

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

**APPLICATION OF PERMIAN RESOURCES
OPERATING, LLC FOR COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**

CASE NO. 23884

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Compulsory Pooling Checklist

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

Case: 23884	APPLICANT'S RESPONSE
Date	November 2, 2023
Applicant	Permian Resources Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	OGRID No. 372165
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Permian Resources Operating, LLC for Compulsory Pooling Lea County, New Mexico.
Entries of Appearance/Intervenors:	Northern Oil and Gas, Inc.
Well Family	King Eider 12 Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	WC – 025 G – 06 S203511G; Bone Spring pool (Code 96585
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320-acres
Building Blocks:	quarter-quarter
Orientation:	South to North
Description: TRS/County	E/2 E/2 of Sections 1 and 12, Township 20 South, Range 35 East, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Yes.
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-4
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	King Eider 12 Fed Com 505H (API # ---) 170' FSL & 845' FEL (Unit P), Section 12, T20S, R35E 100' FNL & 353' FEL (Lot 1), Section 1, T20S, R35E Completion Target: Bone Spring (Approx. 10,000' TVD)
Horizontal Well First and Last Take Points	Exhibit A-3
Recreated to Imaging: (10/31/2023, 10:09:33 AM)	Exhibit A-5

AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000.00
Production Supervision/Month \$	\$1,000.00
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-2
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-1, Exhibit C-2, Exhibit C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-4
Tract List (including lease numbers and owners)	Exhibit A-4
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 A-4
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-4
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6
Overhead Rates In Proposal Letter	Exhibit A-5
Cost Estimate to Drill and Complete	Exhibit A-5
Cost Estimate to Equip Well	Exhibit A-5
Cost Estimate for Production Facilities	Exhibit A-5
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-5
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-3
Tracts	Exhibit A-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-4
General Location Map (including basin)	Exhibit B-1
Well-Bore Location Map	Exhibit B-2

Structure Contour Map - Subsea Depth	Exhibit B-3
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-4
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	10/30/2023

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

**APPLICATION OF PERMIAN RESOURCES
OPERATING, LLC FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 23884

**SELF-AFFIRMED STATEMENT
OF MASON MAXWELL**

1. I am a New Mexico Landman with Permian Resources Operating, LLC (“Permian Resources”) and am over 18 years of age. I have personal knowledge of the matters addressed herein and am competent to provide this Self-Affirmed Statement.

2. I have not previously testified before the New Mexico Oil Conservation Division (“Division”). I have a bachelor’s degree from Texas Tech University in Energy Commerce with a focus in Petroleum Land Management. I have been working as a landman since June of 2022. A copy of my resume is attached as **Exhibit A-1**.

3. I am familiar with the land matters involved in the above-referenced case. Copies the application and proposed hearing notice are attached as **Exhibit A-2**.

4. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit; therefore I do not expect any opposition at hearing.

5. Permian Resources seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Sections 1 and 12, Township 20 South, Range 35 East, Lea County, New Mexico (“Unit”).

6. The Unit will be dedicated to the King Eider 12 Fed Com 505H well (“Well”), to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 12 to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 1.

**Permian Resources Operating, LLC
Case No. 23884
Exhibit A**

7. The Well will be completed in the WC – 025 G – 06 S203511G; Bone Spring pool (Code 96585)

8. The completed interval of the Well will be orthodox.

9. **Exhibit A-3** contains the C-102 for the Well.

10. **Exhibit A-4** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Permian Resources seeks to pool highlighted in yellow. All of the parties are locatable in that Permian Resources believes it located valid addresses for them.

11. Permian Resources has conducted a diligent search of all county public records, including phone directories and computer databases, as well as internet searches, to locate the interest owners it seeks to pool.

12. **Exhibit A-5** contains a sample well proposal letter that was sent to interest owners for the Well. The estimated costs reflected on the AFE are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.

13. In my opinion, Permian Resources made a good-faith effort to reach voluntary joinder of uncommitted interests in the Well as indicated by the chronology of contact described in **Exhibit A-6**.

14. Permian Resources requests overhead and administrative rates of \$10,000 per month while the Well is being drilled, and \$1,000 per month while the Well is producing. These rates are fair and are comparable to the rates charged by Permian Resources and other operators in the vicinity.

15. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

16. In my opinion, the granting of Permian Resources' application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

17. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date next to my electronic signature below.



Mason Maxwell

10.24.23

Date

Mason Maxwell

(325) 514-0211 | 5310 Lavaca Ave | Midland, TX 79707 | masonmaxwell185@gmail.com

EDUCATION

Texas Tech University, Rawls College of Business	Lubbock, TX
Bachelor of Business Administration, Energy Commerce	Graduation: May 2022

WORK EXPERIENCE

ConocoPhillips	Midland, TX
Land Negotiator – New Mexico OBO	June 2022-August 2023

- Negotiated 25 Joint Operating Agreements in Top Hat and northern Eddy County
- Drafted and negotiated over 70 side letter agreements, term assignments, communitization agreements, AFE’s, and well proposals across Top Hat and northern Eddy County
- Drafted State and Federal form agreements in the execution of Record Title Transfers and Transfers of Operating Rights for 3 transactions
- Reduced suspense account balance by \$70MM by identifying and curing title requirements.
- Gained strong negotiating and communication skills through interactions with other companies and others within my company. Proven ability to build relationships, understand different perspectives, and reach mutually beneficial agreements.
- Processed 321 well proposals and workovers with a potential net to COPC of \$1,041MM.
- Assessed State and Federal leases to verify ownership and ensure accurate interest calculations.

ConocoPhillips	Midland, TX
Land Negotiator Intern- Delaware Basin East North	May 2021-August 2021

- Prepared operated projects for drilling which included drafting well proposals, Communitization Agreements, Joint Operating Agreements, and completing interest calculations
- Researched State and Federal Oil and Gas leases in Lea County, New Mexico to determine record title ownership and operating rights
- Examined Chain of Title Documents for curative matters
- Technical skills gained in Quorum, GIS, Excel, PowerPoint, and other relevant land data software

Concho Resources Inc.	Midland, TX
Landman Intern – Joint Interest Ventures	June 2020-August 2020

- Analyzed Oil and Gas Leases in Eddy and Lea Counties, New Mexico
- Calculated Working Interest and Net Revenue Interest for 3 non-operated well proposals
- Analyzed Joint Operating Agreement provisions as the non-operator

ORGANIZATIONS

Permian Basin Landman Association	June 2022-Present
American Association of Professional Landman	August 2019-Present
Energy Commerce Association	August 2019-2022

Permian Resources Operating, LLC
Case No. 23884
Exhibit A-1

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

**APPLICATION OF PERMIAN RESOURCES
OPERATING, LLC FOR COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**

CASE NO. 23884

APPLICATION

Pursuant to NMSA § 70-2-17, Permian Resources Operating, LLC (“Applicant”) (OGRID No. 372165) applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Sections 1 and 12, Township 20 South, Range 35 East, Lea County, New Mexico (“Unit”). In support of its application, Applicant states the following:

1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
2. The Unit will be dedicated to the **King Eider 12 Fed Com 505H** well (“Well”), to be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 12 to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 1.
3. The completed interval of the Well will be orthodox.
4. Applicant has undertaken diligent, good faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Well but has been unable to obtain voluntary agreements from all interest owners.
5. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**Permian Resources Operating, LLC
Case No. 23884
Exhibit A-2**

6. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the Well and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on November 2, 2023, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Well in the Unit;
- C. Designating Applicant as the operator of the Unit and the Well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the Well;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% charge for the risk assumed by Permian Resources Operating, LLC in drilling and completing the Well against any working interest owner who does not voluntarily participate in the drilling of the Well.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

dhardy@hinklelawfirm.com

jmclean@hinklelawfirm.com

Counsel for Permian Resources Operating, LLC

Application of Permian Resources Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Sections 1 and 12, Township 20 South, Range 35 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the **King Eider 12 Fed Com 505H** well ("Well"), which will be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 12 to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 1. The completed interval of the Well will be orthodox. Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 18 miles southwest of Hobbs, 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
Permian Resources Operating, LLC
Case No. 23884
Exhibit A-3

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96585	³ Pool Name WC - 025 G - 06 S203511G; Bone Spring pool
⁴ Property Code	⁵ Property Name KING EIDER 12 FED COM	⁶ Well Number 505H
⁷ OGRID No.	⁸ Operator Name PERMIAN RESOURCES OPERATING, LLC	⁹ Elevation 3644.5'

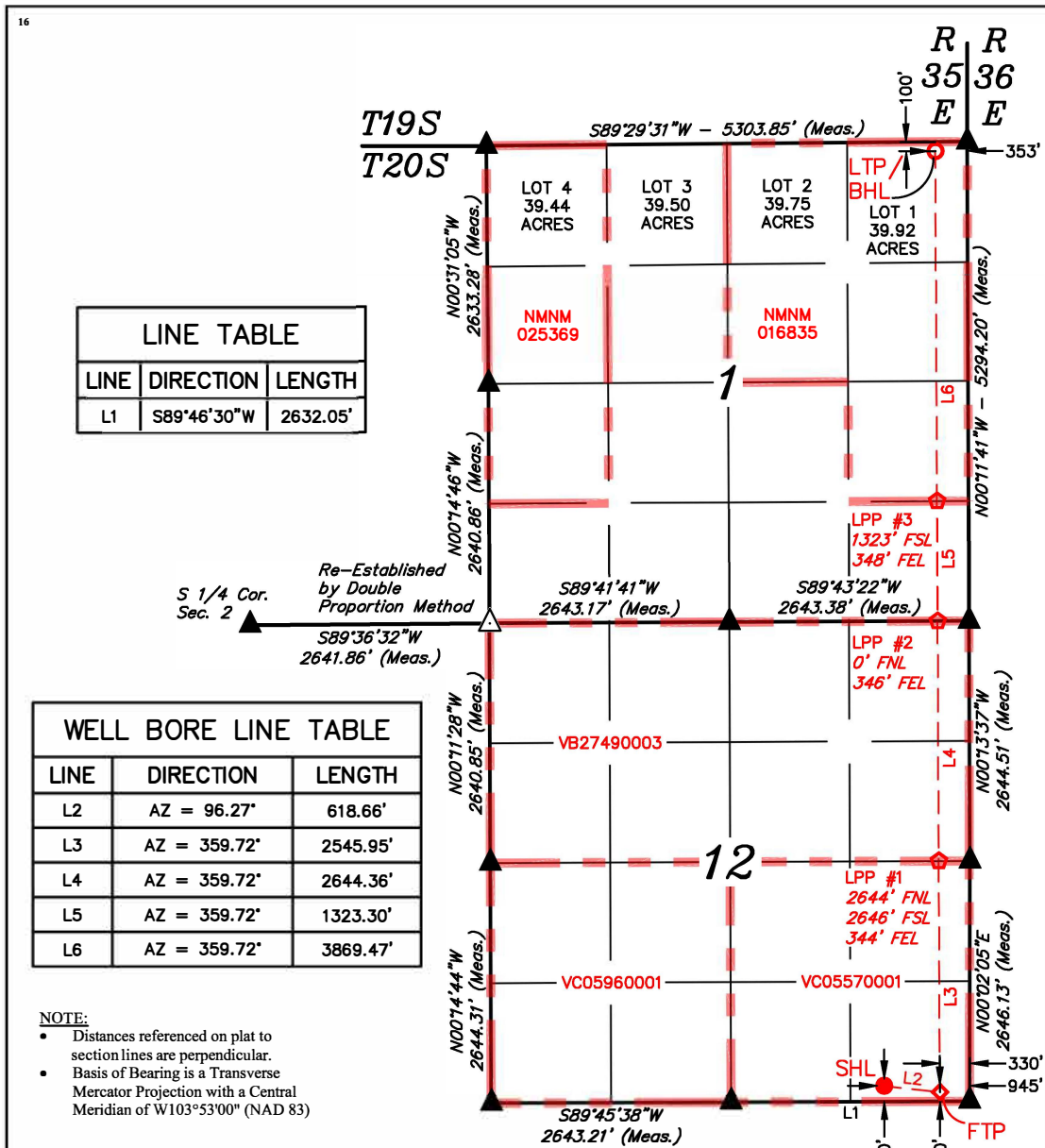
¹⁰ Surface Location

UL or lot no. P	Section 12	Township 20S	Range 35E	Lot Idn	Feet from the 170	North/South line SOUTH	Feet from the 945	East/West line EAST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. 1	Section 1	Township 20S	Range 35E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 353	East/West line EAST	County LEA
¹² Dedicated Acres 320	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.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°46'30"W	2632.05'

WELL BORE LINE TABLE		
LINE	DIRECTION	LENGTH
L2	AZ = 96.27°	618.66'
L3	AZ = 359.72°	2545.95'
L4	AZ = 359.72°	2644.36'
L5	AZ = 359.72°	1323.30'
L6	AZ = 359.72°	3869.47'

NOTE:
• Distances referenced on plat to section lines are perpendicular.
• Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

LEGEND:

● = SURFACE HOLE LOCATION
◆ = FIRST TAKE POINT

¹⁷ OPERATOR CERTIFICATION

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

Signature _____ Date _____

Printed Name _____

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°34'51.45" (32.580959°)	NAD 83 (LPP #2) LATITUDE = 32°35'42.10" (32.595029°)
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Land Exhibit: King Eider State Com #505H
 Section 12: E/2E/2, Section 1: E/2E/2, T20S-R35E, Lea Co., NM



Owner	Pooling?	Documents Sent			Notes
		Proposal	JOA	Com Agmt	
Permian Resources Operating, LLC	N/A	N/A	N/A	N/A	
XTO Holdings, LLC	N	Y	Y	Y	Executed all docs
Northern Oil and Gas, Inc.	N	Y	Y	Y	
Desert Rock Resources, LLC	Y	Y	Y	Y	
Malaga Royalty, LLC	Y	Y	Y	Y	
Magic Dog Oil & Gas Ltd.	Y	Y	Y	Y	
Mary Helen Energy LLC	Y	Y	Y	Y	
MRC Permian Company	Y	Y	Y	Y	
Warren Ventures Ltd.	Y	Y	Y	Y	
Brian Smith	Y	Y	Y	Y	
Donald D Spain	Y	Y	Y	Y	
Grace H Bunting	Y	Y	Y	Y	
Karen Badgett	Y	Y	Y	Y	

Tract 1 - NE/4, NE/4SE/4 of Section 1	
Owner	WI Percentage
XTO Holdings, LLC	100%

Tract 3 - VB-2479 - N/2 of Section 12	
Owner	WI Percentage
Permian Resources	100%

Tract 2 - SE/4SE/4 of Section 1	
Owner	WI Percentage
Permian Resources Operating, LLC	28.197933%
Northern Oil and Gas, Inc.	51.041667%
Desert Rock Resources, LLC	0.555556%
Malaga Royalty, LLC	3.994000%
Magic Dog Oil & Gas Ltd.	0.500000%
Mary Helen Energy LLC	0.832500%
MRC Permian Company	14.166650%
Warren Ventures Ltd.	0.859375%
Brian Smith	0.260417%
Donald D Spain	0.138889%
Grace H Bunting	0.034722%
Karen Badgett	0.052083%

Tract 4 - VC-0557 - SE/4 of Section 12	
Owner	WI Percentage
Permian Resources	100%

Unit Capitulation	
Owner	WI
Permian Resources Operating, LLC	53.4571533%
XTO Holdings, LLC	37.4906273%
Northern Oil and Gas, Inc.	6.378614%
Desert Rock Resources, LLC	0.0694271%
Malaga Royalty, LLC	0.4991252%
Magic Dog Oil & Gas Ltd.	0.062484%
Mary Helen Energy LLC	0.1040365%
MRC Permian Company	1.7703887%
Warren Ventures Ltd.	0.1073950%
Brian Smith	0.0325439%
Donald D Spain	0.0173568%
Grace H Bunting	0.0043392%
Karen Badgett	0.0065088%
TOTAL	100.0000000%

Permian Resources Operating, LLC
Case No. 23884
Exhibit A-4



300 N. MARIENFELD STREET, SUITE 1000
MIDLAND, TX 79701

OFFICE 432.695.4222
FAX 432.695.4063

August 25, 2023

Via Certified Mail

XTO Holdings, LLC
22777 Springwoods Village Parkway
Spring, TX 77389-1425

RE: Well Proposals – King Eider 12 State Com & King Eider 12 Fed Com
Sections 1 & 12, T20S-R35E
Lea County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC (“Permian”), as Operator, hereby proposes the drilling and completion of the following (4) wells, the King Eider 12 State Com Well & the King Eider 12 Fed Com Wells at the following approximate locations within Township 20 South, Range 35 East, Lea County, NM:

1. King Eider 12 State Com 502H

SHL: 200’ FSL & 2,085’ FWL of Section 12 (or at a legal location within Unit N)
BHL: 100’ FNL & 1,710’ FWL of Section 1
FTP: 100’ FSL & 1,710’ FWL of Section 12
LTP: 100’ FNL & 1,710’ FWL of Section 1
TVD: 10,200’
TMD: 20,200’
Proration: E/2W/2 of Sections 1 & 12, T20S-R35E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

2. King Eider 12 Fed Com 503H

SHL: 170’ FSL & 1,005’ FEL of Section 12 (or at a legal location within Unit P)
BHL: 100’ FNL & 2,513’ FEL of Section 1
FTP: 100’ FSL & 2,486’ FEL of Section 12
LTP: 100’ FNL & 2,513’ FEL of Section 1
TVD: 10,125’
TMD: 20,125’
Proration: W/2E/2 of Sections 1 & 12, T20S-R35E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

3. King Eider 12 Fed Com 504H

SHL: 170’ FSL & 975’ FEL of Section 12 (or at a legal location within Unit P)
BHL: 100’ FNL & 1,433’ FEL of Section 1
FTP: 100’ FSL & 1,406’ FWL of Section 12
LTP: 100’ FNL & 1,433’ FEL of Section 1

Permian Resources Operating, LLC
Case No. 23884
Exhibit A-5

TVD: 10,050'
TMD: 20,050'
Proration: W/2E/2 of Sections 1 & 12, T20S-R35E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

4. King Eider 12 Fed Com 505H

SHL: 170' FSL & 945' FEL of Section 12 (or at a legal location within Unit P)
BHL: 100' FNL & 353' FEL of Section 1
FTP: 100' FSL & 330' FEL of Section 12
LTP: 100' FNL & 353' FEL of Section 1
TVD: 10,000'
TMD: 20,000'
Proration: E/2E/2 of Sections 1 & 12, T20S-R35E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

All other locations, TVD, and target are approximate and subject to change dependent on surface or subsurface issues encountered. Permian is proposing to drill this Well under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement will be provided upon request. The Operating Agreement will include the following general provisions:

- 100%/300%/300% non-consent provisions
- \$10,000/\$1,000 drilling and producing rates
- Permian Resources Operating, LLC named as Operator

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the proposed AFE, and your geologic well requirements.

In the interest of time, should we not reach an agreement within thirty (30) days of the date of your receipt of this letter, Permian will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well. If you do not wish to participate, Permian would be interested in acquiring your interest in the subject lands which is subject to further mutually agreeable negotiation.

Thank you for your time and consideration, if you have any questions at all, please don't hesitate to contact me at 432.400.1037 or by email at travis.macha@permianres.com.

Respectfully,

PERMIAN RESOURCES OPERATING, LLC



Travis Macha
NM Land Lead

Enclosures

<i>Well Elections:</i> <i>(Please indicate your responses in the spaces below)</i>		
Well(s)	Elect to Participate	Elect to <u>NOT</u> Participate
King Eider 12 State Com 502H		
King Eider 12 Fed Com 503H		
King Eider 12 Fed Com 504H		
King Eider 12 Fed Com 505H		

By: _____

Printed Name: _____

Title: _____

Date: _____



300 N. MARIENFELD STREET, SUITE 1000
MIDLAND, TX 79701

OFFICE 432.695.4222
FAX 432.695.4063

Participate / Rejection Declaration

Please return this page to Permian Resources Operating, LLC (“Permian”) by the date specified in the letter, signed indicating your election to either participate in or reject this insurance program. If you reject the insurance coverage arranged by Permian, then, to the extent that Permian has an obligation to secure any such insurance on your behalf under any applicable agreements or otherwise, Permian will be relieved of such obligation, and Permian will assume that you maintain appropriate levels of insurance and will provide a current Certificate of Insurance upon request. If you fail to make an election within 30 days from receipt of this notice, you will be deemed a participant in the program as detailed on the attached and billed for your percentage participation as such.

- I hereby elect to participate in the insurance coverage arranged by Permian Resources Operating, LLC and understand that I will be charged for such participation.
- I hereby elect to reject the insurance coverage arranged by Permian Resources Operating, LLC.

Agreed this _____ day of _____, 2023 by:

Company Name (If Applicable):

By: _____

Printed Name: _____

Title: _____

Permian Resources Operating, LLC

300 N. Marienfeld St., Ste. 1000 Midland, TX 79701
 Phone (432) 695-4222 • Fax (432) 695-4063

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	8.23.2023	AFE NO.:	1
WELL NAME:	King Eider 12 Fed Com 505H	FIELD:	WC-025 G-06 S203511G,BONE SPRING
LOCATION:	Sections 1 & 12, T20S-R35E	MD/TVD:	20,000' / 10,000'
COUNTY/STATE:	Lea County, New Mexico	LATERAL LENGTH:	10,000'
Permian WI:		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG	COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal SBSG well and complete with 44 stages. AFE includes drilling, completions, flowback and Initial AL install cost		

INTANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory	\$ 54,351	-	37,500	\$ 91,851
2 Location, Surveys & Damages	265,083	16,625	2,500	284,208
4 Freight / Transportation	43,826	40,284	25,000	109,110
5 Rental - Surface Equipment	114,402	198,221	105,000	417,624
6 Rental - Downhole Equipment	189,026	55,031	-	244,057
7 Rental - Living Quarters	44,244	50,131	-	94,375
10 Directional Drilling, Surveys	395,255	-	-	395,255
11 Drilling	693,647	-	-	693,647
12 Drill Bits	92,179	-	-	92,179
13 Fuel & Power	173,853	667,183	-	841,036
14 Cementing & Float Equip	223,875	-	-	223,875
15 Completion Unit, Swab, CTU	-	-	15,000	15,000
16 Perforating, Wireline, Slickline	-	361,754	-	361,754
17 High Pressure Pump Truck	-	113,434	-	113,434
18 Completion Unit, Swab, CTU	-	134,791	-	134,791
20 Mud Circulation System	96,811	-	-	96,811
21 Mud Logging	16,130	-	-	16,130
22 Logging / Formation Evaluation	6,690	7,673	-	14,363
23 Mud & Chemicals	332,951	403,207	10,000	746,158
24 Water	39,990	608,810	250,000	898,800
25 Stimulation	-	749,053	-	749,053
26 Stimulation Flowback & Disp	-	111,899	150,000	261,899
28 Mud / Wastewater Disposal	177,689	56,269	-	233,959
30 Rig Supervision / Engineering	111,522	122,769	21,667	255,958
32 Drlg & Completion Overhead	9,591	-	-	9,591
35 Labor	141,116	63,942	101,667	306,725
54 Proppant	-	1,155,029	-	1,155,029
95 Insurance	13,489	-	-	13,489
97 Contingency	-	22,472	3,833	26,305
99 Plugging & Abandonment	-	-	-	-
TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$ 112,477	-	-	\$ 112,477
61 Intermediate Casing	316,801	-	-	316,801
62 Drilling Liner	-	-	-	-
63 Production Casing	632,196	-	-	632,196
64 Production Liner	-	-	-	-
65 Tubing	-	-	140,000	140,000
66 Wellhead	59,645	-	40,000	99,645
67 Packers, Liner Hangers	13,556	-	20,000	33,556
68 Tanks	-	-	-	-
69 Production Vessels	-	-	45,833	45,833
70 Flow Lines	-	-	126,667	126,667
71 Rod string	-	-	66,667	66,667
72 Artificial Lift Equipment	-	-	90,000	90,000
73 Compressor	-	-	5,833	5,833
74 Installation Costs	-	-	-	-
75 Surface Pumps	-	-	61,667	61,667
76 Downhole Pumps	-	-	-	-
77 Measurement & Meter Installation	-	-	116,667	116,667
78 Gas Conditioning / Dehydration	-	-	-	-
79 Interconnecting Facility Piping	-	-	20,000	20,000
80 Gathering / Bulk Lines	-	-	-	-
81 Valves, Dumps, Controllers	-	-	108,333	108,333
82 Tank / Facility Containment	-	-	43,333	43,333
83 Flare Stack	-	-	16,667	16,667
84 Electrical / Grounding	-	-	50,000	50,000
85 Communications / SCADA	-	-	36,667	36,667
86 Instrumentation / Safety	-	-	833	833
TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,308

PREPARED BY Permian Resources Operating, LLC:

Drilling Engineer:	PS
Completions Engineer:	ML
Production Engineer:	DC

Permian Resources Operating, LLC APPROVAL:

Co-CEO	_____	Co-CEO	_____	VP - Operations	_____
	WH		JW		CRM
VP - Land & Legal	_____	VP - Geosciences	_____		
	BG		SO		

NON OPERATING PARTNER APPROVAL:

Company Name:	_____	Working Interest (%):	_____	Tax ID:	_____
Signed by:	_____	Date:	_____		
Title:	_____	Approval:	<input type="checkbox"/> Yes <input type="checkbox"/> No (mark one)		

The costs on this AFE are estimates only and may not be construed as ceilings on any specific item or the total cost of the project. Tubing installation approved under the AFE may be delayed up to a year after the well has been completed. In executing this AFE, the Participant agrees to pay its proportionate share of actual costs incurred, including, legal, curative, regulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants shall be covered by and billed proportionately for Operator's well control and general liability insurance unless participant provides Operator a certificate evidencing its own insurance in an amount acceptable to the Operator by the date of spud.

PERMIAN

RESOURCES

King Eider – Chronology of Communication

**Note – All communications with non-op owners included information on the near-term expiration of New Mexico SLO lease being located in Section 12: SE/4, T20S-R35E, expiring January 1, 2024.*

August 25, 2023 – Initial King Eider Well proposals across the E2W2 and E2 of Sections 1 & 12 of T20S-R35E sent (Successful W2W2 King Eider test well drilled in 2022)

August 29, 2023 – Correspondence with Warren Ventures

August 31, 2023 – Correspondence with XTO Holdings LLC & Desert Rock

September 5, 2023 – Correspondence with XTO Holdings & Magic Dog

September 11, 2023 – Correspondence with Northern Oil & Gas

September 13, 2023 – Permian sends FTP correction letter for King Eider Fed Com 504H

September 14, 2023 – Correspondence with Northern Oil & Gas & Mary Helen Energy

September 18, 2023 – Correspondence with XTO Holdings

September 20, 2023 – Correspondence with XTO Holdings

October 5, 2023 – Correspondence with XTO Holdings

October 15, 2023 – Correspondence with XTO Holdings

October 25, 2023 – Correspondence with Northern Oil & Gas

Permian Resources Operating, LLC
Case No. 23884
Exhibit A-6

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

APPLICATION OF PERMIAN RESOURCES,
OPERATING, LLC FOR COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23884

SELF-AFFIRMED STATEMENT
OF IRA BRADFORD

1. I am a geologist with Permian Resources Operating, LLC (“Permian Resources”). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division (“Division”) and my credentials as an expert in petroleum geology were accepted and made a matter of record.

2. I am familiar with the geological matters that pertain to the above-referenced cases.

3. **Exhibit B-1** is a regional locator map that identifies the King Eider project area, in proximity to the Capitan Reef within the Delaware Basin, for the Bone Spring horizontal spacing unit that is the subject of this application.

4. **Exhibit B-2** is a cross section location map for the proposed horizontal spacing unit (“Unit”) within the Bone Spring formation. The location of the proposed unit is outlined in blue and the proposed wellbores are represented by dashed black arrows. Existing producing wells in the targeted interval are represented by solid orange lines. This map identifies the cross-section running from A-A’ with the cross-section wells name and a black line in proximity to the proposed Well. The individual spacing units are outlined in blue boxes and are identified with their respective case numbers.

Permian Resources Operating, LLC
Case No. 23884
Exhibit B

5. **Exhibit B-3** is a Subsea Structure map on the Bone Spring in TVD subsea with a contour interval of 50 ft. The map identified the approximate wellbore paths for the King Eider 12 Fed Com 505H with an orange dashed line. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Well. The data points are indicated by red triangles. The map demonstrates the formation is gently dipping to the west in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

6. **Exhibit B-4** is a stratigraphic cross-section from A to A' using the representative wells identified on Exhibit B-2. It contains gamma ray, resistivity, and porosity logs. The cross section is oriented from north to south and is flattened on the Top of the Wolfcamp Formation. The proposed landing zone for the Well is labeled on the exhibit. The approximate well-path for the proposed Well is indicated by an orange dashed line to be drilled from south to north across the units. This cross-section demonstrates the target intervals are continuous across the Unit.

7. **Exhibit B-5** is a gun barrel diagram that shows the wells in the Bone Spring formation. The individual spacing units are outlined in blue boxes and are identified with their respective case numbers.

8. In my opinion, a stand up orientation for the Well is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and is the preferred fracture orientation in this portion of the trend.

9. Based on my geologic study of the area, the targeted interval underlying the Unit is suitable for development by horizontal wells and the tracts comprising the Unit will contribute more or less equally to the production of the Well.

10. In my opinion, the granting of Permian Resources' application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

11. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.

12. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.


Ira Bradford

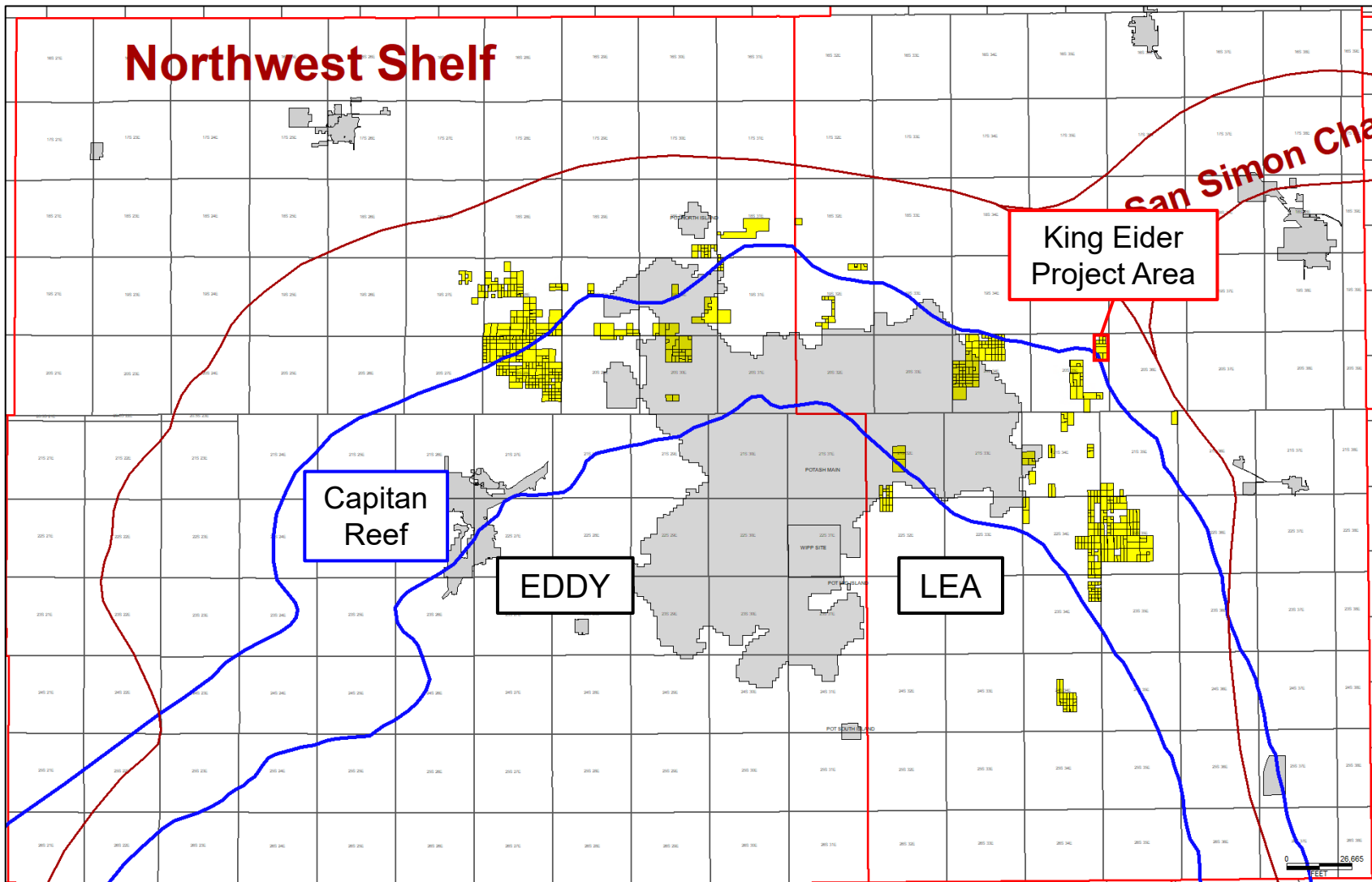
10/27/2023
Date

Regional Locator Map

King Eider 12 Fed Com

Permian Resources Operating, LLC
Case No. 23884
Exhibit B-1

Exhibit B-1



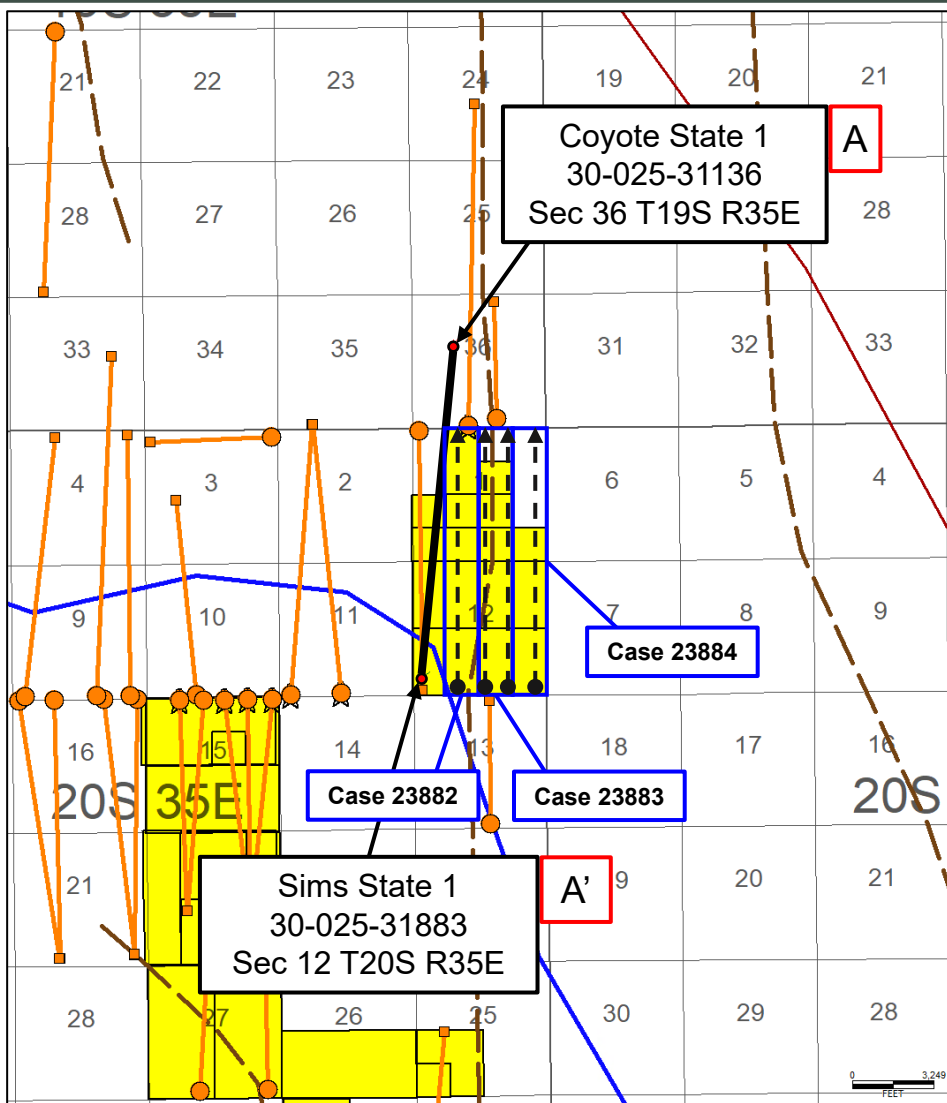
Permian Resources

Cross-Section Locator Map

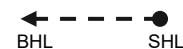
King Eider 12 Fed Com Bone Spring

Permian Resources Operating, LLC
Case No. 23884
Exhibit B-2

Exhibit B-2



Approximate Wellbore paths



Producing Wells

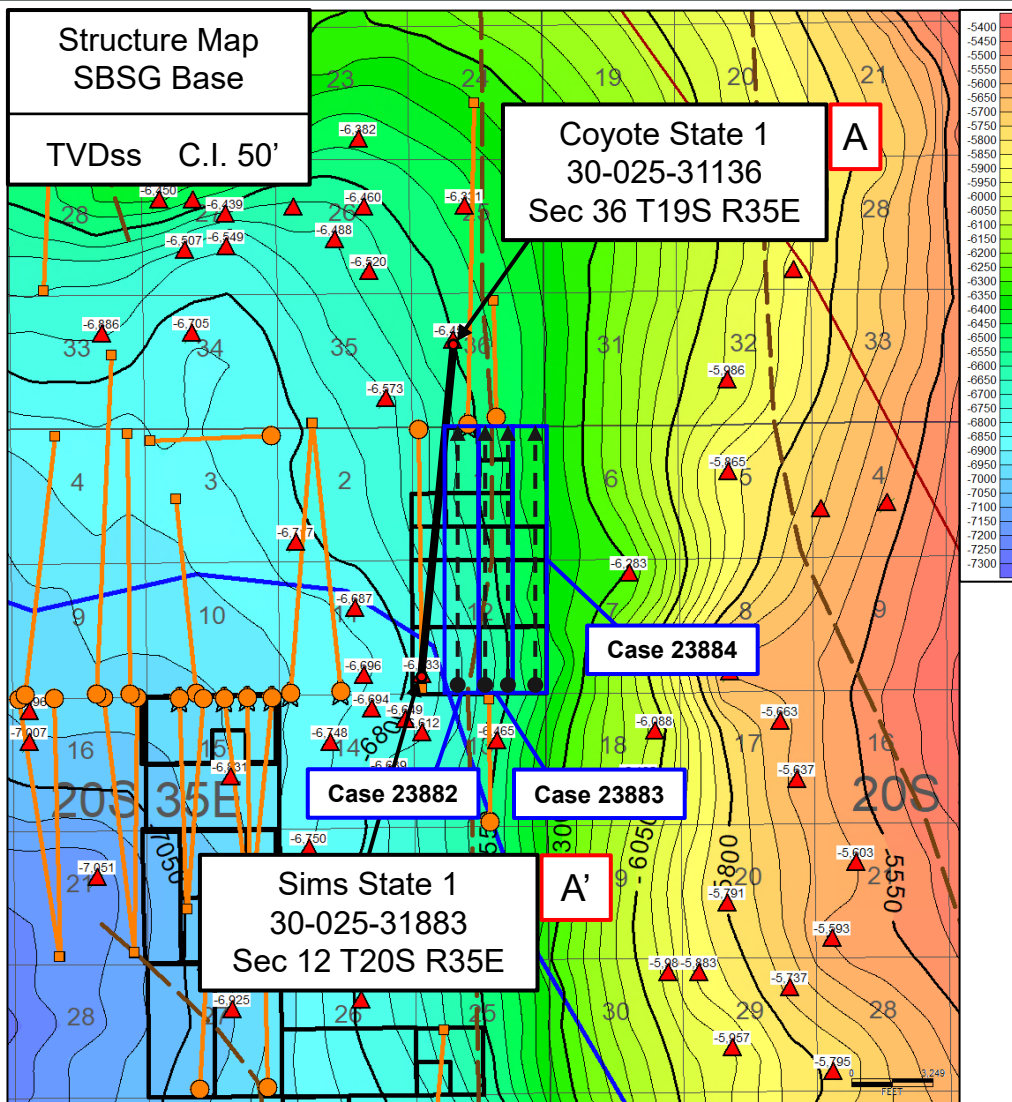


Second Bone Spring – Structure Map

King Eider 12 Fed Com

Permian Resources Operating, LLC
Case No. 23884
Exhibit B-3

Exhibit B-3



Permian Resources

Control Point

TVDss

Approximate Wellbore paths

BHL SHL

Producing Wells

SBSG
 BHL SHL

Stratigraphic Cross-Section A-A'

King Eider 12 Fed Com

Case No. 23884

Exhibit B-4

Exhibit B-4

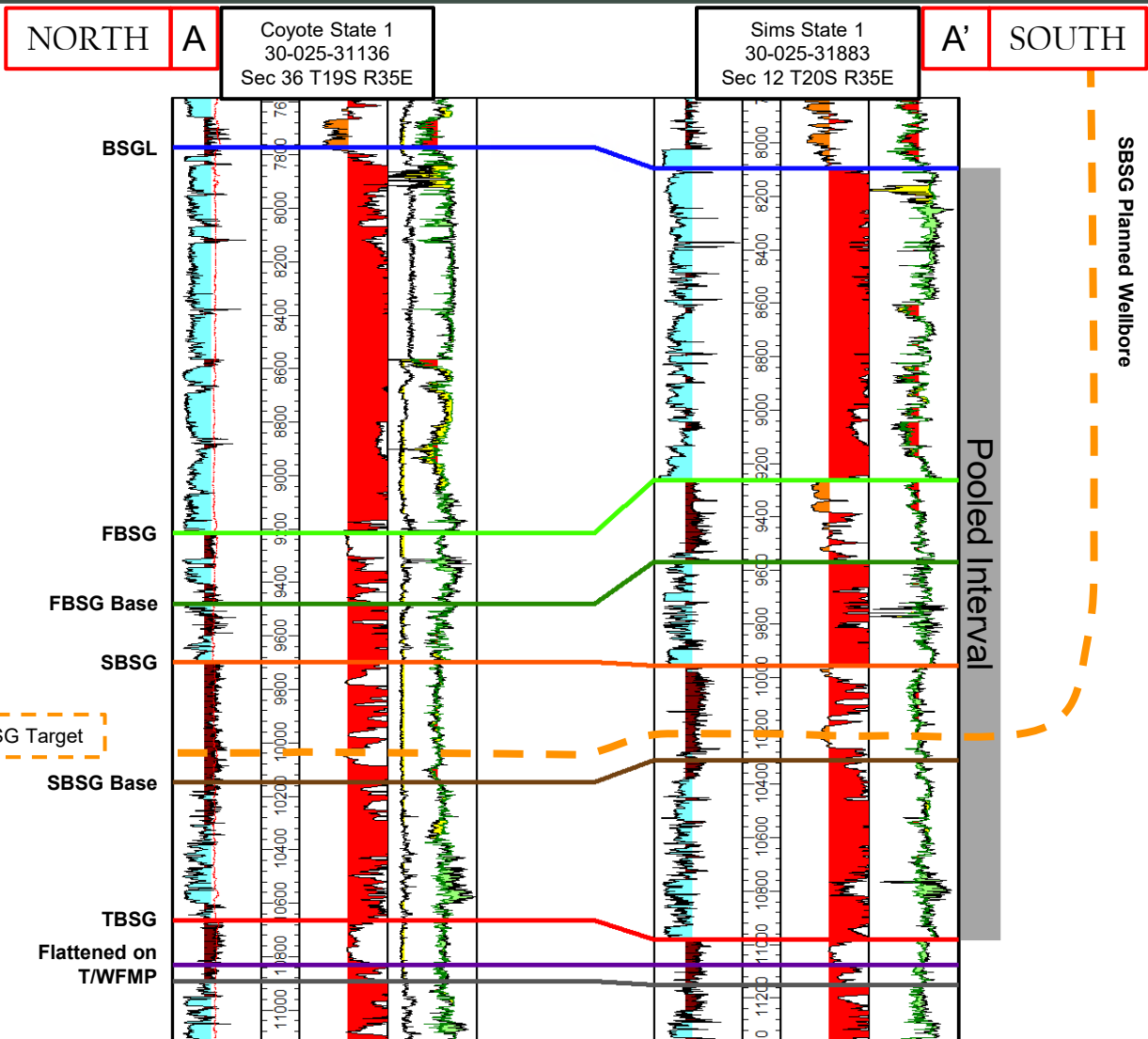
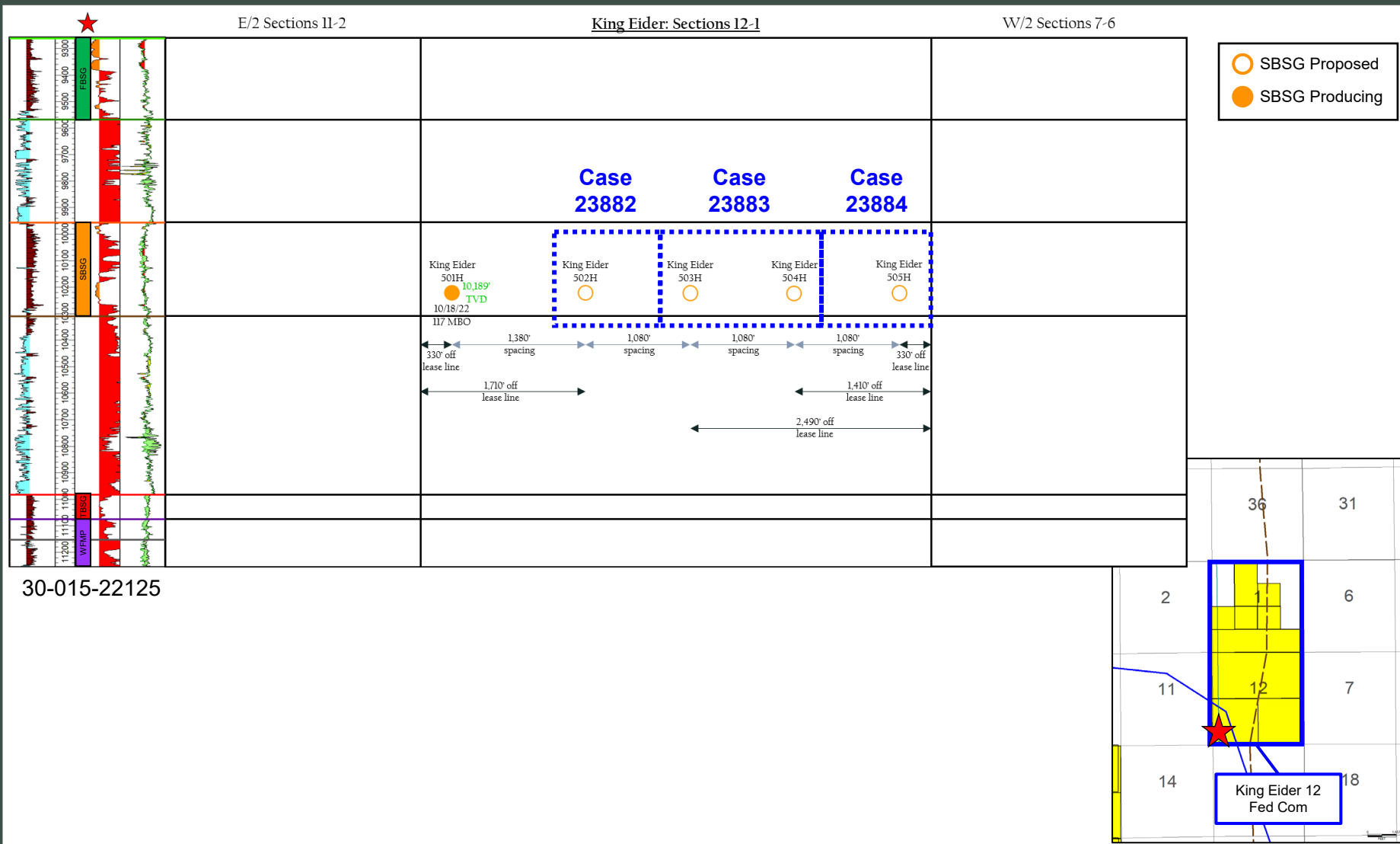




Exhibit B-5

Gun Barrel Development Plan

King Eider 12 Fed Com



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

**APPLICATION OF PERMIAN RESOURCES
OPERATING, LLC FOR COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**

CASE NO. 23884

**SELF-AFFIRMED STATEMENT
OF DANA S. HARDY**

1. I am attorney in fact and authorized representative of Permian Resources Operating, LLC, the Applicant herein.

2. I am familiar with the Notice Letters attached as **Exhibit C-1** and caused each Notice Letter, along with the Application in this case, to be sent to the parties set out in the chart attached as **Exhibit C-2**.

3. Exhibit C-2 also provides the date each Notice Letter was sent and the date each return was received.

4. Copies of the certified mail green cards and white slips are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On October 15, 2023, I caused a notice to be published to all interested parties in the Hobbs News-Sun. An Affidavit of Publication from the Legal Clerk of the Hobbs News-Sun, along with a copy of the notice publication, is attached as **Exhibit C-4**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and it made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

/s/ Dana S. Hardy
Dana S. Hardy

October 26, 2023
Date

**Permian Resources Operating, LLC
Case No. 23884
Exhibit C**



hinklelawfirm.com

HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:
Dana S. Hardy, Partner
dhardy@hinklelawfirm.com

October 12, 2023

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case Nos. 23882 – 23884 – Applications of Permian Resources Operating, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **November 2, 2023**, beginning at 8:15 a.m.

Hearings are currently conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/>) or via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

Please contact Mark Hajdik, Senior Staff Landman, Permian Resources, at (432) 257-3886, if you have questions regarding these matters.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

Enclosure

Permian Resources Operating, LLC
Case No. 23884
Exhibit C-1

PO BOX 10
ROSWELL, NEW MEXICO 88202
(575) 622-6510
FAX (575) 623-9332

7601 JEFFERSON ST NE · SUITE 180
ALBUQUERQUE, NEW MEXICO 87109
505-858-8320
(FAX) 505-858-8321

PO BOX 2068
SANTA FE, NEW MEXICO 87504
(505) 982-4554
FAX (505) 982-8623

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

**APPLICATIONS OF PERMIAN RESOURCES
OPERATING, LLC FOR COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**

CASE NO. 23882-84

NOTICE LETTER CHART

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Desert Rock Resources, LP PO Box 53713 Midland, TX 79710	10/12/23	10/23/23
MRC Permian Company One Lincoln Centre 5400 LBJ Freeway Ste 1500 Dallas, TX 75240-1017	10/12/23	10/19/23
Magic Dog Oil & Gas, Ltd. PO Box 10708 Midland, TX 79702	10/12/23	10/26/23
Malaga Royalty, LLC PO Box 2064 Midland, TX 79702	10/12/23	10/25/23
Mary Helen Energy, LLC PO Box 80190 Midland, TX 79708-0190	10/12/23	10/19/23
Northern Oil & Gas, Inc. 4350 Baker Road, Suite 400 Minnetonka, MN 55343	10/12/23	10/23/23
Brian Smith 2802 W Bay Area Bld, Apt 2311 Webster, TX 77598	10/12/23	10/26/23 Return to sender.
Warren Ventures, Ltd. 808 W Wall St Midland, TX 79701	10/12/23	10/18/23
XTO Holdings, LLC 22777 Springwoods Village Parkway Spring, TX 77389-1425	10/12/23	10/23/23

**Permian Resources Operating, LLC
Case No. 23884
Exhibit C-2**

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SANTA FE NM 87507

OCT 19 2023

USPS

Postmark Here

7022 1670 0002 1190 4440

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

From: Desert Rock Resources, LP
PO Box 53713
Midland, TX 79710
23882-84 - Permian King Eider

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> Agent SARA TULL <input type="checkbox"/> Addressee</p> <p>C. Date of Delivery 10/20/23</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">Desert Rock Resources, LP PO Box 53713 Midland, TX 79710 23882-84 - Permian King Eider</p>	<p style="font-size: 2em; font-weight: bold; color: black;">RECEIVED</p> <p style="font-size: 1.5em; color: black;">OCT 23 2023</p>
<p>2. Article Number (Transfer from service label)</p> <p style="font-size: 1.2em; font-weight: bold;">7022 1670 0002 1190 4440</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p> <p>Mail Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

Permian Resources Operating, LLC
Case No. 23884
Exhibit C-3

7022 1670 0002 1190 4433

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Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Send To

MRC Permian Company
 One Lincoln Centre
 5400 LBJ Freeway Ste 1500
 Dallas, TX 75240-1017
 23882-84 - Permian King Eider

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature</p> <p>X <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>
<p>1. Article Addressed to:</p> <p>MRC Permian Company One Lincoln Centre 5400 LBJ Freeway Ste 1500 Dallas, TX 75240-1017 23882-84 - Permian King Eider</p>	<p>B. Received by (Printed Name) <i>L. Brown</i></p> <p>C. Date of Delivery <i>10/19/2023</i></p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1190 4433</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below: _____</p> <p>RECEIVED</p> <p>OCT 19 2023</p>
<p>3. Service Type <i>Hinkle Shanor LLP</i></p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Mail Restricted Delivery (0)</p>	<p>9590 9402 7635 2122 6845 16</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

7022 1670 0002 1190 4426

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 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postage \$
 Total Postage and Fees \$

Magic Dog Oil & Gas, Ltd.
 PO Box 10708
 Midland, TX 79702
 23882-84 - Permian King Eider

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>	
<p>1. Article Addressed to:</p> <p>Magic Dog Oil & Gas, Ltd. PO Box 10708 Midland, TX 79702 23882-84 - Permian King Eider</p>	<p>RECEIVED</p> <p>OCT 26 2023</p>	
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1190 4426</p>	<p>3. Service Type Hinkle Shanor LLC <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Registered Mail Restricted Delivery</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt

7022 1670 0002 1190 4419

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Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

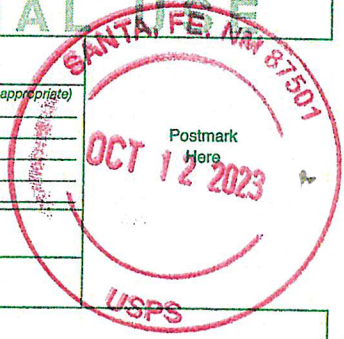
Postage \$ _____

Total Postage and Fees \$ _____

Send To

Malaga Royalty, LLC
 PO Box 2064
 Midland, TX 79702
 23882-84 - Permian King Eider

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Carol Crystal</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Crystal</i> C. Date of Delivery <i>10-18-23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p style="text-align: center;">RECEIVED OCT 25 2023</p>
<p>1. Article Addressed to:</p> <p>Malaga Royalty, LLC PO Box 2064 Midland, TX 79702 23882-84 - Permian King Eider</p> <p>9590 9402 7635 2122 6845 30</p>	<p>3. Service Type <i>Priority Mail Express®</i></p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Registered Mail Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1190 4419</p>	
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Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

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Total Postage and Fees \$ _____

Sent To


Mary Helen Energy, LLC
 PO Box 80190
 Midland, TX 79708-0190
 23882-84 - Permian King Eider

Postmark Here
OCT 12 2023

SANTA FE NM 87501

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<p>1. Article Addressed to:</p> <p>Mary Helen Energy, LLC PO Box 80190 Midland, TX 79708-0190</p> <p>23882-84 - Permian King Eider</p>  <p>9590 9402 7635 2122 6845 47</p>	<p>3. Service Type <u>Priority Mail Express®</u></p> <p><input type="checkbox"/> Adult Signature <u>Hinkle Shanor LP</u></p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <u>Santa Fe NM 87501</u></p> <p><input type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1190 4402</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p> <p>Domestic Return Receipt</p>

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Return Receipt (electronic) \$ _____

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Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To

Northern Oil & Gas, Inc.
 4350 Baker Road, Suite 400
 Minnetonka, MN 55343
 23882-84 - Permian King Eider

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Karata</i></p> <p>C. Date of Delivery <i>10-17</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Northern Oil & Gas, Inc. 4350 Baker Road, Suite 400 Minnetonka, MN 55343 23882-84 - Permian King Eider</p>	<p>RECEIVED OCT 23 2023</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1190 4396</p>	<p>3. Service Type <i>Linkle Shanor LLP</i></p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p>
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Certified Mail Restricted Delivery \$ _____

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Adult Signature Restricted Delivery \$ _____

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Send To:

Warren Ventures, Ltd.
 808 W Wall St
 Midland, TX 79701
 23882-84 - Permian King Eider

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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<p>1. Article Addressed to:</p> <p>Warren Ventures, Ltd. 808 W Wall St Midland, TX 79701 23882-84 - Permian King Eider</p>	<p>RECEIVED OCT 18 2023</p>
<p>2. Article Number (Transfer from service label) 9590 9402 7635 2122 6845 85 7022 1670 0002 1190 4365</p>	<p>3. Service Type Hinkle Shanor LLP <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Santa Fe NM 87501 <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p>
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>	

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Adult Signature Restricted Delivery \$ _____

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Total Postage and Fees \$ _____



Spring, TX 77389-1425

XTO Holdings, LLC
22777 Springwoods Village Parkway
Spring, TX 77389-1425

23882-84 - Permian King Eider

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<p>1. Article Addressed to:</p> <p>XTO Holdings, LLC 22777 Springwoods Village Parkway Spring, TX 77389-1425</p> <p style="text-align: right;">23882-84 - Permian King Eider</p>	<p>3. Service Type Hinkle Shanon <input type="checkbox"/> Priority Mail Express® Santa Fe NM 87501 <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>9590 9402 7635 2122 6845 78</p> <p>7022 1670 0002 1190 4372</p>	<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt</p>

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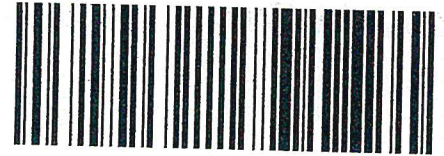
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Brian Smith
 2802 W Bay Area Bld, Apt 2311
 Webster, TX 77598
 23882-84 - Permian King Elder

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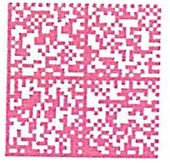
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Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

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

Beginning with the issue dated
October 15, 2023
and ending with the issue dated
October 15, 2023.



Publisher

Sworn and subscribed to before me this
15th day of October 2023.



Business Manager

My commission expires

January 29, 2027
STATE OF NEW MEXICO
(Seal) NOTARY PUBLIC

GUSSIE RUTH BLACK
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COMMISSION EXPIRES 01/29/2027

LEGAL NOTICE
October 15, 2023

This is to notify all interested parties, including XTO Holdings, LLC; Northern Oil & Gas, Inc.; Desert Rock Resources, LP; Malaga Royalty, LLC; Brian Smith; Magic Dog Oil & Gas, Ltd.; Mary Helen Energy, LLC; MRC Permian Company; Warren Ventures, Ltd.; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Permian Resources Operating, LLC (Case No. 23884). The hearing will be conducted remotely on November 2, 2023, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website for that date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2 E/2 of Sections 1 and 12, Township 20 South, Range 35 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the King Elder 12 Fed Com 505H well ("Well"), which will be drilled from a surface hole location in the SE/4 SE/4 (Unit P) of Section 12 to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 1. The completed interval of the Well will be orthodox. Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 18 miles southwest of Hobbs, New Mexico.
#00283760

02107475

00283760

GILBERT
HINKLE, SHANOR LLP
PO BOX 2068
SANTA FE, NM 87504

Permian Resources Operating, LLC
Case No. 23884
Exhibit C-4

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