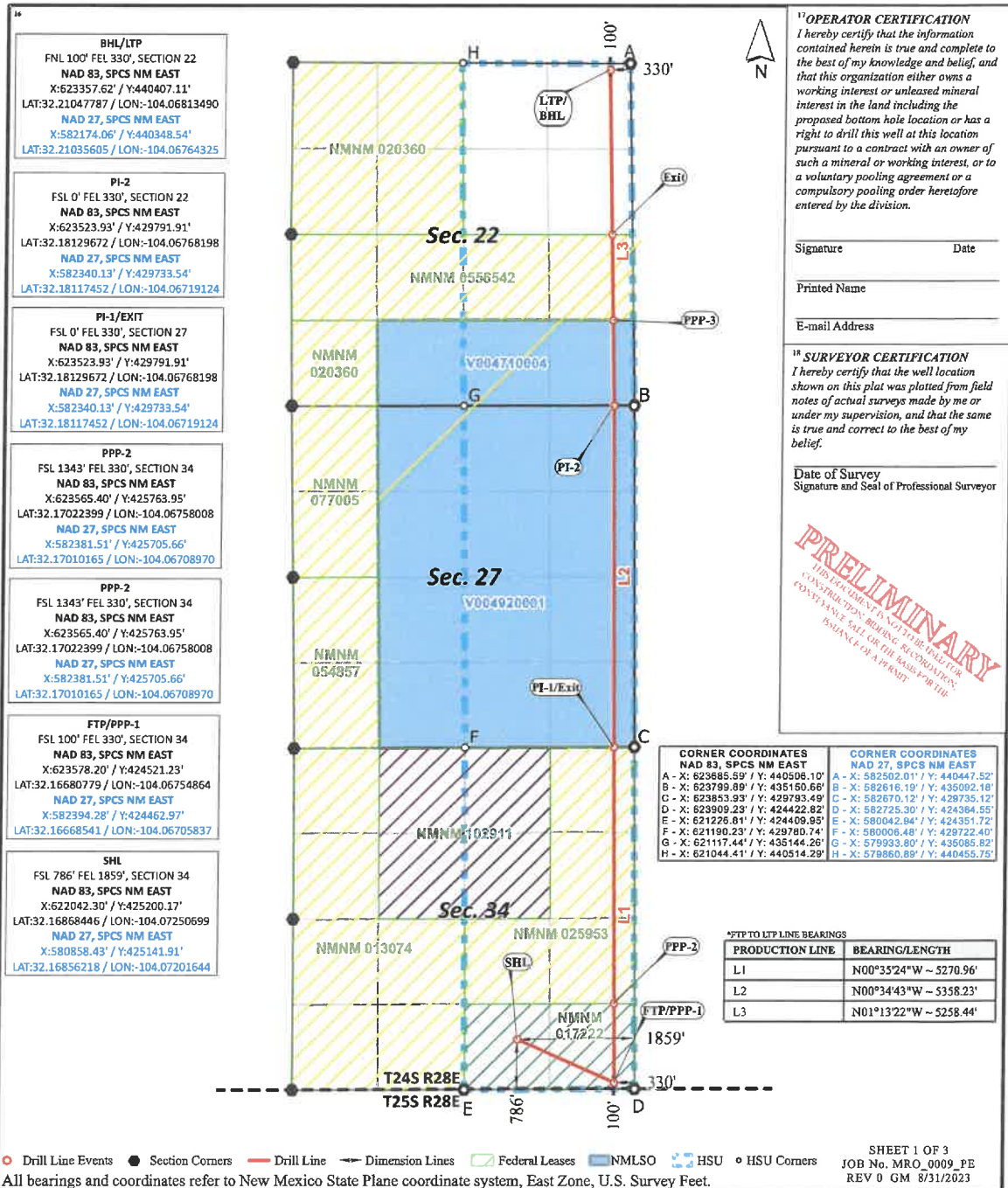
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	24S	28E		786'	SOUTH	1859'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	24S	28E		100'	NORTH	330'	EAST	EDDY
¹² Dedicated Acres	¹³ Lot or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						
960.00									

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
	64450	WILLOW LAKE; BONE SPRING
⁴ Property Code	⁵ Property Name	⁶ Well Number
	PIEROGI BS FEDERAL COM	501H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN, LLC	2999'

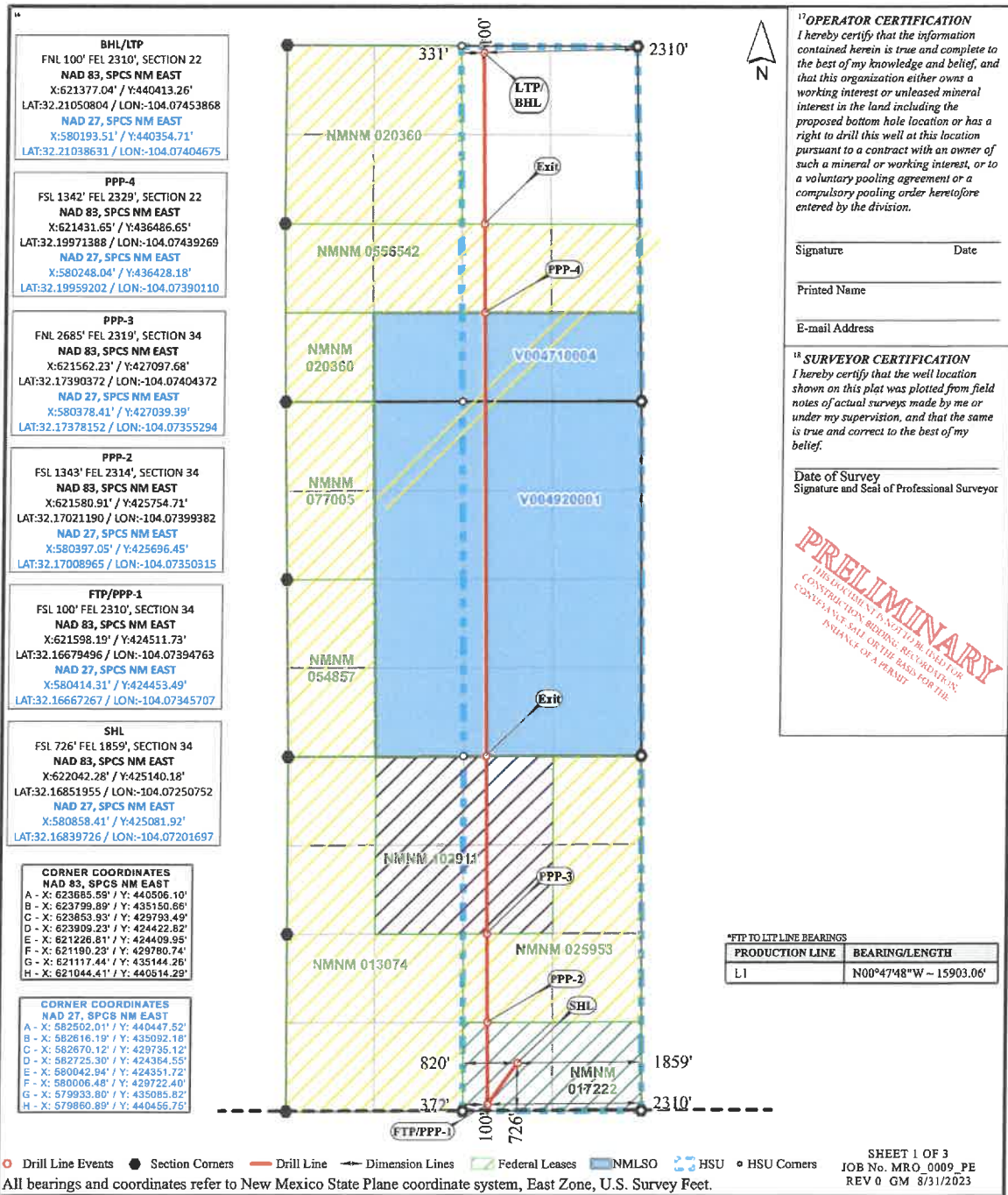
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	24S	28E		726'	SOUTH	1859'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	24S	28E		100'	NORTH	2310'	EAST	EDDY
¹² Dedicated Acres	¹³ Joint or In-Bill	¹⁴ Consolidation Code	¹⁵ Order No.						
960.00									

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 64450	³ Pool Name WILLOW LAKE; BONE SPRING
⁴ Property Code	⁵ Property Name PIEROGI BS FEDERAL COM	⁶ Well Number 502H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 2999'

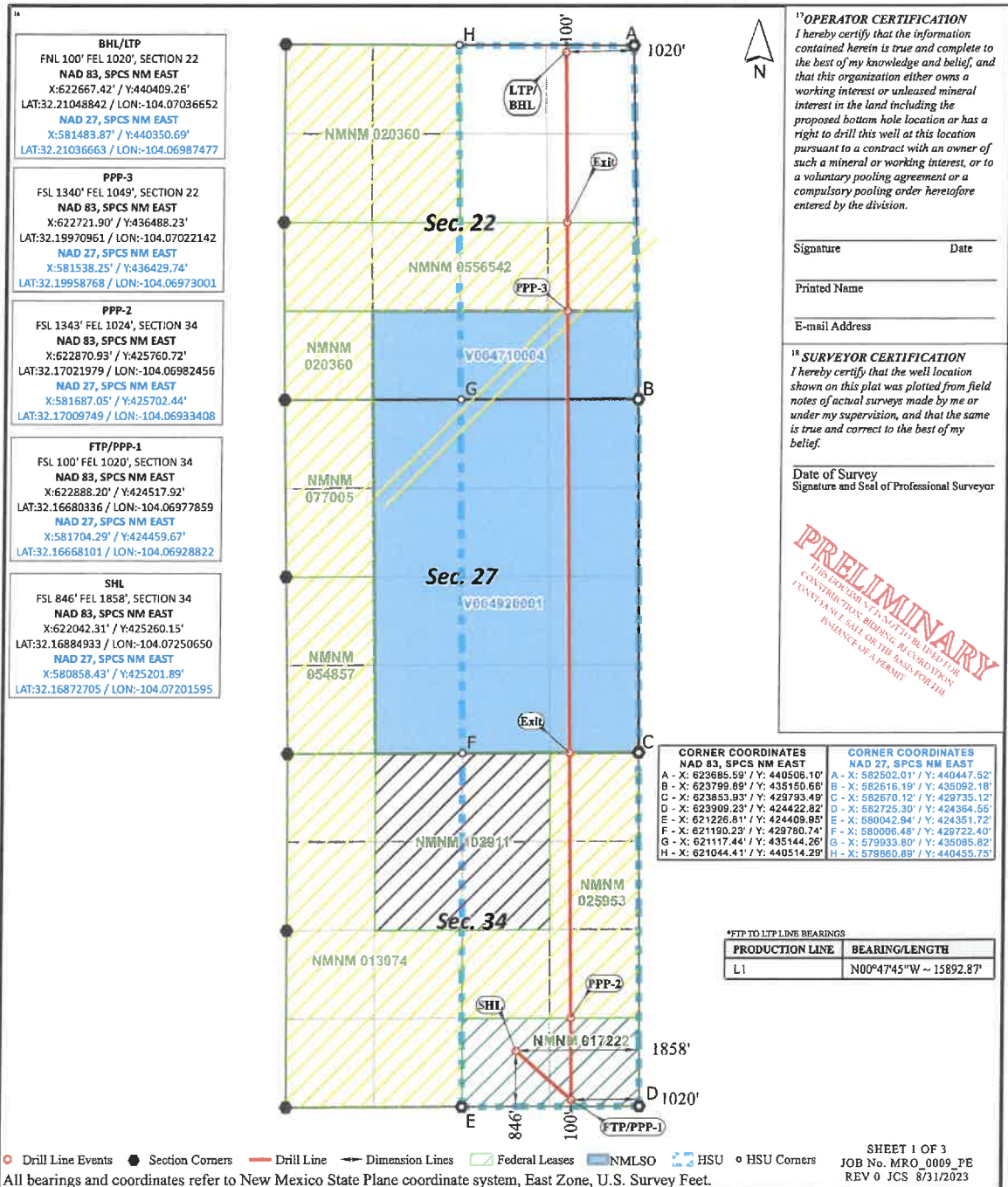
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	24S	28E		846'	SOUTH	1858'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	24S	28E		100'	NORTH	1020'	EAST	EDDY
¹² Dedicated Acres 960.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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⁴ Property Code	⁵ Property Name	⁶ Well Number
	PIEROGI BS FEDERAL COM	551H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN, LLC	2999'

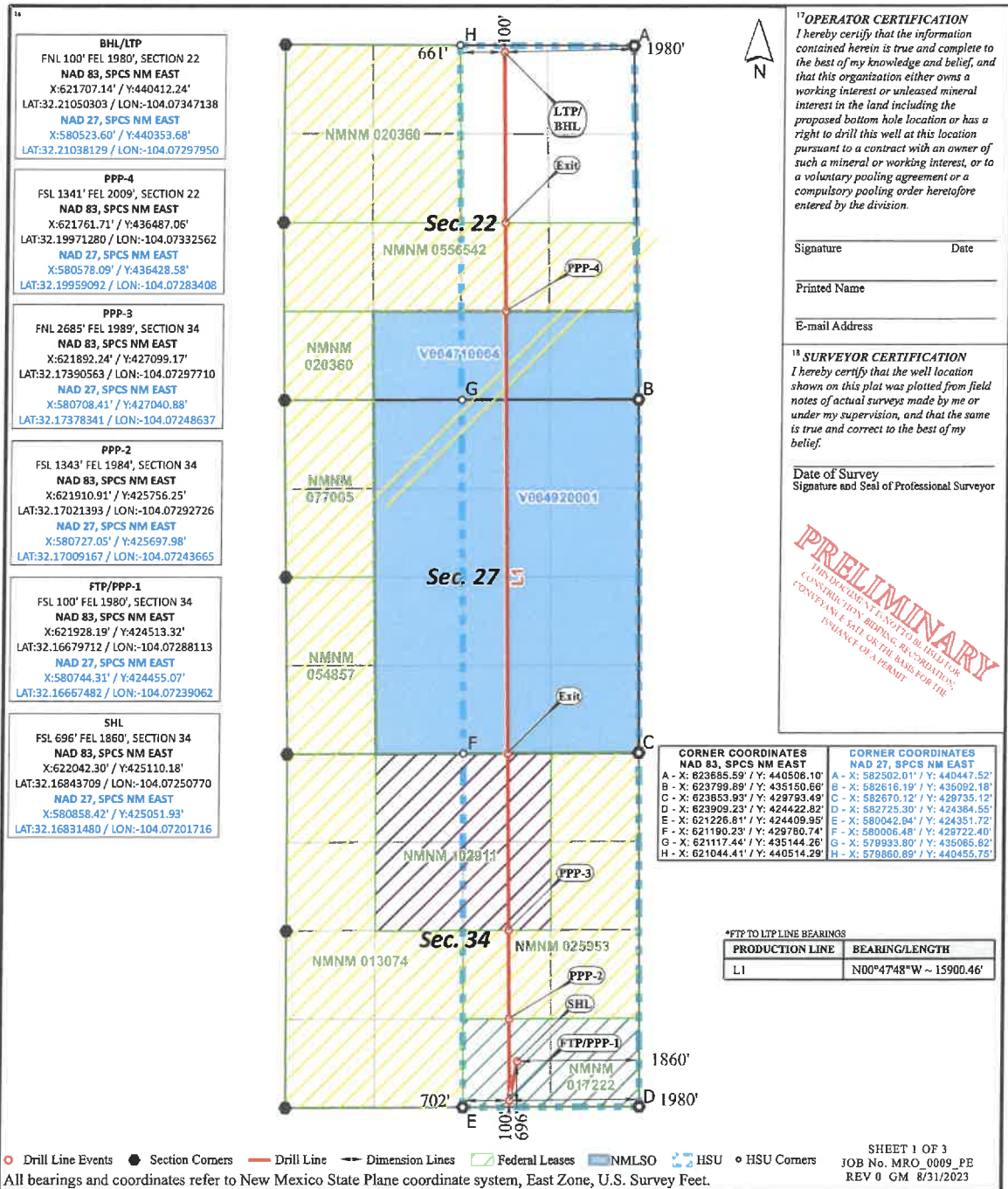
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
O	34	24S	28E		696'	SOUTH	1860'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
B	22	24S	28E		100'	NORTH	1980'	EAST	EDDY
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						
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.



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

¹ API Number	² Pool Code	³ Pool Name
	64450	WILLOW LAKE; BONE SPRING
⁴ Property Code	⁵ Property Name	⁶ Well Number
	PIEROGI BS FEDERAL COM	552H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN, LLC	2999'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	34	24S	28E		756'	SOUTH	1859'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	24S	28E		100'	NORTH	660'	EAST	EDDY
¹² Dedicated Acres	¹³ Joint or IsMIL	¹⁴ Consolidation Code	¹⁵ Order No.						
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.

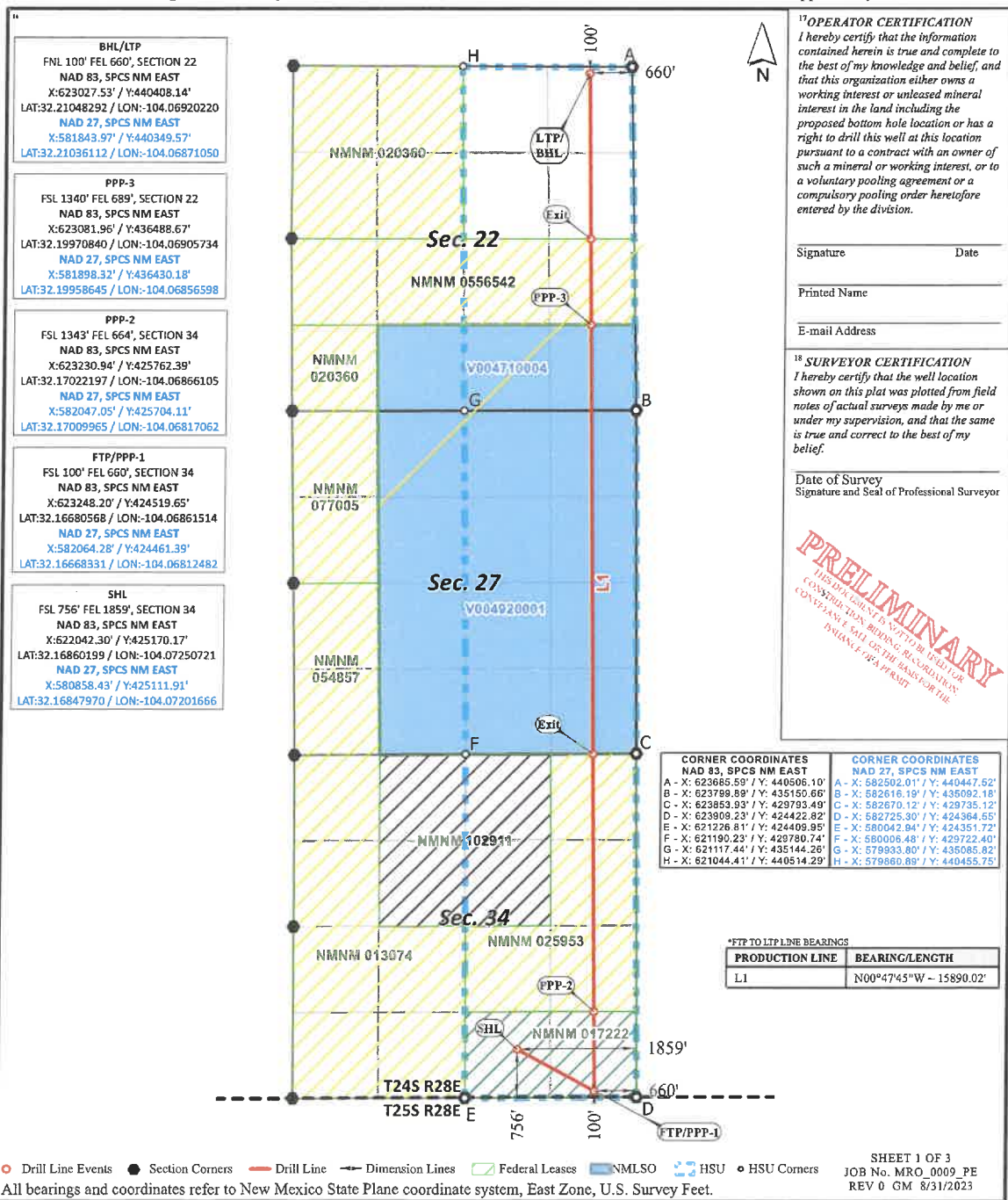


Exhibit "B.3" Lease Tract Map
Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, and 552H
E/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres

E/2			
Sections	22, 27, 34	Township	24 South Range 28 East
County	Eddy	State	New Mexico
960.00 acres, more or less			
Tr. 3	B	A	E/2 of Section 22
	G	H	
Tr. 1	J	I	
Tr. 2	O	P	E/2 of Section 27
Tr. 4	B	A	
	G	H	
Tr. 5	J	I	E/2 of Section 34
	O	P	
Tr. 8	B	A	
	G	H	
	J	I	
Tr. 6	O	P	

Tract 1	Fed	NM-0556542	80.00 acres
Tract 2	State	V-471	80.00 acres
Tract 3	Fee	90/354	160.00 acres
Tract 6	Fed	NM-17222	80.00 acres
Tract 7	Fed	NM-25953	160.00 acres
Tract 8	Fed	NM-102911	80.00 acres
Tract 4	State	V-492	160.00 acres
Tract 5	State	V-492	160.00 acres



Exhibit "B.3" - Summary of Working Interest Owners
Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, and 552H
E/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres

Committed Working Interest		67.521130%
Marathon Oil Permian LLC		52.508154%
Chevron USA, Inc.		4.855964%
J. Cleo Thompson and James Cleo Thompson, Jr., L.P.		4.166667%
Chevron MidContinent, L.P.		3.253474%
Magnum-Hunter Production, Inc.		2.736871%
Uncommitted Working Interest		32.478871%
OXY USA, Inc.		10.625000%
Amencawest Resources, LLC		3.593750%
WPX Energy Permian, LLC		3.125000%
RKC, Inc.		2.232235%
Triple T Resources, L.P.		2.232235%
MRC Permian Company		1.673611%
S K Warren Resources, LLC		1.510900%
CXA Oil & Gas Holdings, LP		1.484375%
Hanley Petroleum, Inc.		1.210937%
Excess Energy, LLC		0.861213%
Boyd & McWilliams Energy Group, Inc.		0.833333%
Exxon Mobil Corporation		0.780208%
Prospector, LLC		0.500000%
Foran Oil Company		0.347217%
Broughton Petroleum, Inc.		0.309583%
Big Three Energy Group, LLC		0.166867%
Featherstone Development Corporation		0.166867%
Janet R. Hanson, Domiciliary Foreign Personal Representative of Estate of Eric K. Hanson, deceased		0.156250%
LHAH Properties, LLC		0.156250%
Sandra Richards Adams		0.111111%
C. Michael Brown d/b/a Bear Energy		0.083333%
Roy E. Guinnup		0.078125%
Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B		0.065249%
Elizabeth Fijolek		0.055556%
Nancy Goldberg		0.055556%
TBO Oil & Gas, LLC		0.039063%
J.M. Beique		0.014279%
Roy G. Barton Jr., whose wife is Claudia Barton		0.011169%



Exhibit "B.3" – Summary of ORRI Owners
Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, and 552H
E/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres

ORRI Owners

911 Oil & Gas LLC	Lisa M. Enfield Trust, Lisa M. Enfield and her successors as Trustee under the Agreement 1/23/2015
A.L. Peters and wife, Billie Peters	LJA Charitable Investments, LLC
AGS Oil & Gas Holdings #2, Inc.	M.D. Abel, Co.
AGS Oil & Gas Holdings, Inc.	MAP00-NET
Ann Murphy Dally Trust, Ann Murphy Dally, Trustee	Mark Bertram Murphy Trust, Mark B. Murphy, Trustee
Axis Energy Corporation	Matagorda B1, L.P.
Ben J. Fortson Children's Trust, Ben J. Fortson III, Trustee	Matthew Bert Murphy Trust, Matthew B. Murphy, Trustee
Bill Burton	Michael D. Hayes and Kathryn A. Hayes, Co-Trustees of the Hayes Revocable Trust
Bishop-Windham Family Limited Partnership	Mid-Continent Energy, Inc.
Black Stone Minerals Company, L.P.	Mizel Resources, a Trust
Bryan Bell Family LLC	MLE, LLC
Bucjag Investments, LLC	MTX Interests LP
Carol Shumate, as separate property	MWB 1998 Trust, Ben J. Fortson, Jr., Trustee
Catherine Spinks	Nonnorfootie LLC
Cathleen Ann Adams, Trustee of the Cathleen Ann Adams Revocable Trust dated 9/25/2020, as amended and restated, successor to Cathleen Ann Adams	OTSS Investments LLC
CCB 1998 Trust, Ben J. Fortson, Jr., Trustee	PEC Minerals, L.P.
Charles R. Wiggins	Penasco Petroleum LLC
Chevron USA, Inc.	Rialto Production Co.
Childress Royalty Company	RKC, Inc.
Chisos Minerals, LLC	Robert C. Grable
Christa Hinojosa, whose husband is Antonio Hinojosa	Robert S. Lee
Damrak Resources LLC	Rolla R. Hinkle III
DCB 1998 Trust, Ben J. Fortson, Jr., Trustee	Rubie Crosby Bell Family LLC
Dolores McCall, a single woman	Sanford Starman and Shirley Starman, Trustees of the Sanford and Shirley Starman 1991 Revocable Trust
Donald E. Hockaday III, Trustee of the Dorothy L. Hockaday Trust	Santa Elena Minerals IV, LP
Doroll Corporation	Scott T. Peterson, whose wife is Billie Peterson
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)	
	Sisbro Oil & Gas, LLC
Fasken Land and Minerals, LTD.	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
G.K. Partners	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts
GBK Corporation	Sydran, L.P.
Gene Shumate, as separate property	The Roach Foundation
Griffin Petroleum Company	Triple T Resources, L.P.
Howard A. Rubin, Inc.	Una Oreja LLC
Iseramco Resources, LLC	Warren American Oil Company
Justin T. Crum	Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B
Ken Kamon	Western American Exploration Company
Kimbell Art Foundation	Williamson Oil & Gas Company, LLC
Laura Elizabeth Murphy Trust, Mark B. Murphy, Trustee	Zunis Energy, LLC



PIEROGI PARTIES BEING POOLED

Working Interest Owners

OXY USA, Inc.
Americawest Resources, LLC
WPX Energy Permian, LLC
RKC, Inc.
Triple T Resources, L.P.
MRC Permian Company
S K Warren Resources, LLC
CXA Oil & Gas Holdings, LP
Hanley Petroleum, Inc.
Excess Energy, LLC
Boyd & McWilliams Energy Group, Inc.
Exxon Mobil Corporation
Prospector, LLC
Foran Oil Company
Broughton Petroleum, Inc.
Big Three Energy Group, LLC
Featherstone Development Corporation
Janet R. Hanson, Domiciliary Foreign Personal Representative of Estate of Eric K. Hanson, deceased
LHAH Properties, LLC
Saundra Richards Adams
C. Michael Brown d/b/a Bear Energy
Roy E. Guinnup
Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B
Elizabeth Fijolek
Nancy Goldberg
TBO Oil & Gas, LLC
J. M. Beique
Roy G. Barton Jr., whose wife is Claudia Barton

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.
Bryan Bell Family LLC

Bucjag Investments, LLC
Carol Shumate, as separate property
Catherine Spinks
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
Charles R. Wiggins
Chevron USA, Inc.
Childress Royalty Company
Chisos Minerals, LLC
Christa Hinojosa, whose husband is Antonio Hinojosa
Damrak Resources LLC
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
GBK Corporation
Gene Shumate, as separate property
Griffin Petroleum Company
Howard A. Rubin, Inc.
Isramco Resources, LLC
Justin T. Crum
Ken Kamon
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
Mark Bertram Murphy Trust, Mark B. Murphy, Trustee
Matagorda B1, L.P
Matthew Bert Murphy Trust, Matthew B. Murphy, Trustee
Michael D. Hayes and Kathryn A. Hayes, Co-Trustees of the Hayes Revocable Trust
Mid-Continent Energy, Inc.
Mizel Resources, a Trust
MLE, LLC
MTX Interests LP
MWB 1998 Trust, Ben J. Fortson, Jr., Trustee
Nonnortootie LLC
OTSS Investments LLC
PEC Minerals, L.P.

Penasco Petroleum LLC
Rialto Production Co.
RKC, Inc.
Robert C. Grable
Robert S. Lee
Rolla R. Hinkle III
Rubie Crosby Bell Family LLC
Sanford Starman and Shirley Starman, Trustees of the Sanford and Shirley Starman 1991 Revocable Trust
Santa Elena Minerals IV, LP
Scott T. Peterson, whose wife is Billie Peterson
Sisbro Oil & Gas, LLC
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
Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts
Sydtran, L.P.
The Roach Foundation
Triple T Resources, L.P.
Una Oreja LLC
Warren American Oil Company
Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B
Western American Exploration Company
Williamson Oil & Gas Company, LLC
Zunis Energy, LLC

Exhibit "B.4" Summary of Contacts
Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, and 552H
E/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres

Summary of Contacts (Pierogi)

- 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 July 6, 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.



Exhibit "B.4" Continued - Summary of Contacts
Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, and 552H
E/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres

Summary of Contacts with Working Interest Owners/Unleased Mineral Interest Owners to Be Pooled					
Name	Unit % Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow Up	Follow Up Date
OXY USA, Inc.	10.625000%	7/7/2023	7/13/2023	Emailed to verify WI and ops timing.	8/31/2023
Chevron USA, Inc.**	4.855964%	7/10/2023	7/17/2023	Working interest owner is entering a JOA with Marathon.	8/7/2023
J. Cleo Thompson and James Cleo Thompson, Jr., L.P.**	4.166667%	7/13/2023	7/10/2023	Elected to participate and WIO is entering JOA with Marathon.	8/29/2023
AmericaWest Resources, LLC	3.593750%	7/7/2023	7/11/2023	Elected to participate.	7/12/2023
Chevron MidContinent, L.P.**	3.253474%	7/10/2023	7/17/2023	Working interest owner is entering a JOA with Marathon.	8/7/2023
Magnum-Hunter Production, Inc.**	2.736871%	7/7/2023	8/14/2023	Entering JOA with Marathon.	8/14/2023
Triple T Resources LP	2.232235%	7/7/2023	7/10/2023	WIO confirmed receipt of proposal and stated they believed that they did not own a WI in this unit.	7/15/2023
MRC Permian Company	1.673611%	7/17/2023	7/10/2023	emailed to verify WI, timing, and requested JOA for review.	6/19/2023
S K Warren Resources, LLC	1.510900%	7/7/2023	7/12/2023	Discussions with WI owner to verify WI/NRI and participation options.	8/24/2023
CXA Oil & Gas Holdings, LP	1.484375%	7/11/2023	7/19/2023	Elected to participate.	7/19/2023
Hanley Petroleum, Inc.	1.210937%	7/7/2023	7/24/2023	Verified WI, operations timing, and JOA provisions via email conversation	8/30/2023

** Executing a JOA and not being pooled.



Exhibit "B.4" Continued - Summary of Contacts
Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, and 552H
E/2 of Sections 22, 27, & 24 T24S-R28E: 960.00 acres

Summary of Contacts with Working Interest Owners/Unleased Mineral Interest Owners to Be Pooled					
Name	Unit % Interest	Date Proposal Letter Sent	Proposal Letter Received	Follow Up	Follow Up Date
Foran Oil Company	0.347217%	7/7/2023	7/14/2023	Proposal letters sent to same address as Hearing notice letter. Hearing notice letter received but proposal letter not received. In communications with Foran to discuss participation.	8/31/2023
Broughton Petroleum, Inc.	0.309583%	7/8/2023	7/13/2023	Elected to participate.	7/12/2023
Big Three Energy Group, LLC	0.166667%	7/7/2023		Elected to participate.	7/31/2023
Featherstone Development Corporation	0.166667%	7/12/2023	7/14/2023	Elected to participate.	7/31/2023
Janet R. Hanson, Domiciliary Foreign Personal Representative of Estate of Eric K. Hanson, deceased	0.156250%	7/15/2023	7/10/2023	Phone call with Ms. Hanson to discuss her interest, timing, election, options, and potential sale of her interest.	5/22/2023
LHAH Properties, LLC	0.156250%	7/7/2023	7/24/2023	Verified WI, operations timing, and JOA provisions via email conversation	8/30/2023
C. Michael Brown d/b/a Bear Energy	0.083333%	7/9/2023	7/11/2023	Elected to participate.	7/18/2023
Roy E. Guinnup	0.078125%	7/18/2023	7/10/2023	emailed to verify WI, timing, and provided JOA for review.	8/22/2023
Wells Fargo, National Association, Successor Trustee of the Robert N. Enfield Irrevocable Trust B	0.065249%	7/7/2023	Undeliverable	Multiple mailings were undeliverable. WIO Emailed to verify WI, timing, and provided JOA for review.	8/30/2023
TBO Oil & Gas, LLC	0.039063%	7/28/2023	7/12/2023	Elected to participate.	7/14/2023
J.M. Beique	0.014279%	7/14/2023	7/11/2023	Responded to voicemail with phone call and email to verify WI.	5/18/2023
Roy G. Barton Jr., whose wife is Claudia Barton	0.011169%	7/19/2023	7/13/2023	Elected to participate.	8/14/2023





Farley Duvall
Land Professional - Permian

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

July 6, 2023

Ridge Runner Resources Operating, LLC
4000 N Big Spring St, Suite 210
Midland TX 79705

Re: Pierogi BS Federal Com 301H, 302H, 501H, 502H, 551H, & 552H (the "Wells")
Participation Proposal
E/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"). Marathon is finalizing reports and preliminary title shows that you *may* own in interest in the subject lands.

WELL NAME	FTP (Sec. 34-24S-28E)		LTP (Sec. 22-24S-28E)		TVD	TMD
Pierogi BS Federal Com 301H	1620' FEL Section 34	100' FSL Section 34	1620' FEL Section 22	100' FNL Section 22	7,450	22,700
Pierogi BS Federal Com 302H	330' FEL Section 34	100' FSL Section 34	330' FEL Section 22	100' FNL Section 22	7,450	22,700
Pierogi BS Federal Com 501H	2310' FEL Section 34	100' FSL Section 34	2310' FEL Section 22	100' FNL Section 22	8,235	23,485
Pierogi BS Federal Com 502H	1020' FEL Section 34	100' FSL Section 34	1020' FEL Section 22	100' FNL Section 22	8,235	23,485
Pierogi BS Federal Com 551H	1980' FEL Section 34	100' FSL Section 34	1980' FEL Section 22	100' FNL Section 22	9,040	24,290
Pierogi BS Federal Com 552H	660' FEL Section 34	100' FSL Section 34	660' FEL Section 22	100' FNL Section 22	9,040	24,290

Authority for Expenditure (AFE's)

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 form 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

Ridge Runner Resources Operating, LLC hereby elects to:

_____ Not to participate in the **Pierogi BS Federal Com 301H Well**.

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

_____ Not to participate in the **Pierogi BS Federal Com 302H Well**.

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

_____ Not to participate in the **Pierogi BS Federal Com 501H Well**.

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

_____ Not to participate in the **Pierogi BS Federal Com 502H Well**.

_____ Participate in the **Pierogi BS Federal Com 502H Well** by paying its proportionate share of all actual costs.

_____ Not to participate in the **Pierogi BS Federal Com 551H Well**.

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

_____ Not to participate in the **Pierogi BS Federal Com 552H Well**.

_____ Participate in the **Pierogi 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 7/1/2023
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	Bone Spring		WILDCAT	EXPLORATION
Lease/Facility	Pierogi BS Federal Com 301H		DEVELOPMENT	RECOMPLETION
Location	1620' FEL/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	Drill 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 Bone Spring
Lease/Facility Pierogi BS 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	-

tabbles

EXHIBIT

B.6

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
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		\$ 4,223,650
TOTAL COMPLETIONS COST		\$ 7,031,222
TOTAL SURFACE EQUIPMENT COST		\$ 1,371,000
TOTAL ARTIFICIAL LIFT COST		\$ 431,000
GRAND TOTAL COST		\$13,331,872

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

DATE 7/1/2023
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	Bone Spring		WILDCAT	EXPLORATION
Lease/Facility	Pierogi BS Federal Com 302H		DEVELOPMENT	RECOMPLETION
Location	330' FEL/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	Drill 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 7/1/2023

Asset Team	PERMIAN
Field	Bone Spring
Lease/Facility	Pierogi BS Federal Com 302H

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
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 & Rlg	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		\$ 4,223,650
TOTAL COMPLETIONS COST		\$ 7,031,222
TOTAL SURFACE EQUIPMENT COST		\$ 1,371,000
TOTAL ARTIFICIAL LIFT COST		\$ 431,000
GRAND TOTAL COST		\$13,331,872

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

DATE 7/1/2023
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	Bone Spring		WILDCAT	EXPLORATION
Lease/Facility	Pierogi BS Federal Com 501H		DEVELOPMENT	RECOMPLETION
Location	2310' FEL/100' FSL 34-245-28E	X	EXPLOITATION	WORKOVER
Prospect	Malaga			
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
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 7/1/2023

Asset Team	PERMIAN
Field	Bone Spring
Lease/Facility	Pierogi BS Federal Com 501H

COMPLETION - TANGIBLE

GL CODE	DESCRIPTION	ESTIMATED COST
7012580	Tubing	-
7012040	Tubing Accessories (nipple, wireline entry)	-
7012590	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
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		\$ 4,223,650
TOTAL COMPLETIONS COST		\$ 7,031,222
TOTAL SURFACE EQUIPMENT COST		\$ 1,371,000
TOTAL ARTIFICIAL LIFT COST		\$ 431,000
GRAND TOTAL COST		<u>\$13,331,872</u>

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

DATE 7/1/2023
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	Bone Spring			WILDCAT	EXPLORATION
Lease/Facility	Pierogi BS Federal Com 502H			DEVELOPMENT	RECOMPLETION
Location	1020' FEL/100' FSL 34-24S-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	Orlg 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 Service Surface	24,674
7019020	Cement and Cementing Service Intermediate 1	41,124
7019020	Cement and Cementing Service Intermediate 2	74,023
7019020	Cement and Cementing Service 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 7/1/2023

Asset Team PERMIAN
Field Bone Spring
Lease/Facility Pierogi BS Federal Com 502H

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	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		\$7,295,020

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 7/1/2023
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	Bone Spring	WILDCAT	EXPLORATION
Lease/Facility	Pierogi BS Federal Com 551H	DEVELOPMENT	RECOMPLETION
Location	1980' FEL/100' FSL 34-24S-28E	X EXPLOITATION	WORKOVER
Prospect	Malaga		

Est Total Depth	24,290	Est Drilling Days	34,192	Est Completion Days	11
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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	Drill 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 Service Surface	24,674
7019020	Cement and Cementing Service Intermediate 1	41,124
7019020	Cement and Cementing Service Intermediate 2	74,023
7019020	Cement and Cementing Service 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 7/1/2023

Asset Team	PERMIAN
Field	Bone Spring
Lease/Facility	Pierogi 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	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		\$7,295,020

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
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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
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7012480	Rod Pumping unit & Pad	-
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TOTAL SURFACE EQUIPMENT COST **\$ 896,000**

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7000030	Contract Labor	5,071
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7008230	Time Writing/Overhead	5,071
7012180	Artificial Lift Equipment	265,699
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TOTAL ARTIFICIAL LIFT		431,000

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

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TOTAL LOCATION COST	\$ 275,000
TOTAL DRILLING COST	\$ 5,027,220
TOTAL COMPLETIONS COST	\$ 7,310,020
TOTAL SURFACE EQUIPMENT COST	\$ 896,000
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MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

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COMPLETION PREPARED BY KRISTEN DRAIN
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ARTIFICIAL LIFT PREPARED BY CRAIG PLANTE

Asset Team	PERMIAN			
Field	Bone Spring		WILDCAT	EXPLORATION
Lease/Facility	Pierogi 85 Federal Com 552H		DEVELOPMENT	RECOMPLETION
Location	1980' FEL/100' FSL 34-245-28E	X	EXPLOITATION	WORKOVER
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7019020	Cement and Cementing Service Intermediate 2	74,023
7019020	Cement and Cementing Service Production	139,822
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TOTAL DRILLING COST

\$5,027,220

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

DATE 7/1/2023

Asset Team	PERMIAN
Field	Bone Spring
Lease/Facility	Pierogi 85 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
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7019140	Mud Fluids & Services	-
7019030	Coiled Tubing Services (3 runs)	197,042
7019240	Snubbing Services	-
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7016350	Fuel (from drlg)	-
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TOTAL SURFACE EQUIPMENT COST \$ 896,000

ARTIFICIAL LIFT

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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
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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	<u>\$13,939,240</u>

**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. 23754

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 August 17, 2023, and attached hereto, as Exhibit A.
- 2) Exhibit B is the mailing list, which show the notice letters were delivered to the USPS for mailing on August 17, 2023.
- 3) Exhibit C is the certified mailing tracking information, which is automatically complied 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 is the Affidavit of Publication from the Carlsbad Current Argus, confirming that notice of the September 7, 2023 hearing was published on August 22, 2023.
- 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: September 5, 2023



Deana M. Bennett





August 17, 2023

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. 23754

TO: AFFECTED PARTIES

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

In Case No. 23754, Marathon seeks an order from the Division pooling all uncommitted mineral interests within a standard 960-acre, more or less, Bone Spring horizontal spacing unit underlying the E/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 Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for the Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each 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 4.93 miles from Loving, New Mexico.

The hearing will be conducted remotely on September 7, 2023 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/oed/hearing-info/>.

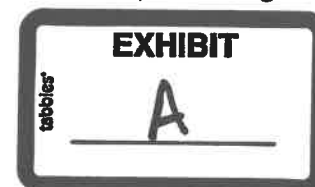
As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including

Modrall Sperling
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 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,

A handwritten signature in black ink that reads "Deana M. Bennett". The signature is written in a cursive, flowing style.

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. 23754

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 E/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 E/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 **Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H** wells to a depth sufficient to test the Bone Spring formation. The wells will be horizontally drilled, and the producing area for the wells is expected to be orthodox.
4. The completed intervals for Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each 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.

5. 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.

6. 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 September 7, 2023 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 E/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

Deana M. Bennett

Post Office Box 2168

500 Fourth Street NW, Suite 1000

Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800

Attorneys for Applicant

CASE NO. 23754 : 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 standard 960-acre, more or less, Bone Spring horizontal spacing unit underlying the E/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 Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for the Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each 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 4.93 miles from Loving, New Mexico.

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
08/17/2023

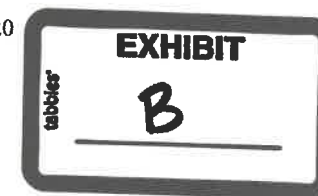
Firm Mailing Book ID: 250930

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0111 1477 80	S K Warren Resources, LLC P.O. Box 470372 Tulsa OK 74147	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
2	9314 8699 0430 0111 1477 97	WPX Energy Permian, LLC 3500 One Williams Center Tulsa OK 74172	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
3	9314 8699 0430 0111 1478 03	MRC Permian Company 5400 LBJ Freeway Dallas TX 75240	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
4	9314 8699 0430 0111 1478 10	CXA Oil & Gas Holdings, LP 6000 Legacy Drive Plano TX 75024	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
5	9314 8699 0430 0111 1478 27	Roy E. Guinnup 2812-A Wayside Avenue Forth Worth TX 76110	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
6	9314 8699 0430 0111 1478 34	Roy G. Barton Jr., whose wife is Claudia Barton 1919 Turner Street Hobbs NM 88240	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
7	9314 8699 0430 0111 1478 41	Chevron USA, Inc. 6001 Bollinger Canyon Road San Ramon CA 94583	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
8	9314 8699 0430 0111 1478 58	RKC, Inc. 7500 Arapahoe Road, Suite 380 Centennial CO 80112	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
9	9314 8699 0430 0111 1478 65	OXY USA, Inc. 5 E. Greenway Plaza Houston TX 77046	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
10	9314 8699 0430 0111 1478 72	Americawest Resources, LLC P.O. Box 3383 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
11	9314 8699 0430 0111 1478 89	Mid-Continent Energy, Inc. 100 W. 5th Street, 450 Tulsa OK 74103	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
12	9314 8699 0430 0111 1478 96	Saundra Richards Adams 23203 Verona View Lane Katy TX 77493	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
13	9314 8699 0430 0111 1479 02	Broughton Petroleum, Inc. 1225 North Loop West, Suite 1055 Houston TX 77433	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
14	9314 8699 0430 0111 1479 19	Foran Oil Company 5400 LBJ Freeway, Suite 1500 Dallas TX 75240	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
15	9314 8699 0430 0111 1479 26	Elizabeth Fijolek 3720 Potomac Avenue Dallas TX 75205	\$1.59	\$4.35	\$2.20		81363.0233Pierogi Notice

OCD Examiner Hearing 9-7-23

No. 23754

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Karlene Schuman
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500 Fourth Street, Suite 1000
Albuquerque NM 87102

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
16	9314 8699 0430 0111 1479 33	Nancy Goldberg 23 Ash Bluff Lane Dallas TX 75248	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
17	9314 8699 0430 0111 1479 40	J. M. Beique 23711 Banning Point Court Katy TX 77494	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
18	9314 8699 0430 0111 1479 57	Chevron MidContinent, L.P. P.O. Box 6007 San Ramon CA 94583	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
19	9314 8699 0430 0111 1479 64	Triple T Resources, L.P. 4809 Cole Avenue, Suite 347 Dallas TX 75205	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
20	9314 8699 0430 0111 1479 71	Magnum-Hunter Production, Inc. 600 N. Marienfeld, Suite 600 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
21	9314 8699 0430 0111 1479 88	Excess Energy, LLC 1150 N. Kimball Avenue, Suite 100 Southlake TX 76092	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
22	9314 8699 0430 0111 1479 95	Exxon Mobil Corporation 22777 Springwoods Village Parkway Spring TX 77389	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
23	9314 8699 0430 0111 1480 08	Hanley Petroleum, Inc. 415 W. Wall Street #1500 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
24	9314 8699 0430 0111 1480 15	LHAH Properties, LLC 250 Jungle Road Palm Beach FL 33480	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
25	9314 8699 0430 0111 1480 22	Janet R. Hanson, Domiciliary Foreign Personal Rep of Estate of Eric K. Hanson 2300 N. L Street Midland TX 79705	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
26	9314 8699 0430 0111 1480 39	TBO Oil & Gas, LLC P.O. Box 10502 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
27	9314 8699 0430 0111 1480 46	Boyd & McWilliams Energy Group, Inc. 550 W. Texas Avenue, Suite 310 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
28	9314 8699 0430 0111 1480 53	J. Cleo Thompson and James Cleo Thompson, Jr. 325 N. St. Paul Street, Suite 4300 Dallas TX 75201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
29	9314 8699 0430 0111 1480 60	Prospector, LLC P.O. Box 429 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
30	9314 8699 0430 0111 1480 77	Big Three Energy Group, LLC P.O. Box 429 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice



OCD Examiner Hearing 9-7-23

No. 23754

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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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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
31	9314 8699 0430 0111 1480 84	Featherstone Development Corporation P.O. Box 429 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
32	9314 8699 0430 0111 1480 91	C. Michael Brown d/b/a Bear Energy P.O. Box 417 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
33	9314 8699 0430 0111 1481 07	Wells Fargo Bank, National Association, Trustee of Robert N. Enfield Irrevocable Trust B 201 Main Street, Suite 400 Fort Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
34	9314 8699 0430 0111 1481 14	MLE, LLC 612 Old Santa Fe Trail Santa Fe NM 86505	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
35	9314 8699 0430 0111 1481 21	LJA Charitable Investments, LLC 850 New Burton Road, Suite 201 Dover DE 19904	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
36	9314 8699 0430 0111 1481 38	Santa Elena Minerals IV, LP 400 W. Illinois Avenue, Suite 1300 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
37	9314 8699 0430 0111 1481 45	Zunis Energy, LLC 15 E. 5th Street, Suite 3300 Tulsa OK 74103	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
38	9314 8699 0430 0111 1481 52	Penasco Petroleum LLC P.O. Box 2992 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
39	9314 8699 0430 0111 1481 69	Rolla R. Hinkle III P.O. Box 2292 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
40	9314 8699 0430 0111 1481 76	Justin T. Crum 411 N. Union Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
41	9314 8699 0430 0111 1481 83	Warren American Oil Company 6585 S. Yale Avenue Tulsa OK 74136	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
42	9314 8699 0430 0111 1481 90	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts 15 E. 5th Street, Suite 3300 Tulsa OK 74103	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
43	9314 8699 0430 0111 1482 06	Duer Wagner & Genevieve Wagner Roberts, Co- Trustees of the Wagner Family Trust 2525 N. Pearl Street, Suite 1903 Dallas TX 75201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
44	9314 8699 0430 0111 1482 13	911 Oil and Gas LLC 6500 West Freeway, Suite 222 Fort Worth TX 76185	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice



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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
45	9314 8699 0430 0111 1482 20	OTSS Investments LLC 6500 West Freeway, Suite 222 Fort Worth TX 76185	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
46	9314 8699 0430 0111 1482 37	Una Oreja LLC P.O. Box 101265 Fort Worth TX 76185	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
47	9314 8699 0430 0111 1482 44	Griffin Petroleum Company 2800 N. Big Spring Street Midland TX 79705	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
48	9314 8699 0430 0111 1482 51	Robert S. Lee P.O. Box 10523 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
49	9314 8699 0430 0111 1482 68	Gene Shumate, as separate property P.O. Box 2743 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
50	9314 8699 0430 0111 1482 75	Carol Shumate, as separate property P.O. Box 2743 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
51	9314 8699 0430 0111 1482 82	Isramco Resources, LLC 2425 West Loop South, Suite 810 Houston TX 77027	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
52	9314 8699 0430 0111 1482 99	Williamson Oil & Gas Company, LLC 303 Vetern's Airpark Lane, Suite 1100 Midland TX 79705	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
53	9314 8699 0430 0111 1483 05	Dolores McCall, a single woman P.O. Box 931 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
54	9314 8699 0430 0111 1483 12	G.K. Partners 401 E. 74th Street, #18H New York NY 10021	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
55	9314 8699 0430 0111 1483 29	MTX Interests LP 800 N. Marienfeld Street, Suite 100 Midland TX 79701	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
56	9314 8699 0430 0111 1483 36	M.D. Abel. Co. P.O. Box 949 Lampasas TX 76550	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
57	9314 8699 0430 0111 1483 43	Bishop-Windham Family Limited Partnership P.O. Box 2698 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
58	9314 8699 0430 0111 1483 50	Scott T. Peterson, whose wife is Billie Peterson P.O. Box 1112 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
59	9314 8699 0430 0111 1483 67	Doroil Corporation 1637 Prairie Mark Lane Houston TX 77077	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice



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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
60	9314 8699 0430 0111 1483 74	Donald E. Hockaday III, Trustee of the Dorothy L. Hockaday Trust 11607 Noblewood Crest Lane Houston TX 77082	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
61	9314 8699 0430 0111 1483 81	Christa Hinojosa (husband - Antonio Hinojosa) 1443 Scenic Ridge Houston TX 77043	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
62	9314 8699 0430 0111 1483 98	GBK Corporation 6733 S. Yale Avenue Tulsa OK 74136	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
63	9314 8699 0430 0111 1484 04	Mizel Resources, a Trust 4350 S. Monaco Street, 5th Floor Denver CO 80237	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
64	9314 8699 0430 0111 1484 11	Sisbro Oil & Gas, LLC 4350 S. Monaco Street, 5th Floor Denver CO 80237	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
65	9314 8699 0430 0111 1484 28	Triple T Resources, L.P. 4809 Cole Avenue, Suite 347 Dallas TX 75205	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
66	9314 8699 0430 0111 1484 35	Western American Exploration Company 12355 E. Cornell Avenue Aurora CO 80014	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
67	9314 8699 0430 0111 1484 42	Catherine Spinks 10519 Autry Road Santa Fe TX 77510	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
68	9314 8699 0430 0111 1484 59	Ken Kamon P.O. Box 10589 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
69	9314 8699 0430 0111 1484 66	Charles R. Wiggins P.O. Box 10862 Midland TX 79702	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
70	9314 8699 0430 0111 1484 73	Sanford Starman and Shirley Starman, Trustees of Sanford & Shirley Starman Rev. Trust P.O. Box 19698 Las Vegas NV 89132	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
71	9314 8699 0430 0111 1484 80	PEC Minerals, L.P. 14860 Montfort Drive, Suite 209 Dallas TX 75254	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
72	9314 8699 0430 0111 1484 97	Michael D. Hayes and Kathryn A. Hayes Co-Trustees of Hayes Rev. Trust 3608 Meadowridge Lane Midland TX 79707	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
73	9314 8699 0430 0111 1485 03	Chisos Minerals, LLC 2821 W. 7th Street, Suite 500 Fort Worth TX 76107	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice



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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
74	9314 8699 0430 0111 1485 10	Axis Energy Corporation P.O. Box 219303 Houston TX 77218	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
75	9314 8699 0430 0111 1485 27	Fasken Land and Minerals, LTD. 6101 Holiday Hill Road Midland TX 79707	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
76	9314 8699 0430 0111 1485 34	MAP00-NET James L. Williams IV, Agent 318 St. Charles Street Baton Rouge LA 70802	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
77	9314 8699 0430 0111 1485 41	CCB 1998 Trust, Ben J. Fortson, Jr., Trustee P.O. Box 1260 Forth Worth TX 76101	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
78	9314 8699 0430 0111 1485 58	Kimbell Art Foundation KRP Isles Management LLC, Agent Dept. 0650, P.O. Box 59000 Lafayette LA 70505	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
79	9314 8699 0430 0111 1485 65	Bill Burton 301 Commerce Street, Suite 3301 Fort Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
80	9314 8699 0430 0111 1485 72	Ben J. Fortson Children's Trust Ben J. Fortson III, Trustee 301 Commerce Street, Suite 3301 Fort Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
81	9314 8699 0430 0111 1485 89	Robert C. Grable 201 Main Street, Suite 2500 Fort Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
82	9314 8699 0430 0111 1485 96	MWB 1998 Trust, Ben J. Fortson, Jr., Trustee P.O. Box 1260 Fort Worth TX 76101	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
83	9314 8699 0430 0111 1486 02	DCB 1998 Trust, Ben J. Fortson, Jr., Trustee P.O. Box 1260 Fort Worth TX 76101	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
84	9314 8699 0430 0111 1486 19	The Roach Foundation 100 Throckmorton Street, Suite 480 Forth Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
85	9314 8699 0430 0111 1486 26	Mark Bertram Murphy Trust Mark B. Murphy, Trustee P.O. Box 2484 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
86	9314 8699 0430 0111 1486 33	Laura Elizabeth Murphy Trust Mark B. Murphy, Trustee P.O. Box 2484 Roswell NM 88202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
87	9314 8699 0430 0111 1486 40	Matthew Bert Murphy Trust Matthew B. Murphy, Trustee 7 Victoria Court Roswell NM 88201	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice

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55

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Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
88	9314 8699 0430 0111 1486 57	Ann Murphy Daily Trust Ann Murphy Daily, Trustee P.O. Box 2648 Roswell NM 80202	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
89	9314 8699 0430 0111 1486 64	Mid-Continent Energy, Inc. 100 W. 5th Street, Suite 450 Tulsa OK 74103	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
90	9314 8699 0430 0111 1486 71	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
91	9314 8699 0430 0111 1486 88	Cathleen Ann Adams, Trustee of Cathleen Ann Adams Rev. Trust dated 9/25/2020 P.O. Box 45807 Rio Rancho NM 87174	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
92	9314 8699 0430 0111 1486 95	Susan Arrott, Trustee of Arrott Family Rev. Trust successor to Susan Carol Arrott P.O. Box 95074 North Little Rock AR 95074	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
93	9314 8699 0430 0111 1487 01	Howard A. Rubin, Inc. P.O. Box 58 El Rito NM 87530	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
94	9314 8699 0430 0111 1487 18	Rubie Crosby Bell Family LLC 213 20th Street New Orleans LA 70124	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
95	9314 8699 0430 0111 1487 25	Bryan Bell Family LLC 213 20th Street New Orleans LA 70124	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
96	9314 8699 0430 0111 1487 32	AGS Oil & Gas Holdings, Inc. 10 Inverness Drive East, Suite 155 Englewood CO 80112	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
97	9314 8699 0430 0111 1487 49	AGS Oil & Gas Holdings #2, Inc. 10 Inverness Drive East, Suite 155 Englewood CO 80112	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
98	9314 8699 0430 0111 1487 56	Sydtran, L.P. P.O. Box 940549 Houston TX 77094	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
99	9314 8699 0430 0111 1487 63	Rialto Production Co. P.O. Box 981028 Houston TX 77098	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
100	9314 8699 0430 0111 1487 70	Bucjag Investments, LLC 777 Main Street, Suite 3800 Fort Worth TX 76102	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
101	9314 8699 0430 0111 1487 87	Damrak Resources LLC 2975 Blackburn Street, Apt. 1624 Dallas TX 75204	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice

OCD Examiner Hearing 9-7-23

No. 23754

56

Released to Imaging: 9/5/2023 11:20:09 AM

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
08/17/2023

Firm Mailing Book ID: 250930

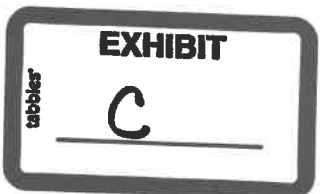
Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
102	9314 8699 0430 0111 1487 94	Nonnortootie LLC 3912 Summercrest Drive Fort Worth TX 76109	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
103	9314 8699 0430 0111 1488 00	Lisa M. Enfield Trust, Lisa Enfield & successors as Trustee under Agreement 1/23/15 465 Camino Manzano Santa Fe NM 87505	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
104	9314 8699 0430 0111 1488 17	MLE, LLC 612 Old Santa Fe Trail Santa Fe NM 87505	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
105	9314 8699 0430 0111 1488 24	Childress Royalty Company P.O. Box 266 Joplin MO 64802	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
106	9314 8699 0430 0111 1488 31	Chevron USA, Inc. 1400 Smith Houston TX 77002	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
107	9314 8699 0430 0111 1488 48	Chevron USA, Inc. 6001 Bollinger Canyon Road San Ramon CA 94583	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
108	9314 8699 0430 0111 1488 55	A.L. Peters and wife, Billie Peters 8740 Cornell Avenue Odessa TX 79765	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
109	9314 8699 0430 0111 1488 62	Black Stone Minerals Company, L.P. 1001 Fanin, Suite 2020 Houston TX 77002	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
110	9314 8699 0430 0111 1488 79	Matagorda B1, L.P c/o Sentinel Trust Company, LBA 2001 Kirby Drive, Suite 1200 Houston TX 77019	\$1.59	\$4.35	\$2.20	\$0.00	81363.0233Pierogi Notice
Totals:			\$174.90	\$478.50	\$242.00	\$0.00	
			Grand Total:		\$895.40		

List Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster: Name of receiving employee	Dated:
110			

Received by OCD: 9/5/2023 9:11:16 AM

Transaction Report Details - CertifiedPro.net
Firm Mail Book ID= 250930
Generated: 9/5/2023 7:24:09 AM

USPS Article Number	Date Created	Reference Number	Name 1	Name 2	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
931486990430011148879	2023-08-17 12:37 PM	81363.0233Pierogi	Matagorda B1, L.P	c/o Sentinel Trust Company, LBA	Houston	TX	77019	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-26 12:07 PM
931486990430011148862	2023-08-17 12:37 PM	81363.0233Pierogi	Black Stone Minerals Company, L.P.		Houston	TX	77002	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 2:26 PM
931486990430011148855	2023-08-17 12:37 PM	81363.0233Pierogi	A.L. Peters and wife, Billie Peters		Odessa	TX	79765	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 4:38 PM
931486990430011148848	2023-08-17 12:37 PM	81363.0233Pierogi	Chevron USA, Inc.		San Ramon	CA	94583	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 12:00 AM
931486990430011148831	2023-08-17 12:37 PM	81363.0233Pierogi	Chevron USA, Inc.		Houston	TX	77002	Delivered	Return Receipt - Electronic, Certified Mail	
931486990430011148824	2023-08-17 12:37 PM	81363.0233Pierogi	Childress Royalty Company		Joplin	MO	64802	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148817	2023-08-17 12:37 PM	81363.0233Pierogi	MLE, LLC		Santa Fe	NM	87505	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 1:09 PM
931486990430011148800	2023-08-17 12:37 PM	81363.0233Pierogi	Lisa M. Enfield Trust, Lisa Enfield & successors	as Trustee under Agreement 1/23/15	Santa Fe	NM	87505	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-25 3:59 PM
931486990430011148794	2023-08-17 12:37 PM	81363.0233Pierogi	Nonnortoolie LLC		Fort Worth	TX	76109	To be Returned	Return Receipt - Electronic, Certified Mail	
931486990430011148787	2023-08-17 12:37 PM	81363.0233Pierogi	Damrak Resources LLC		Dallas	TX	75204	Delivered	Return Receipt - Electronic, Certified Mail	
931486990430011148770	2023-08-17 12:37 PM	81363.0233Pierogi	Bucjag Investments, LLC		Fort Worth	TX	76102	To be Returned	Return Receipt - Electronic, Certified Mail	2023-08-30 4:38 PM
931486990430011148763	2023-08-17 12:37 PM	81363.0233Pierogi	Rialto Production Co.		Houston	TX	77098	Delivered	Return Receipt - Electronic, Certified Mail	
931486990430011148756	2023-08-17 12:37 PM	81363.0233Pierogi	Sydtran, L.P.		Houston	TX	77094	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 11:00 AM
931486990430011148749	2023-08-17 12:37 PM	81363.0233Pierogi	AGS Oil & Gas Holdings #2, Inc.		Englewood	CO	80112	To be Mailed	Return Receipt - Electronic, Certified Mail	2023-08-28 11:41 AM
931486990430011148732	2023-08-17 12:37 PM	81363.0233Pierogi	AGS Oil & Gas Holdings, Inc.		Englewood	CO	80112	To be Mailed	Return Receipt - Electronic, Certified Mail	
931486990430011148725	2023-08-17 12:37 PM	81363.0233Pierogi	Bryan Bell Family LLC		New Orleans	LA	70124	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148718	2023-08-17 12:37 PM	81363.0233Pierogi	Robie Crosby Bell Family LLC		New Orleans	LA	70124	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148701	2023-08-17 12:37 PM	81363.0233Pierogi	Howard A. Rubin, Inc.		El Rito	NM	87530	Undelivered - To Be Returned	Return Receipt - Electronic, Certified Mail	
931486990430011148695	2023-08-17 12:37 PM	81363.0233Pierogi	Susan Arrott, Trustee of Arrott Family Rev. Trust	successor to Susan Carol Arrott	North Little Rock	AR	95074	Returned to Sender	Return Receipt - Electronic, Certified Mail	2023-09-02 9:51 AM
931486990430011148688	2023-08-17 12:37 PM	81363.0233Pierogi	Cathleen Ann Adams, Trustee of Cathleen Ann Adams	Rev. Trust dated 9/25/2020	Rio Rancho	NM	87174	To be Returned	Return Receipt - Electronic, Certified Mail	
931486990430011148671	2023-08-17 12:37 PM	81363.0233Pierogi	United States of America	Bureau of Land Management	Santa Fe	NM	87508	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 1:19 PM
931486990430011148664	2023-08-17 12:37 PM	81363.0233Pierogi	Mid-Continent Energy, Inc.		Tulsa	OK	74103	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148657	2023-08-17 12:37 PM	81363.0233Pierogi	Ann Murphy Daily Trust	Ann Murphy Daily, Trustee	Roswell	NM	80202	To be Returned	Return Receipt - Electronic, Certified Mail	
931486990430011148640	2023-08-17 12:37 PM	81363.0233Pierogi	Matthew Bert Murphy Trust	Matthew B. Murphy, Trustee	Roswell	NM	88201	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 9:13 AM
931486990430011148633	2023-08-17 12:37 PM	81363.0233Pierogi	Laura Elizabeth Murphy Trust	Mark B. Murphy, Trustee	Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 10:52 AM
931486990430011148626	2023-08-17 12:37 PM	81363.0233Pierogi	Mark Bertram Murphy Trust	Mark B. Murphy, Trustee	Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 10:52 AM
931486990430011148619	2023-08-17 12:37 PM	81363.0233Pierogi	The Roach Foundation		Fort Worth	TX	76102	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148602	2023-08-17 12:37 PM	81363.0233Pierogi	DCB 1998 Trust, Ben J. Fortson, Jr., Trustee		Fort Worth	TX	76101	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-24 8:24 AM
931486990430011148596	2023-08-17 12:37 PM	81363.0233Pierogi	MWB 1998 Trust, Ben J. Fortson, Jr., Trustee		Fort Worth	TX	76101	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-24 8:24 AM
931486990430011148589	2023-08-17 12:37 PM	81363.0233Pierogi	Robert C. Grable		Fort Worth	TX	76102	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 10:49 AM
931486990430011148572	2023-08-17 12:37 PM	81363.0233Pierogi	Ben J. Fortson Children's Trust	Ben J. Fortson III, Trustee	Fort Worth	TX	76102	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148565	2023-08-17 12:37 PM	81363.0233Pierogi	Bill Burton		Fort Worth	TX	76102	To be Returned	Return Receipt - Electronic, Certified Mail	
931486990430011148558	2023-08-17 12:37 PM	81363.0233Pierogi	Kimbell Art Foundation	KRP Isles Management LLC, Agent	Lafayette	LA	70505	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 10:56 AM
931486990430011148541	2023-08-17 12:37 PM	81363.0233Pierogi	CCB 1998 Trust, Ben J. Fortson, Jr., Trustee		Fort Worth	TX	76101	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-24 8:24 AM
931486990430011148534	2023-08-17 12:37 PM	81363.0233Pierogi	MAPOO-NET	James L. Williams IV, Agent	Baton Rouge	LA	70802	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 10:59 AM
931486990430011148527	2023-08-17 12:37 PM	81363.0233Pierogi	Fasken Land and Minerals, LTD.		Midland	TX	79707	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148510	2023-08-17 12:37 PM	81363.0233Pierogi	Axis Energy Corporation		Houston	TX	77218	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148503	2023-08-17 12:37 PM	81363.0233Pierogi	Chisos Minerals, LLC		Fort Worth	TX	76107	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 12:28 PM
931486990430011148497	2023-08-17 12:37 PM	81363.0233Pierogi	Michael D. Hayes and Kathryn A. Hayes	Co-Trustees of Hayes Rev. Trust	Midland	TX	79707	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148480	2023-08-17 12:37 PM	81363.0233Pierogi	PEC Minerals, L.P.		Dallas	TX	75254	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148473	2023-08-17 12:37 PM	81363.0233Pierogi	Sanford Starman and Shirley Starman, Trustees of	Sanford & Shirley Starman Rev. Trust	Las Vegas	NV	89132	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148466	2023-08-17 12:37 PM	81363.0233Pierogi	Charles R. Wiggins		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 10:46 AM
931486990430011148459	2023-08-17 12:37 PM	81363.0233Pierogi	Ken Karon		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-25 4:53 PM
931486990430011148442	2023-08-17 12:37 PM	81363.0233Pierogi	Catherine Spinks		Santa Fe	TX	77510	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 11:18 AM
931486990430011148435	2023-08-17 12:37 PM	81363.0233Pierogi	Western American Exploration Company		Aurora	CO	80014	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148428	2023-08-17 12:37 PM	81363.0233Pierogi	Triple T Resources, L.P.		Dallas	TX	75205	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-24 2:24 PM
931486990430011148411	2023-08-17 12:37 PM	81363.0233Pierogi	Sisbro Oil & Gas, LLC		Denver	CO	80237	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 2:15 PM
931486990430011148404	2023-08-17 12:37 PM	81363.0233Pierogi	Mizel Resources, a Trust		Denver	CO	80237	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 10:44 AM
931486990430011148398	2023-08-17 12:37 PM	81363.0233Pierogi	GBK Corporation		Tulsa	OK	74136	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 3:58 PM
931486990430011148381	2023-08-17 12:37 PM	81363.0233Pierogi	Christa Hinojosa	(husband - Antonio Hinojosa)	Houston	TX	77043	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 12:59 PM
931486990430011148374	2023-08-17 12:37 PM	81363.0233Pierogi	Donald E. Hockaday III, Trustee of the	Dorothy L. Hockaday Trust	Houston	TX	77082	Delivered	Return Receipt - Electronic, Certified Mail	
931486990430011148367	2023-08-17 12:37 PM	81363.0233Pierogi	Doroll Corporation		Houston	TX	77077	Undelivered	Return Receipt - Electronic, Certified Mail	
931486990430011148350	2023-08-17 12:37 PM	81363.0233Pierogi	Scott T. Peterson, whose wife is Billie Peterson		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 12:51 PM
931486990430011148343	2023-08-17 12:37 PM	81363.0233Pierogi	Bishop-Windham Family Limited Partnership		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 4:26 PM
931486990430011148336	2023-08-17 12:37 PM	81363.0233Pierogi	M.D. Abel, Co.		Lampasas	TX	76550	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 9:33 AM
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931486990430011148312	2023-08-17 12:37 PM	81363.0233Pierogi	G.K. Partners		New York	NY	10021	Undelivered - To Be Returned	Return Receipt - Electronic, Certified Mail	
931486990430011148305	2023-08-17 12:37 PM	81363.0233Pierogi	Dolores McCall, a single woman		Midland	TX	79702	Returned to Sender	Return Receipt - Electronic, Certified Mail	



9314869904300111148299	2023-08-17 12:37 PM	81363.0233Pierogi	Williamson Oil & Gas Company, LLC	Midland	TX	79705	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 9:25 AM
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9314869904300111148268	2023-08-17 12:37 PM	81363.0233Pierogi	Gene Shumate, as separate property	Midland	TX	79702	To Be Returned	Return Receipt - Electronic, Certified Mail	
9314869904300111148251	2023-08-17 12:37 PM	81363.0233Pierogi	Robert S. Lee	Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 12:08 PM
9314869904300111148244	2023-08-17 12:37 PM	81363.0233Pierogi	Griffin Petroleum Company	Midland	TX	79705	Undelivered	Return Receipt - Electronic, Certified Mail	
9314869904300111148237	2023-08-17 12:37 PM	81363.0233Pierogi	Una Oreja LLC	Fort Worth	TX	76185	Undelivered - Forwarded	Return Receipt - Electronic, Certified Mail	
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9314869904300111148190	2023-08-17 12:37 PM	81363.0233Pierogi	Susannah D. Adelson, Trustee of the James	Tulsa	OK	74103	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 12:53 PM
9314869904300111148183	2023-08-17 12:37 PM	81363.0233Pierogi	Warren American Oil Company	Tulsa	OK	74136	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 10:44 AM
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9314869904300111148169	2023-08-17 12:37 PM	81363.0233Pierogi	Rolla R. Hinkle III	Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-29 11:55 AM
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9314869904300111148053	2023-08-17 12:37 PM	81363.0233Pierogi	J. Cleo Thompson and James Cleo Thompson, Jr.	Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 12:00 AM
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9314869904300111147988	2023-08-17 12:37 PM	81363.0233Pierogi	Excess Energy, LLC	Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-24 2:24 PM
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9314869904300111147940	2023-08-17 12:37 PM	81363.0233Pierogi	J. M. Beique	Dallas	TX	75248	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-24 2:45 PM
9314869904300111147933	2023-08-17 12:37 PM	81363.0233Pierogi	Nancy Goldberg	Dallas	TX	75205	Undelivered	Return Receipt - Electronic, Certified Mail	
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9314869904300111147919	2023-08-17 12:37 PM	81363.0233Pierogi	Foran Oil Company	Houston	TX	77433	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 2:15 PM
9314869904300111147902	2023-08-17 12:37 PM	81363.0233Pierogi	Broughton Petroleum, Inc.	Katy	TX	77493	Undelivered	Return Receipt - Electronic, Certified Mail	
9314869904300111147896	2023-08-17 12:37 PM	81363.0233Pierogi	Sandra Richards Adams	Tulsa	OK	74103	Undelivered	Return Receipt - Electronic, Certified Mail	
9314869904300111147889	2023-08-17 12:37 PM	81363.0233Pierogi	Mid-Continent Energy, Inc.	Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 10:47 AM
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9314869904300111147834	2023-08-17 12:37 PM	81363.0233Pierogi	Roy G. Barton Jr., whose wife is Claudia Barton	Fort Worth	TX	76110	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 6:09 PM
9314869904300111147827	2023-08-17 12:37 PM	81363.0233Pierogi	Roy E. Guinnup	Plano	TX	75024	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-21 11:38 AM
9314869904300111147810	2023-08-17 12:37 PM	81363.0233Pierogi	CXA Oil & Gas Holdings, LP	Dallas	TX	75240	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-23 12:50 PM
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9314869904300111147797	2023-08-17 12:37 PM	81363.0233Pierogi	WPX Energy Permian, LLC	Tulsa	OK	74147	Delivered	Return Receipt - Electronic, Certified Mail	2023-08-22 7:44 AM
9314869904300111147780	2023-08-17 12:37 PM	81363.0233Pierogi	S K Warren Resources, LLC						

Carlsbad Current Argus.

PRINTED ON RECYCLED PAPER

Affidavit of Publication

Ad # 0005803843

This is not an Invoice

MODRALL SPERLING
POBOX 2168

ALBUQUERQUE, NM 87103

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

08/22/2023



Legal Clerk

Subscribed and sworn before me this August 25, 2023:



State of WI, County of Brown
NOTARY PUBLIC

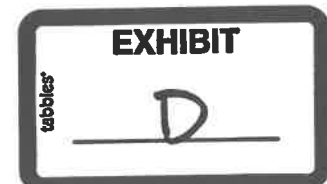


My commission expires

MARIAH VERHAGEN
Notary Public
State of Wisconsin

Ad # 0005803843
PO #: CASE NO. 23754
of Affidavits: 1

This is not an Invoice



CASE NO. 23754: Notice to all affected parties, as well as heirs and devisees of: S.K. Warren Resources, LLC; WPX Energy Permian, LLC; MRC Permian Company; CXA Oil & Gas Holdings, LP; Roy E. Guinnup; Roy G. Barton Jr, whose wife is Claudia Barton; Chevron USA, Inc.; RKC, Inc.; OXY USA, Inc.; Americawest Resources, LLC; Mid-Continent Energy, Inc.; Sandra Richards Adams; Broughton Petroleum, Inc.; Foran Oil Company; Elizabeth Fjolek; Nancy Goldberg; J.M. Belque; Chevron MidContinent, L.P.; Triple T. Resources, L.P.; Magnum Hunter Production, Inc.; Excess Energy, LLC; Exxon Mobil Corporation; Hanley Petroleum, Inc.; LHAH Properties, LLC; Janet R. Hanson, Domiciliary Foreign Personal Representative of Estate of Eric K. Hanson, deceased; TBO Oil & Gas, LLC; Boyd & McWilliams Energy Group, Inc.; J. Cleo Thompson and James Cleo Thompson, Jr., LP., attn.: S. Hooser, Prospector, LLC; Big Three Energy Group, LLC; Featherstone Development Corporation; C. Michael Brown d/b/a Bear Energy; Wells Fargo Bank, National Association, Trustee of the Robert N. Enfield Irrevocable Trust B; MLE, 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; Susanna D. Adelson, Trustee of the James Adelson & Family 2015 Trusts; 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); 911 Oil and Gas LLC; OTSS Investments LLC; Una Oreja 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; Doroll Corporation; Donald E. Hockaday III, Trustee of the Dorothy L. Hockaday Trust; Christa Hinojosa, whose husband is Antonio Hinojosa; GBK Corporation; Mizel Resources, a Trust; Sisbro Oil & Gas, LLC; Triple T Resources, L.P.; Western American Exploration Company; Catherine Spinks; Ken Kamon; Charles R. Wiggins; Sanford Starman and Shirley Starman, Trustees of Sanford & Shirley Starman 1991 Revocable Trust; PEC Minerals, L.P.; Michael D. Hayes and Kathryn A. Hayes, Co-Trustees of Hayes Revocable Trust; 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 Bert Murphy Trust, Matthew B. Murphy, Trustee; Ann Murphy Daily Trust, Ann Murphy Daily, Trustee; 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.; Sydran L.P.; Rialto Production Co.; Budjag Investments, LLC; Damrak Resources LLC; Nonnortootie LLC; Lisa M. Enfield Trust, Lisa M. Enfield and her successors as Trustee under the Agreement 1/23/2015; Childress Royalty Company; A.L. Peters and wife, Billie Peters; Black Stone Minerals Company, L.P.; Matagorda B1, L.P.; and United States of America Bureau of Land Management of 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 September 7, 2023 to consider this application. Information about accessing the electronic hearing is posted at "OCD NOTICES" at <https://www.emnrd.nm.gov/oed/hearing-info/>. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a standard 960-acre, more or less, Bone Spring horizontal spacing unit underlying the E/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 Pierogi BS Federal Com 301H, Pierogi BS Federal Com 302H, Pierogi BS Federal Com 501H, Pierogi BS Federal Com 502H, Pierogi BS Federal Com 551H, and Pierogi BS Federal Com 552H wells, to be horizontally drilled. The wells will be drilled at orthodox locations. The completed intervals for the Pierogi BS Federal Com 301H and the Pierogi BS Federal Com 502H are each 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 4.93 miles

FROM LOVING, NEW MEXICO.
#5803843, Current Argus, August 22, 2023

**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. 23754

SELF AFFIRMED DECLARATION OF GREG BURATOWSKI

Greg Buratowski hereby states and declares as follows:

1. I am over the age of 18, I am a geologist for Marathon Oil Permian LLC ("Marathon"), and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum geologist were accepted by the Division as a matter of record.
2. My area of responsibility at Marathon includes the area of Eddy County in New Mexico.
3. I am familiar with the application filed by Marathon in this case.
4. **Exhibit C.1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.
5. **Exhibit C.2** is a wellbore schematic showing Marathon's development plan.
6. **Exhibits C.3 through C.6** are the geology study I prepared for the Pierogi BS Federal Com 301H and Pierogi BS Federal Com 302H wells, which will target the First Bone Spring formation.
7. **Exhibit C.3** is a structure map of the top of the First Bone Spring formation. The proposed spacing unit is identified by a black-dashed box. The Pierogi BS Federal Com 301H and



Pierogi BS Federal Com 302H wells are identified by the red lines and labeled as wells “3” and “6”. The contour interval used in this exhibit is 25 feet. This exhibit shows that the structure dips towards the east.

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

9. **Exhibit C.5** is a stratigraphic cross-section, and the wells shown on the cross-section give a representative sample of the First Bone Spring formation in the area. The producing zones are identified by green shading.

10. **Exhibit C.6** is a Gross Interval Isochore of the top of the First Bone Spring formation. The First Bone Spring thickens towards the east and south across the project area.

11. **Exhibits C.7 through C.10** are the geology study I prepared for the Pierogi BS Federal Com 501H and Pierogi BS Federal Com 502H wells, which will target the Second Bone Spring formation.

12. **Exhibit C.7** is a structure map of the top of the Second Bone Spring formation. The proposed spacing unit is identified by a black-dashed box. The Pierogi BS Federal Com 501H and Pierogi BS Federal Com 502H wells are identified by red lines and are labeled as wells “1” and “4”. The contour interval used in this exhibit is 25 feet. This exhibit shows that the structure dips towards the east.

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

14. **Exhibit C.9** is a stratigraphic cross-section, and the wells shown on the cross-section give a representative sample of the Second Bone Spring formation in the area. The producing zones are identified by green shading.

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

16. **Exhibits C.11 through C.14** are the geology study I prepared for the Pierogi BS Federal Com 551H and Pierogi BS Federal Com 552H wells, which will target the Third Bone Spring formation.

17. **Exhibit C.11** is a structure map of the top of the Third Bone Spring formation. The proposed spacing unit is by a black-dashed box. The Pierogi BS Federal Com 551H and Pierogi BS Federal Com 552H wells are identified by red lines and are labeled as wells "2" and "5". The contour interval used in this exhibit is 25 feet. This exhibit shows that the structure dips towards the east.

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

19. **Exhibit C.13** is a stratigraphic cross-section, and the wells shown on the cross-section give a representative sample of the Third Bone Spring formation in the area. The producing zones are identified by green shading.

20. **Exhibit C.14** is a Gross Interval Isochore of the top of the Third Bone Spring formation. The Third Bone Spring has consistent thickness across the project area.

21. I conclude from the geology studies referenced above 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 in the proposed unit will contribute more or less equally to

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

23. The preferred well orientation in this area is either north/south or east/west.

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

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

[Signature page follows]

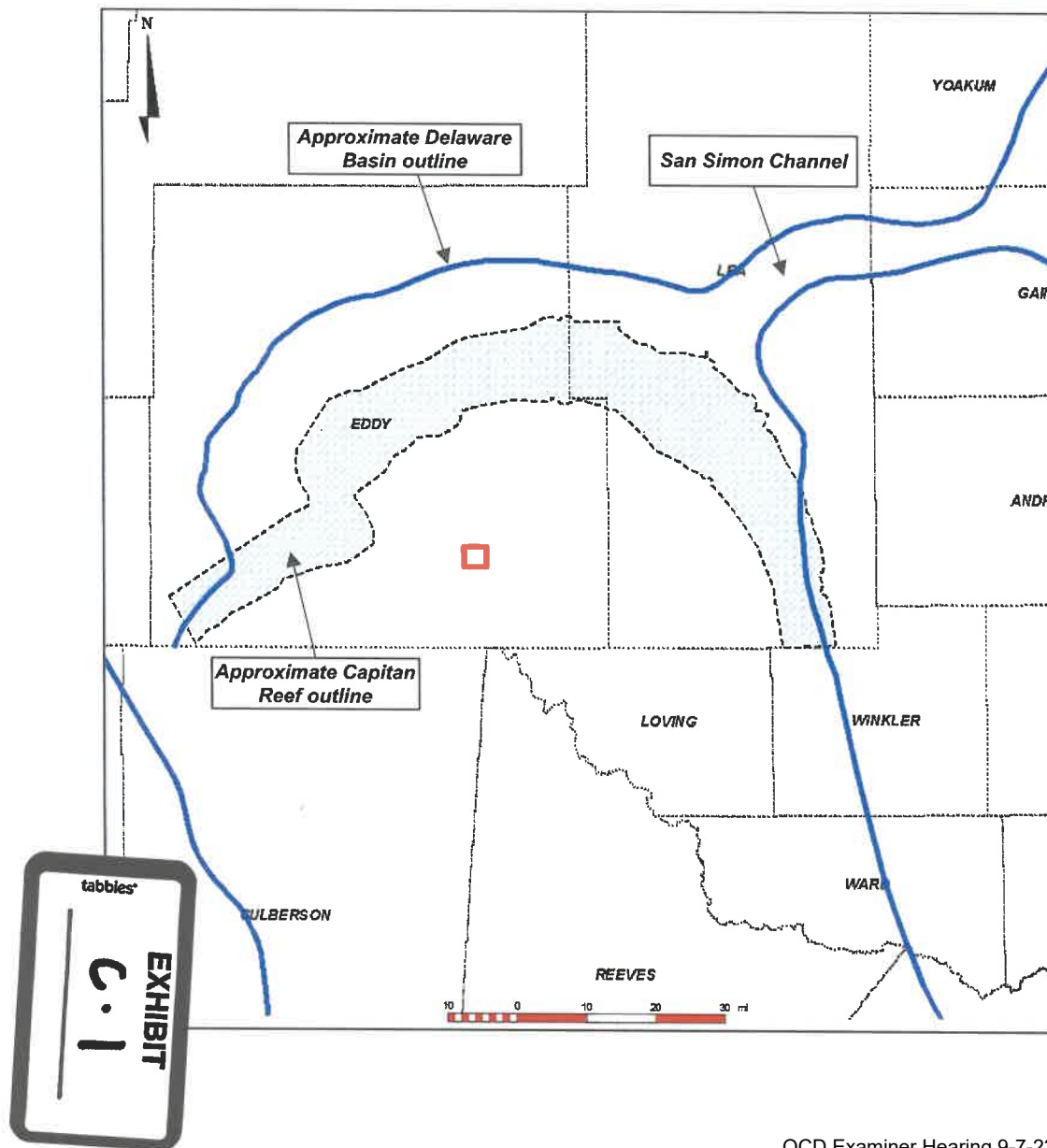
I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: August 31st, 2023


Greg Buratowski

Pierogi Federal Com Unit

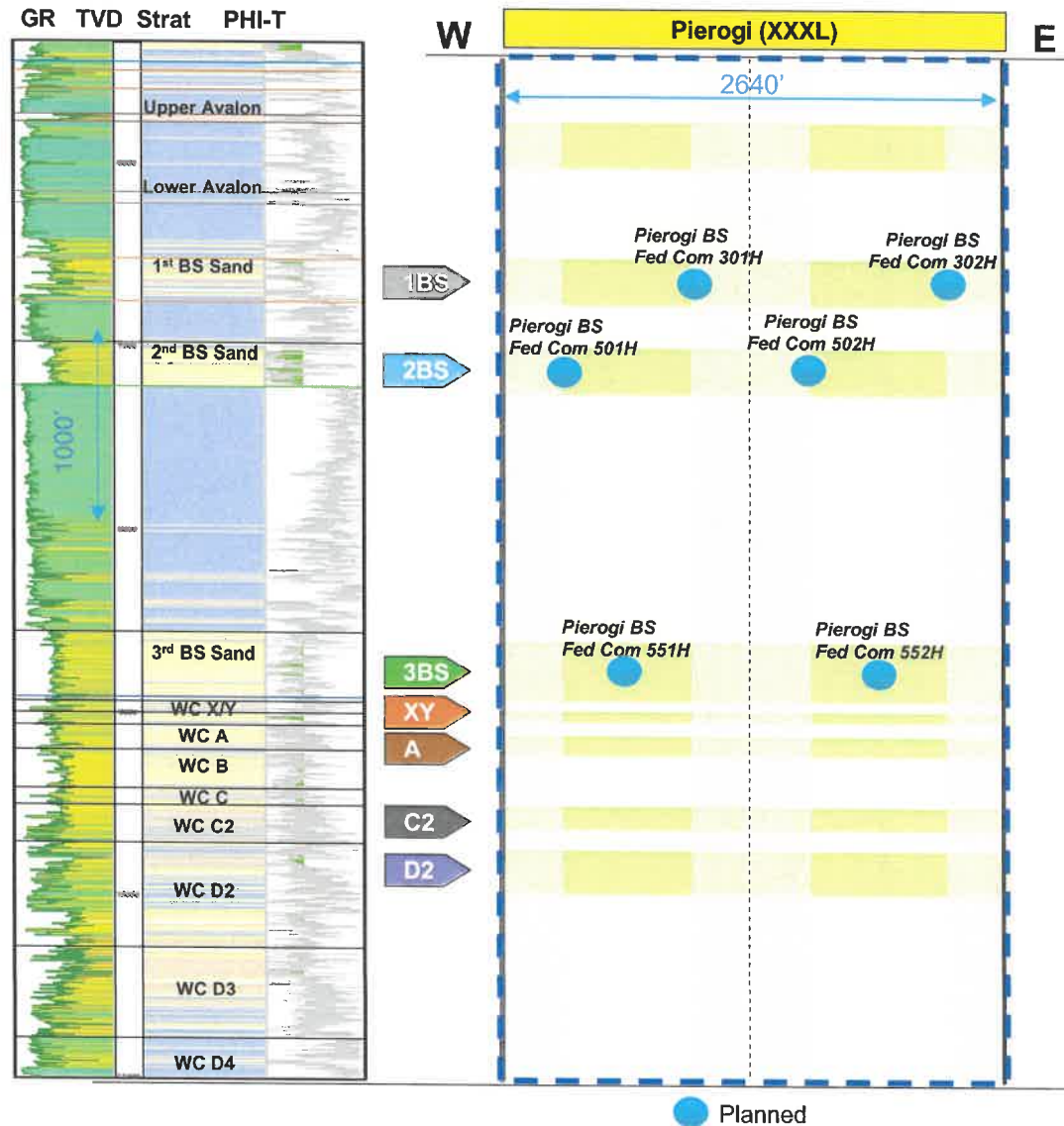
Locator Map



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

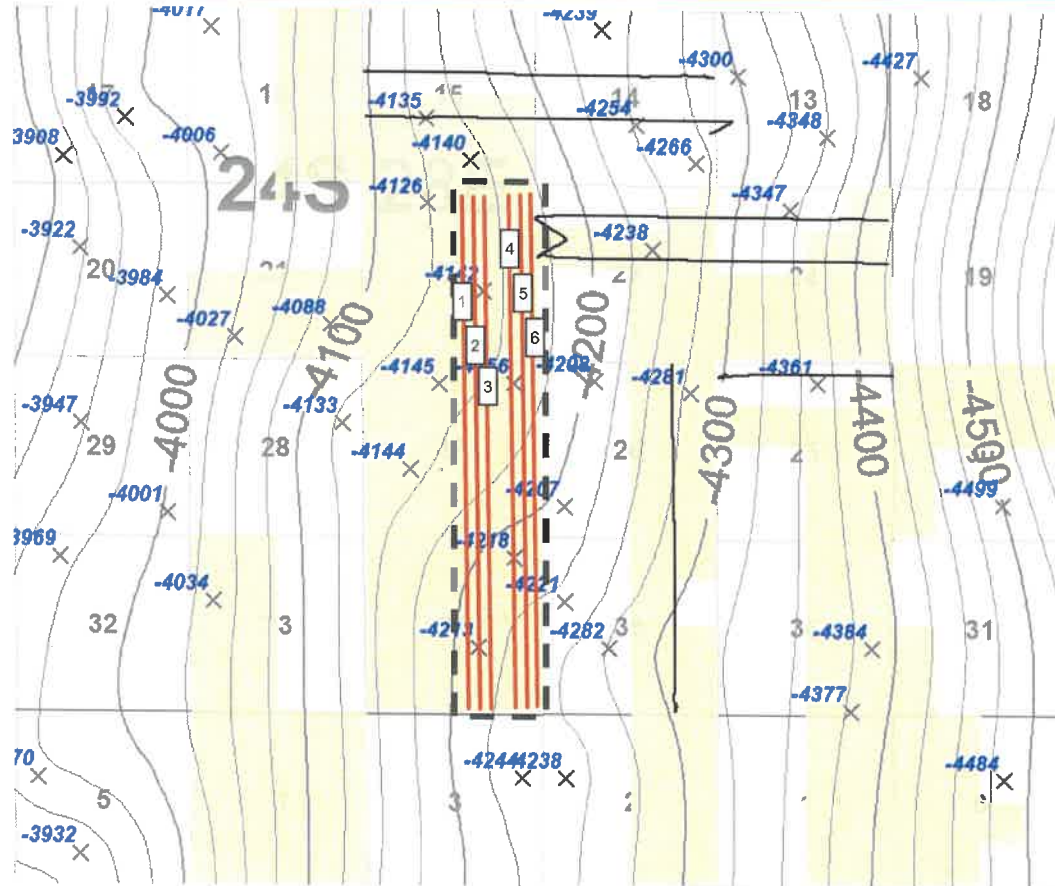
Pierogi Federal Com Unit

Wellbore Schematic



Pierogi Federal Com Unit

Structure Map – Top of First Bone Spring (TVDSS)



- 1 Pierogi BS Federal Com 501H
- 2 Pierogi BS Federal Com 551H
- 3 Pierogi BS Federal Com 301H
- 4 Pierogi BS Federal Com 502H
- 5 Pierogi BS Federal Com 552H
- 6 Pierogi BS Federal Com 302H

Map Legend*

- Proposed Wells
- Existing First Bone Spring wells

C.I. = 25'

1 mile



MRO Acreage Project Area

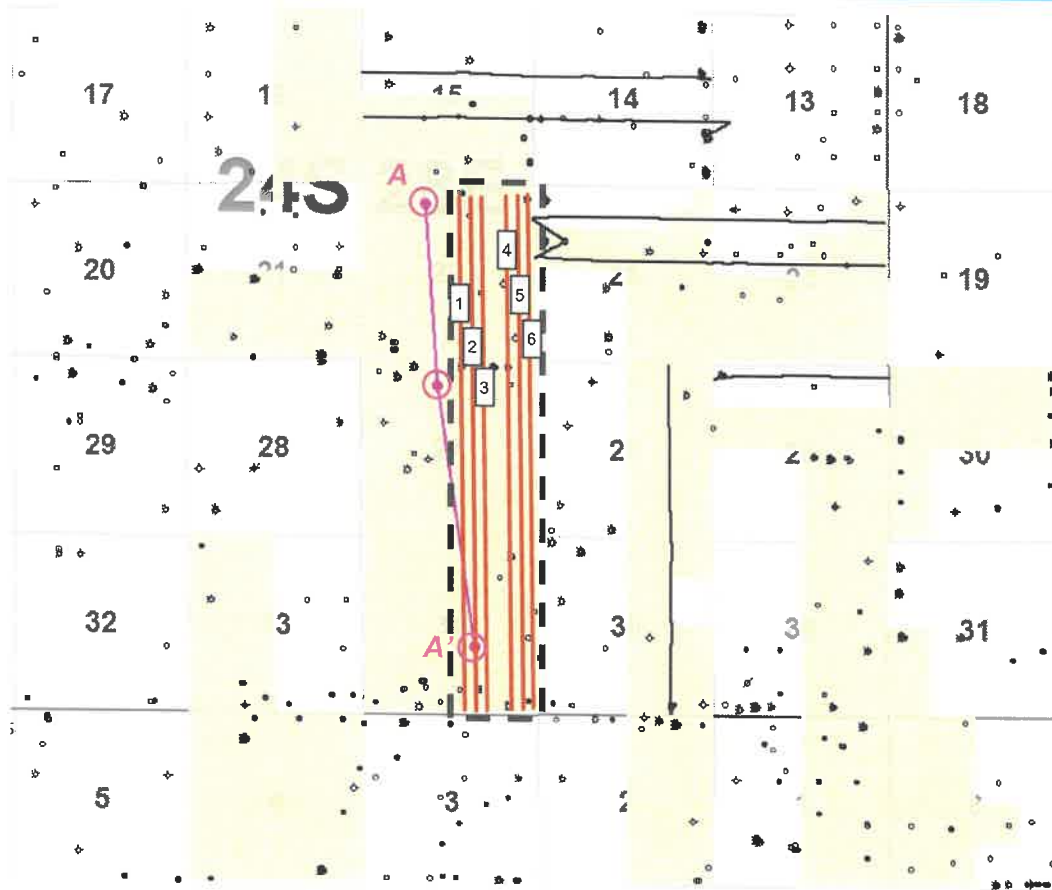
The top of the First Bone Spring dips towards the east.

EXHIBIT

C-3

Pierogi Federal Com Unit

Reference Map for Cross Section



- | | |
|---|-----------------------------|
| 1 | Pierogi BS Federal Com 501H |
| 2 | Pierogi BS Federal Com 551H |
| 3 | Pierogi BS Federal Com 301H |
| 4 | Pierogi BS Federal Com 502H |
| 5 | Pierogi BS Federal Com 552H |
| 6 | Pierogi BS Federal Com 302H |

Map Legend*

- Proposed Wells
- Existing First Bone
- Spring wells

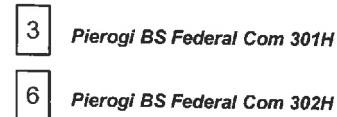
C.I. = 25'

1 mile

MRO Acreage Project Area



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



1 mile

Proposed Wells



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

C-5

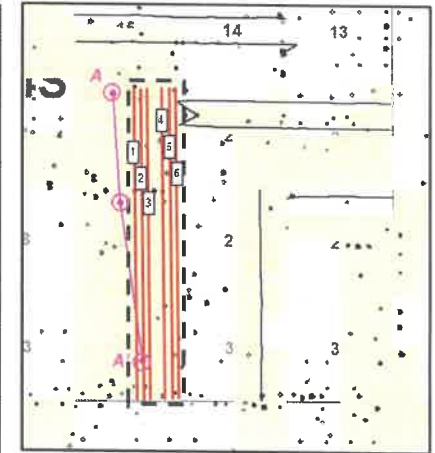
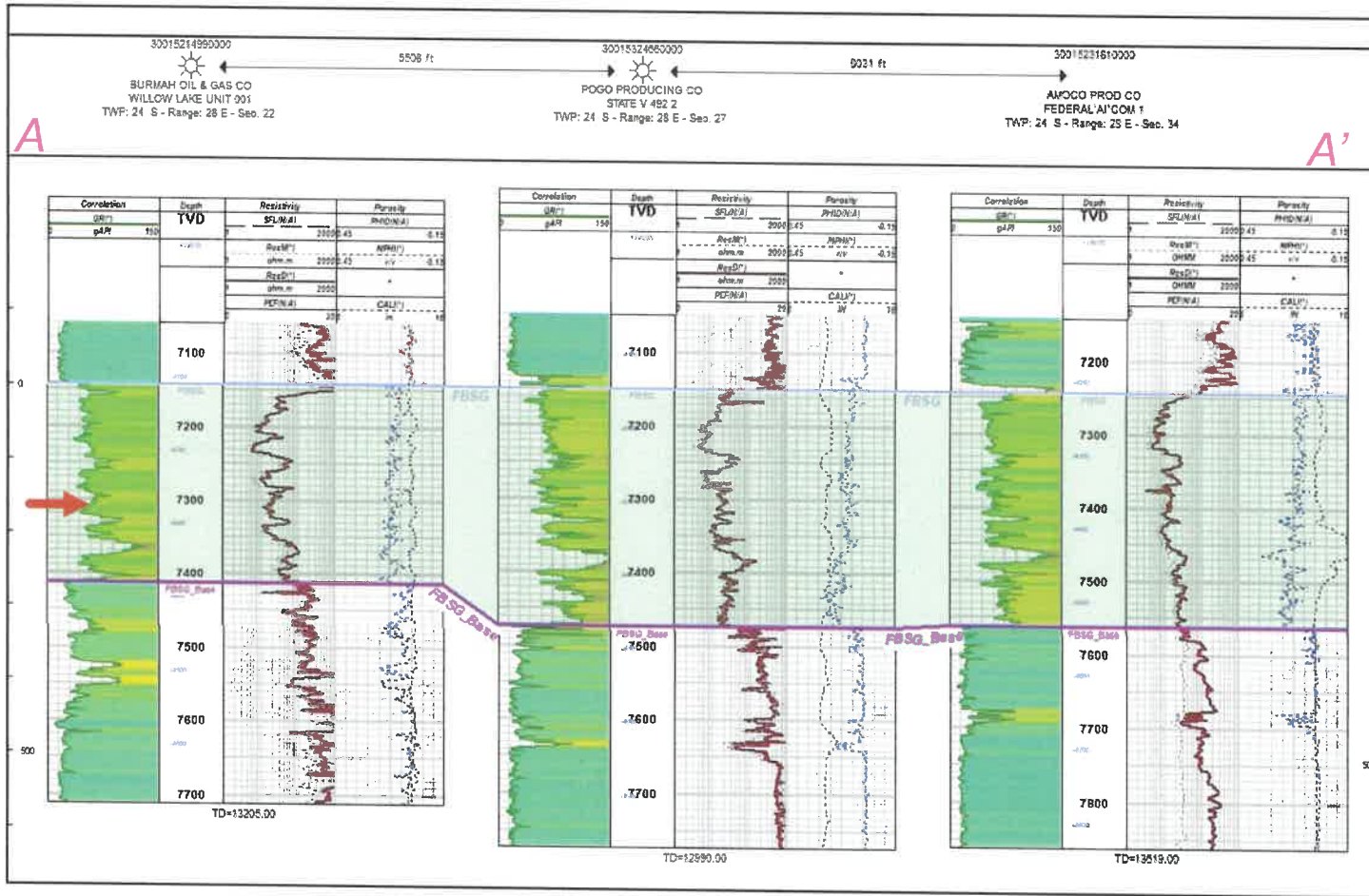
72



Marathon Oil

Pierogi Federal Com Unit

Stratigraphic Cross Section (Top First Bone Spring Datum)

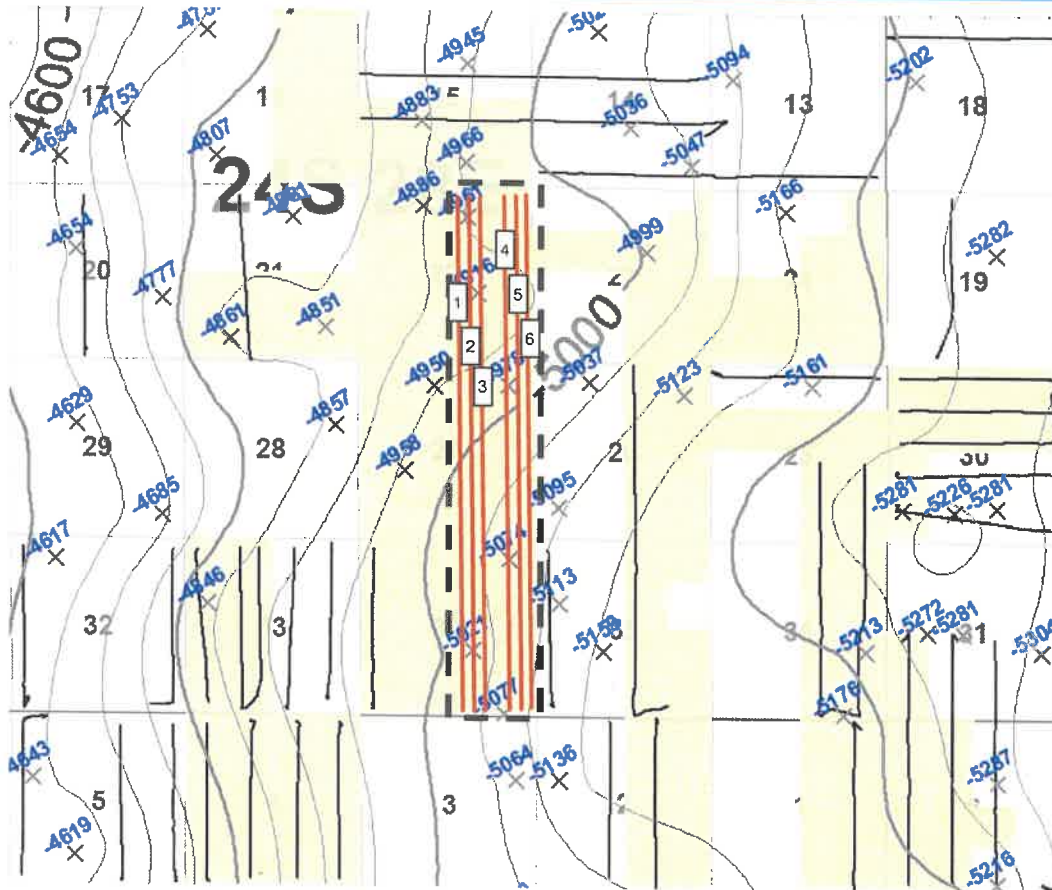


Producing Zone –
First Bone Spring



Pierogi Federal Com Unit

Structure Map – Top of Second Bone Spring (TVDSS)



- 1 Pierogi BS Federal Com 501H
- 2 Pierogi BS Federal Com 551H
- 3 Pierogi BS Federal Com 301H
- 4 Pierogi BS Federal Com 502H
- 5 Pierogi BS Federal Com 552H
- 6 Pierogi BS Federal Com 302H

Map Legend*

- Proposed Wells
- Existing Second Bone Spring wells

C.I. = 50'

1 mile



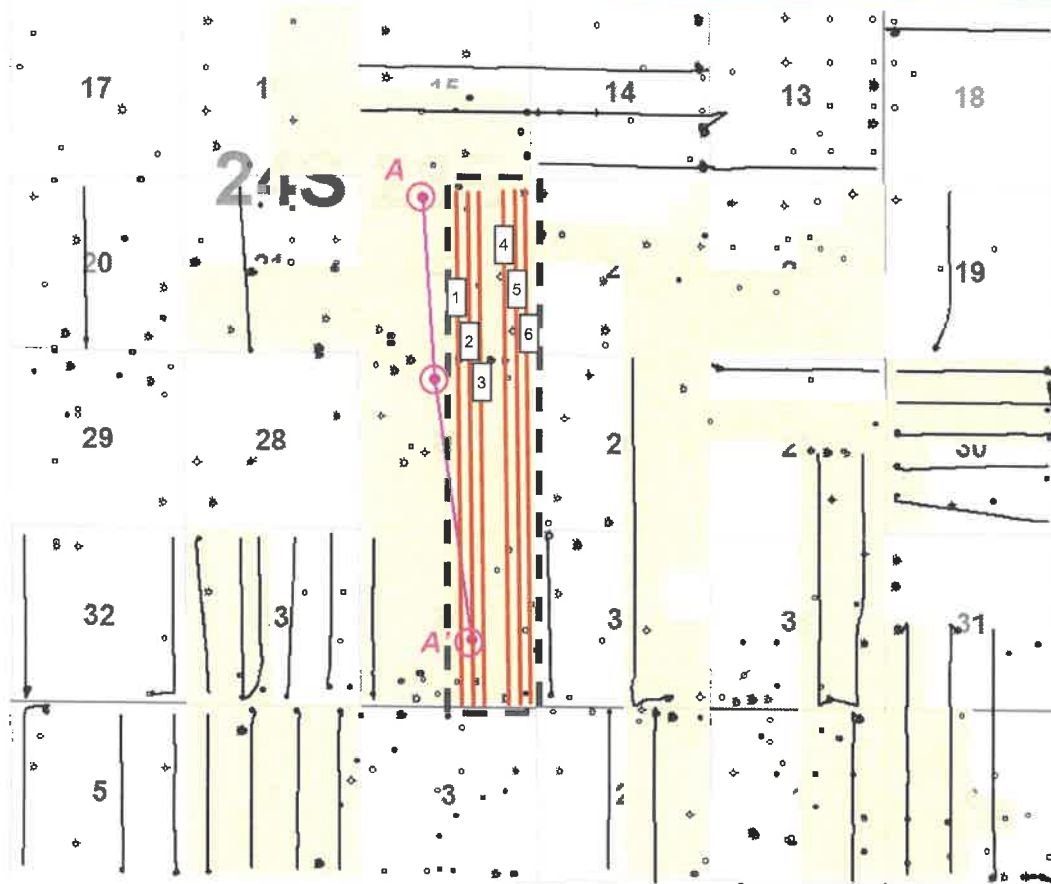
MRO Acreage Project Area

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



Pierogi Federal Com Unit

Reference Map for Cross Section



- | | |
|---|-----------------------------|
| 1 | Pierogi BS Federal Com 501H |
| 2 | Pierogi BS Federal Com 551H |
| 3 | Pierogi BS Federal Com 301H |
| 4 | Pierogi BS Federal Com 502H |
| 5 | Pierogi BS Federal Com 552H |
| 6 | Pierogi BS Federal Com 302H |

Map Legend*

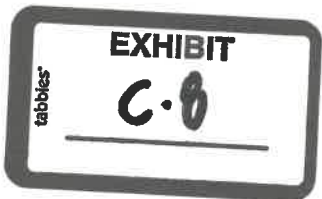
- Proposed Wells
- Existing Second Bone Spring wells

C.I. = 25'

1 mile

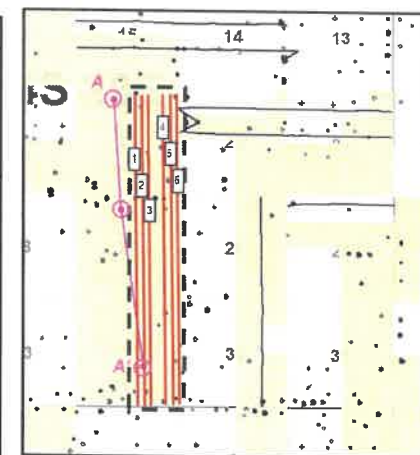
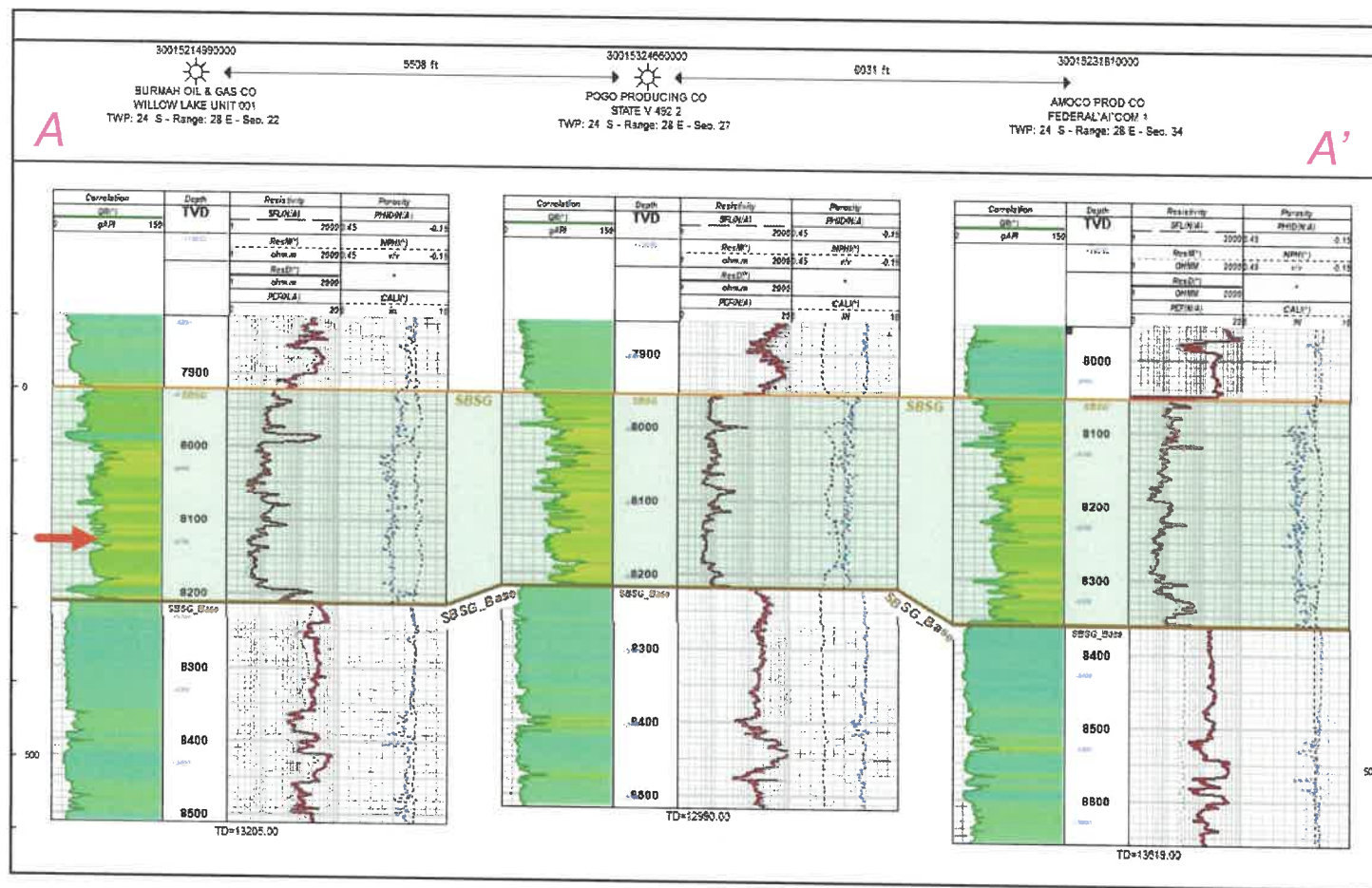


MRO Acreage Project Area



Pierogi Federal Com Unit

Stratigraphic Cross Section (Top Second Bone Spring Datum)

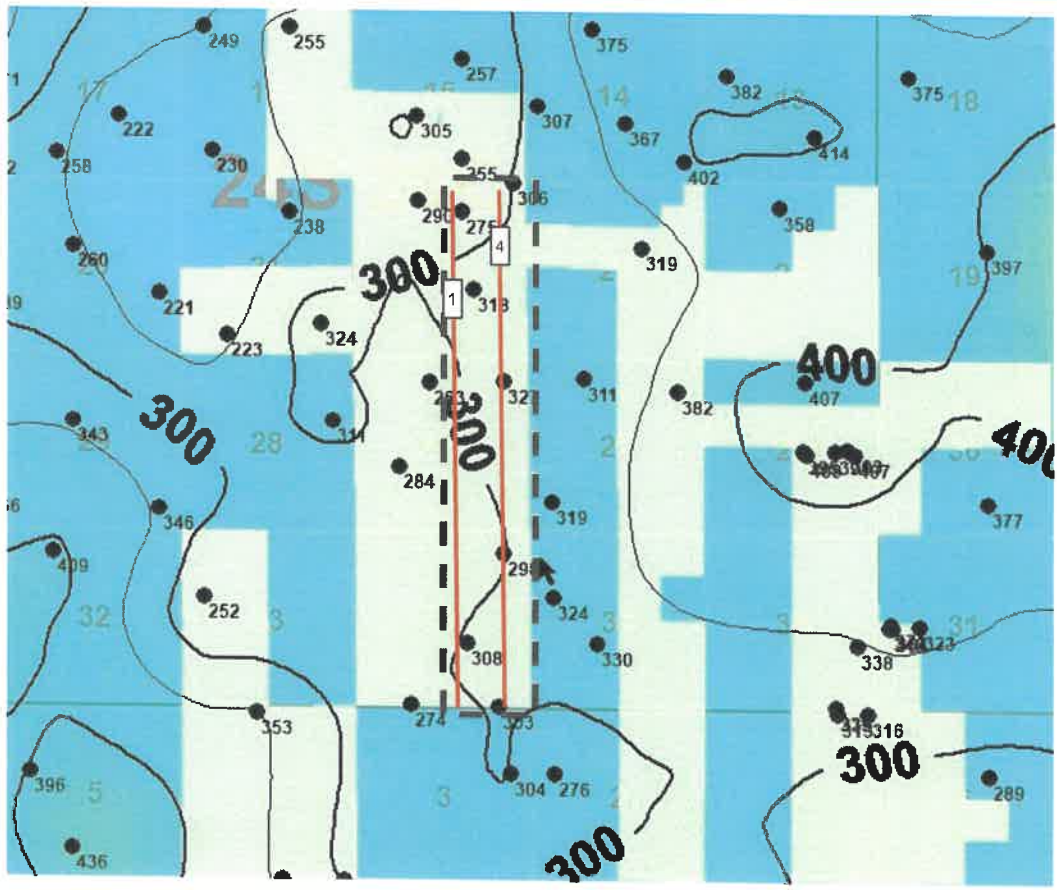


Producing Zone –
Second Bone
Spring



Pierogi Federal Com Unit

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



- 1 Pierogi BS Federal Com 501H
- 4 Pierogi BS Federal Com 502H

Map Legend*

Proposed Wells

C.I. = 50'

1 mile

MRO Acreage Project Area

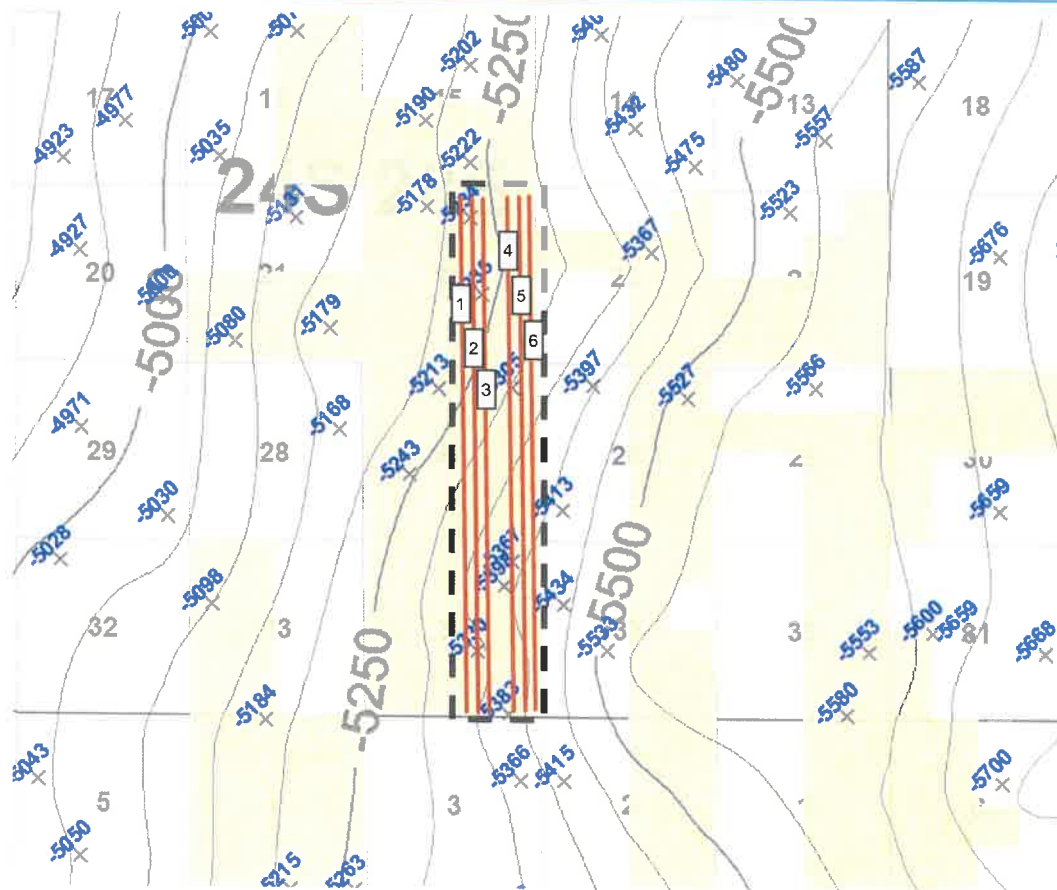
The Second Bone Spring has a consistent thickness across this project area.

EXHIBIT
C-10

Marathon Oil

Pierogi Federal Com Unit

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



- 1 Pierogi BS Federal Com 501H
- 2 Pierogi BS Federal Com 551H
- 3 Pierogi BS Federal Com 301H
- 4 Pierogi BS Federal Com 502H
- 5 Pierogi BS Federal Com 552H
- 6 Pierogi BS Federal Com 302H

Map Legend*

- Proposed Wells
- Existing Third Bone Spring Carbonate wells

C.I. = 50'

1 mile



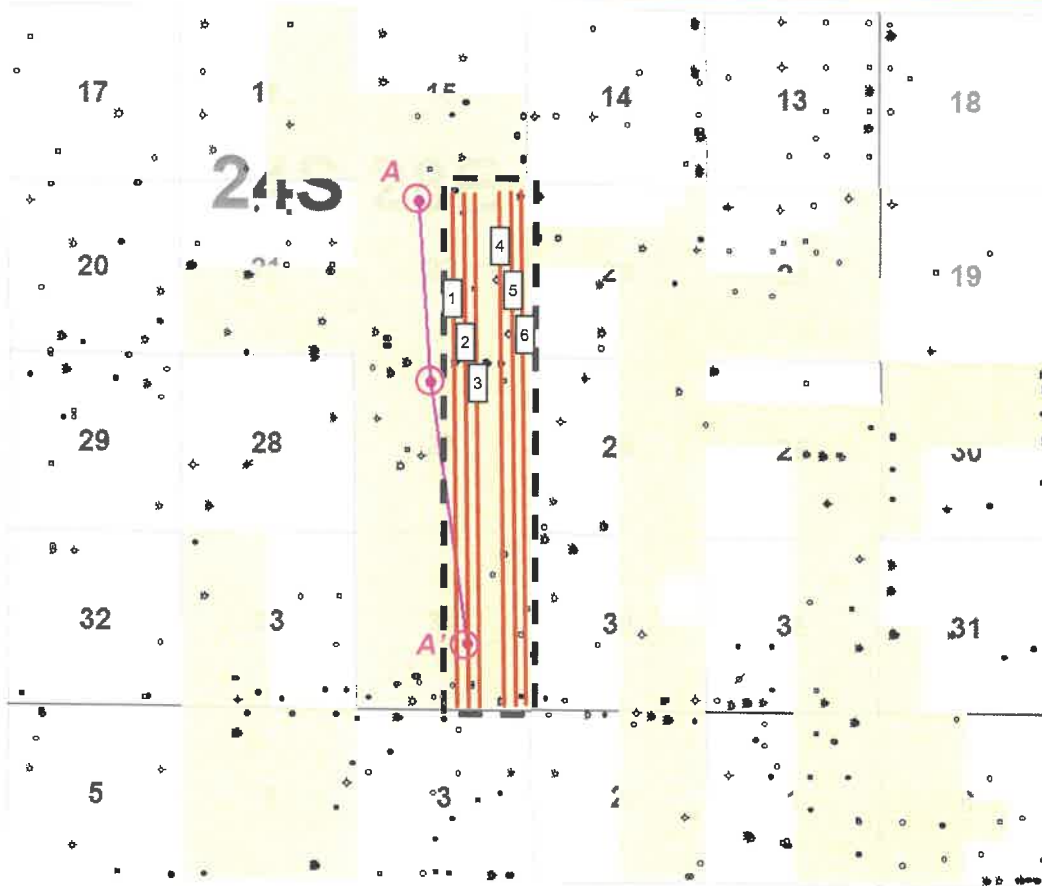
MRO Acreage Project Area

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



Pierogi Federal Com Unit

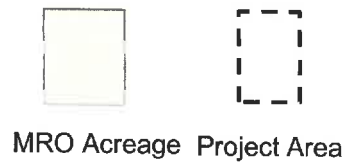
Reference Map for Cross Section



- | | |
|---|-----------------------------|
| 1 | Pierogi BS Federal Com 501H |
| 2 | Pierogi BS Federal Com 551H |
| 3 | Pierogi BS Federal Com 301H |
| 4 | Pierogi BS Federal Com 502H |
| 5 | Pierogi BS Federal Com 552H |
| 6 | Pierogi BS Federal Com 302H |

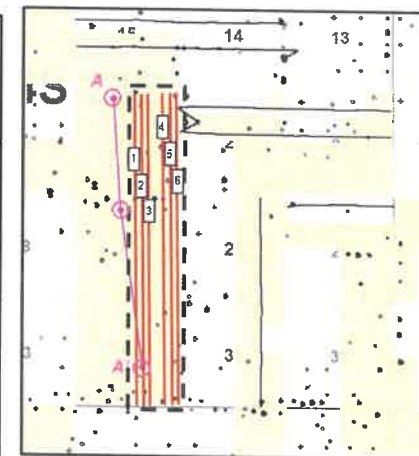
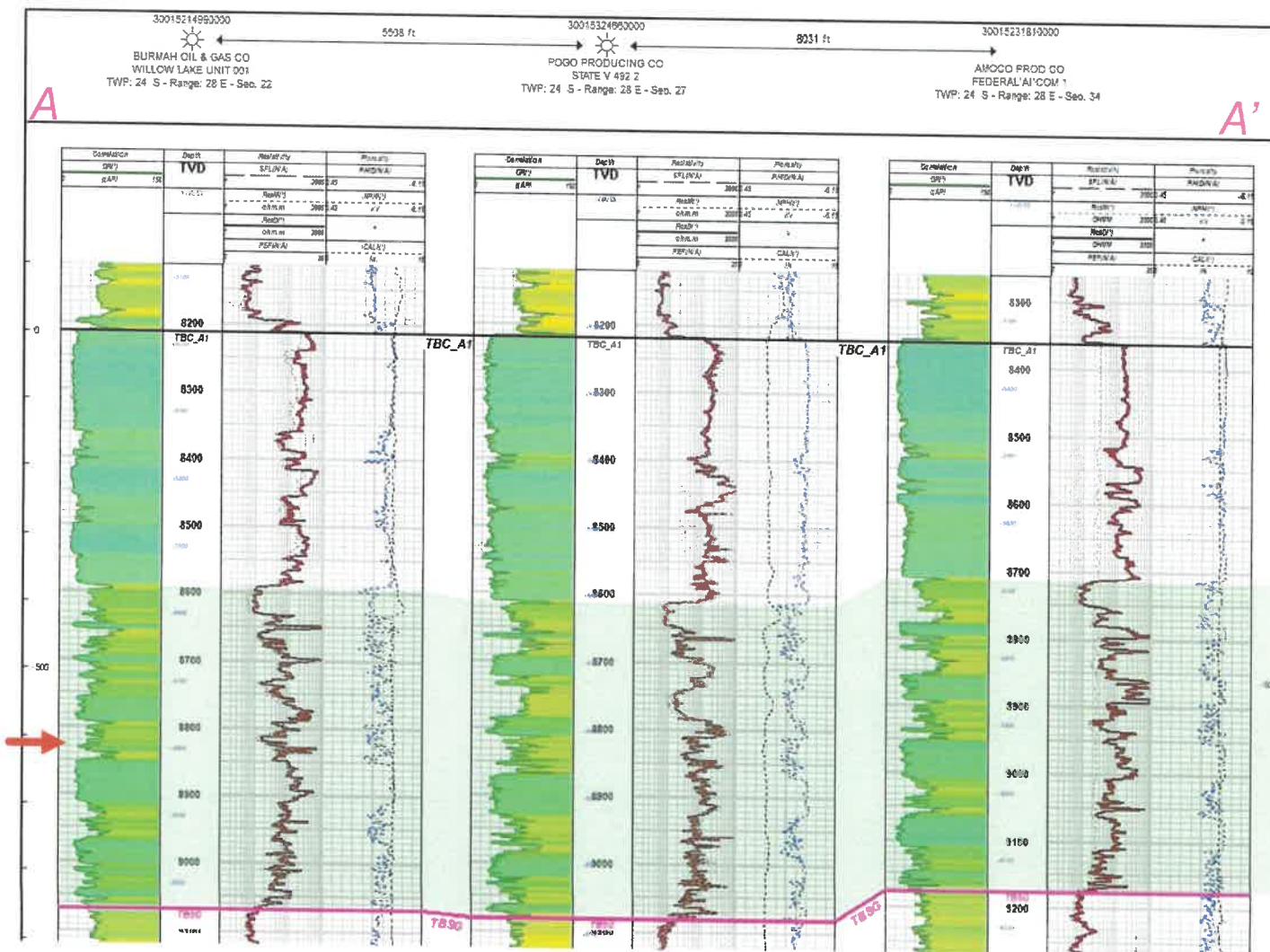
Map Legend*

- Proposed Wells
- Existing Third Bone Spring Carbonate wells



Pierogi Federal Com Unit

Stratigraphic Cross Section (Top Third Bone Spring Carbonate Datum)

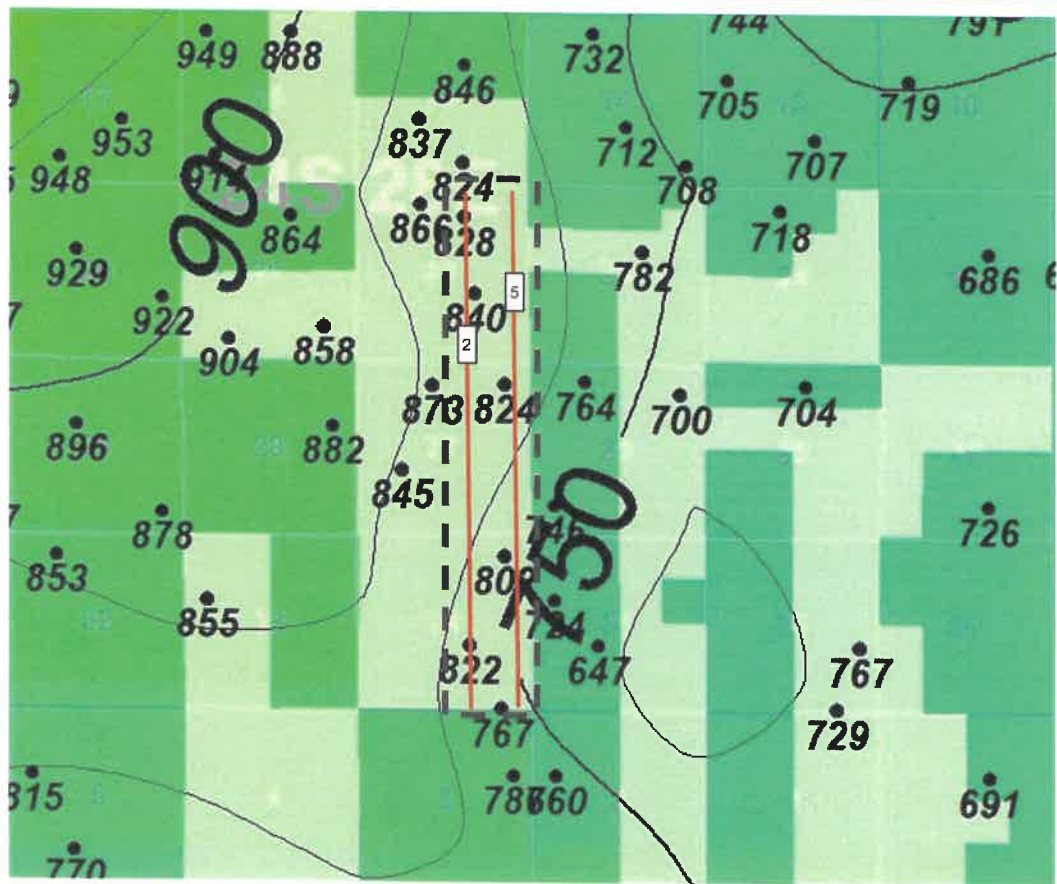


Producing Zone -
Third Bone Spring
Carbonate (Harkey
Sands)



Pierogi Federal Com Unit

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



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

Map Legend*

Proposed Wells

C.I. = 25'

1 mile



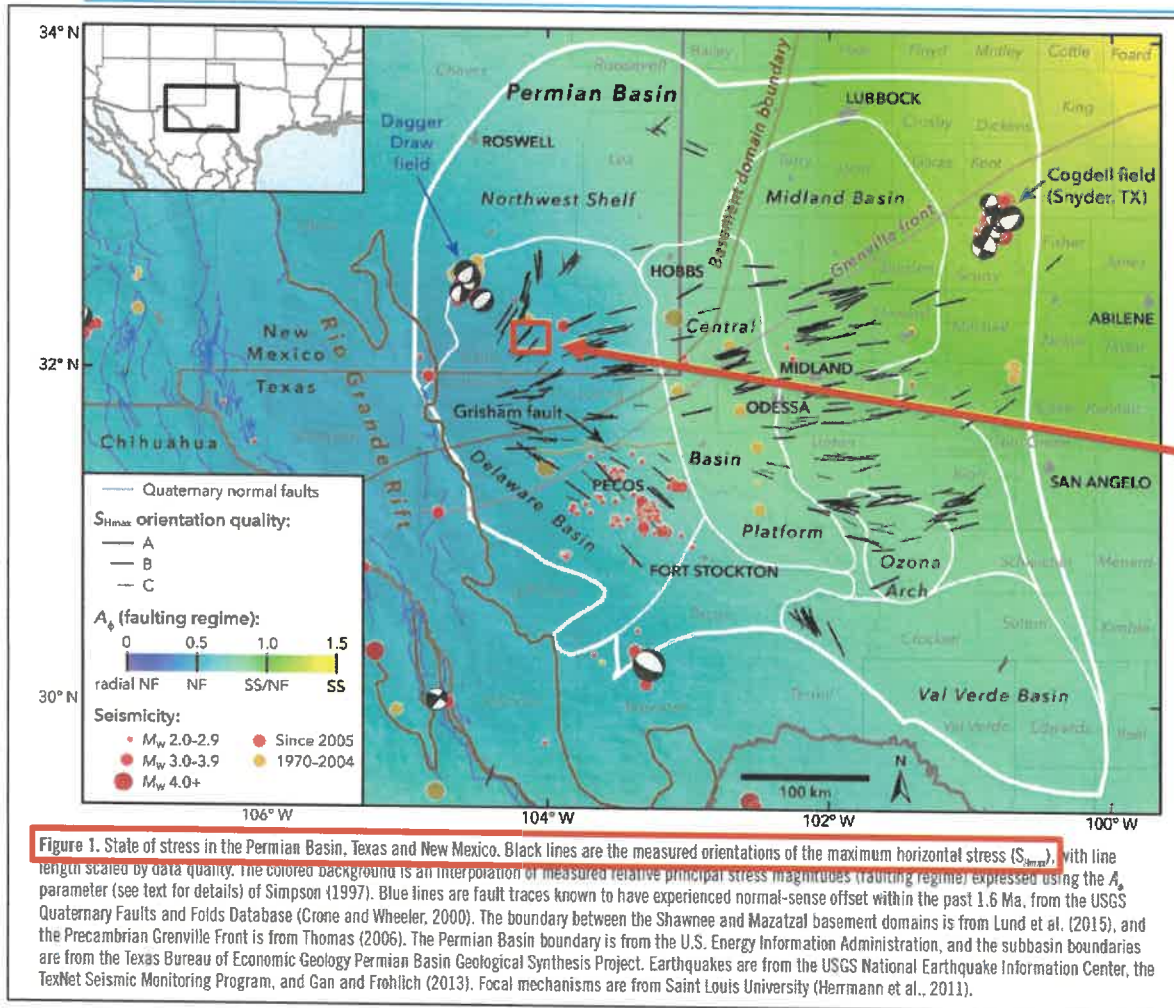
MRO Acreage Project Area

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



Pierogi Federal Com Unit

Preferred Well Orientation - SHmax



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

As outlined in Snee & Zoback (2018), SH_{max} 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.

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>.

