

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

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

**CASE NO. 24862**

**HEARING EXHIBITS**

**Compulsory Pooling Checklist**

**Exhibit A Self-Affirmed Statement of Travis Macha**

- A-1 Application & Proposed Notice
- A-2 C-102
- A-3 Plat of Tracts, Tract Ownership, Pooled Parties, Unit Recapitulation
- A-4 Sample Well Proposal Letter & AFE
- A-5 Summary of Communications

**Exhibit B Self-Affirmed Statement of Chris Reudelhuber**

- B-1 Regional Locator Map
- B-2 Cross Section Location Map
- B-3 Subsea Structure Map for the First Bone Spring Formation
- B-4 Subsea Structure Map for the Third Bone Spring Formation
- B-5 Stratigraphic Cross-Section
- B-6 Gun Barrel Development Plan

**Exhibit C Self-Affirmed Statement of Dana S. Hardy**

- C-1 Sample Notice Letter sent September 17, 2024
- C-2 Notice Letter Chart

C-3 Copy of Certified Mail Receipts and Returns

C-4 Affidavit of Publication for September 20, 2024

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

<b>Case: 24862</b>	<b>APPLICANT'S RESPONSE</b>
<b>Hearing Date: October 10, 2024</b>	
Applicant	Permian Resources Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (OGRID No. 372165)
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of Permian Resources Operating, LLC for Compulso Pooling and Overlapping Spacing Unit, Lea County, New Mexicc
Entries of Appearance/Intervenors:	Northern Oil & Gas Inc.
Well Family	Tour Bus
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Third Bone Spring
Pool Name and Pool Code:	Ojo Chiso; Bone Spring pool (Code 96553)
Well Location Setback Rules:	Statewide
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	quarter-quarter
Orientation:	North to South
Description: TRS/County	W/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes.
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	Yes. Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately 10,983' TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336' TVD as shown on the Ojo Chiso Federal #3 (API #30-025-30733) well log.
Proximity Tracts: If yes, description	No.
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-3
<b>Well(s)</b>	

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Tour Bus 23 Fed Com 603H (API # pending) SHL: 399' FNL & 1257' FEL (Unit A), Section 23, T22S, R34E BHL: 100' FNL & 2194' FEL (Unit O), Section 26, T22S, R34E Completion Target: Bone Spring (Approx. TVD: 11,150')
Horizontal Well First and Last Take Points	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-4
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-1, C-2, C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-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 A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	Exhibit A-3
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	Exhibit A-4
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
<b>Geology</b>	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-6
Well Orientation (with rationale)	Exhibit B

Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	Exhibit B
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-2
Structure Contour Map - Subsea Depth	Exhibit B-4
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-5
<b>Additional Information</b>	N/A
Special Provisions/Stipulations	N/A
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Dana S. Hardy
<b>Signed Name</b> (Attorney or Party Representative):	/s/ Dana S. Hardy
<b>Date:</b>	10/2/2024

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

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

**CASE NO. 24862**

**SELF-AFFIRMED STATEMENT  
OF TRAVIS MACHA**

1. I am employed by Permian Resources Operating, LLC (“Permian Resources”) as the New Mexico Land Manager. 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 land matters were accepted and made a matter of record.

2. I am familiar with the land matters involved in the above-referenced case. Copies of Permian Resources’ (OGRID No. 372165) (“Applicant”) application and proposed hearing notice are attached as **Exhibit A-1**.

3. Applicant seeks an order: (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the W/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico (“Unit”); and (2) pooling all uncommitted interests in the Third Bone Spring interval of the Bone Spring formation underlying the Unit.

4. Applicant owns a working interest in the Unit.

5. The Unit will be dedicated to the **Tour Bus 23-26 Federal Com 603H** well (“Well”), which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 26.

6. The Well will be completed in the Ojo Chiso; Bone Spring pool (Code 96553).

**Permian Resources Operating, LLC  
Case No. 24862  
Exhibit A**

7. The completed interval of the Well will be orthodox.
8. Due to a depth severance in the Unit, Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately 10,983' TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336' TVD as shown on the Ojo Chiso Federal #3 (API # 30-025-30733) well log.
9. The Unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #004H (API No. 30-025-52614), which is located in the W/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553).
10. **Exhibit A-2** contains the C-102 for the Well.
11. **Exhibit A-3** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Applicant seeks to pool highlighted in yellow. All of the parties are locatable in that Applicant believes it located valid addresses for them. Exhibit A-3 also identifies the overlapping spacing unit.
12. 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.
13. **Exhibit A-4** contains a sample well proposal letter that was sent to interest owners for the Well. The estimated costs reflected on the AFEs 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.

14. In my opinion, Applicant 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-5**.

15. 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 Permian Resources should be designated as operator of the Well and the Unit.

16. 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.

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

18. In my opinion, the granting of Applicant's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

19. 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.



Travis Macha

10/2/2024

Date



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

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

**CASE NO. 24862**

**APPLICATION**

Pursuant to NMSA § 70-2-17, Permian Resources Operating, LLC (“Applicant”) (OGRID No. 372165) applies for an order: (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the W/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico (“Unit”); and (2) pooling all uncommitted interests in the Third Bone Spring interval of the Bone Spring formation underlying the 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 **Tour Bus 23-26 Federal Com 603H** well (“Well”), which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 26.
3. The completed interval of the Well will be orthodox.
4. The Unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #004H (API No. 30-025-52614), which is located in the W/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553).
5. Due to a depth severance in the Unit, Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately

**Permian Resources Operating, LLC  
Case No. 24862  
Exhibit A-1**

10,983' TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336' TVD as shown on the Ojo Chiso Federal #3 (API # 30-025-30733) well log.

6. 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.

7. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

8. 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 October 10, 2024, 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. Approving the proposed overlapping spacing unit;
- D. Designating Permian Resources Operating, LLC as operator of the Unit and the Well to be drilled thereon;
- E. Authorizing Permian Resources Operating, LLC to recover its costs of drilling, equipping, and completing the Well;

- F. 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
- G. 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

Dylan M. Villescascas

P.O. Box 2068

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*Counsel for Permian Resources Operating,  
LLC*

**Application of Permian Resources Operating, LLC for Compulsory Pooling and Overlapping Spacing Unit, Lea County, New Mexico.** Permian Resources Operating, LLC (“Applicant”) (OGRID No. 372165) applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the W/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico (“Unit”); and (2) pooling all uncommitted interests in the Third Bone Spring interval of the Bone Spring formation underlying the Unit. The Unit will be dedicated to the **Tour Bus 23-26 Federal Com 603H** well (“Well”), which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 26. The completed interval of the Well will be orthodox. The Unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #004H (API No. 30-025-52614), which is located in the W/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance in the Unit, Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately 10,983’ TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336’ TVD as shown on the Ojo Chiso Federal #3 (API # 30-025-30733) well log. 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 17 miles southwest of Eunice, New Mexico.

<p><b>C-102</b></p> <p>Submit Electronically Via OCD Permitting</p>	<p>State of New Mexico Energy, Minerals &amp; Natural Resources Department <b>OIL CONSERVATION DIVISION</b></p>	<p>Revised July 9, 2024</p>
		<p>Submittal Type:</p> <p><input type="checkbox"/> Initial Submittal</p> <p><input type="checkbox"/> Amended Report</p> <p><input type="checkbox"/> As Drilled</p>

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>96553</b>	Pool Name <b>Ojo Chiso; Bone Spring</b>
Property Code	Property Name <b>TOUR BUS 23 FED COM</b>	Well Number <b>603H</b>
OGRID No. <b>372165</b>	Operator Name <b>PERMIAN RESOURCES OPERATING, LLC</b>	Ground Level Elevation <b>3473.5'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	23	22S	34E		399 NORTH	1257 EAST	32.383359°	-103.436278°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	26	22S	34E		100 SOUTH	2194 EAST	32.355697°	-103.439386°	LEA

Dedicated Acres <b>320</b>	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	23	22S	34E		399 NORTH	1257 EAST	32.383359°	-103.436278°	LEA


**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
B	23	22S	34E		100 NORTH	2194 EAST	32.384182°	-103.439309°	LEA

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	26	22S	34E		100 SOUTH	2194 EAST	32.355697°	-103.439386°	LEA

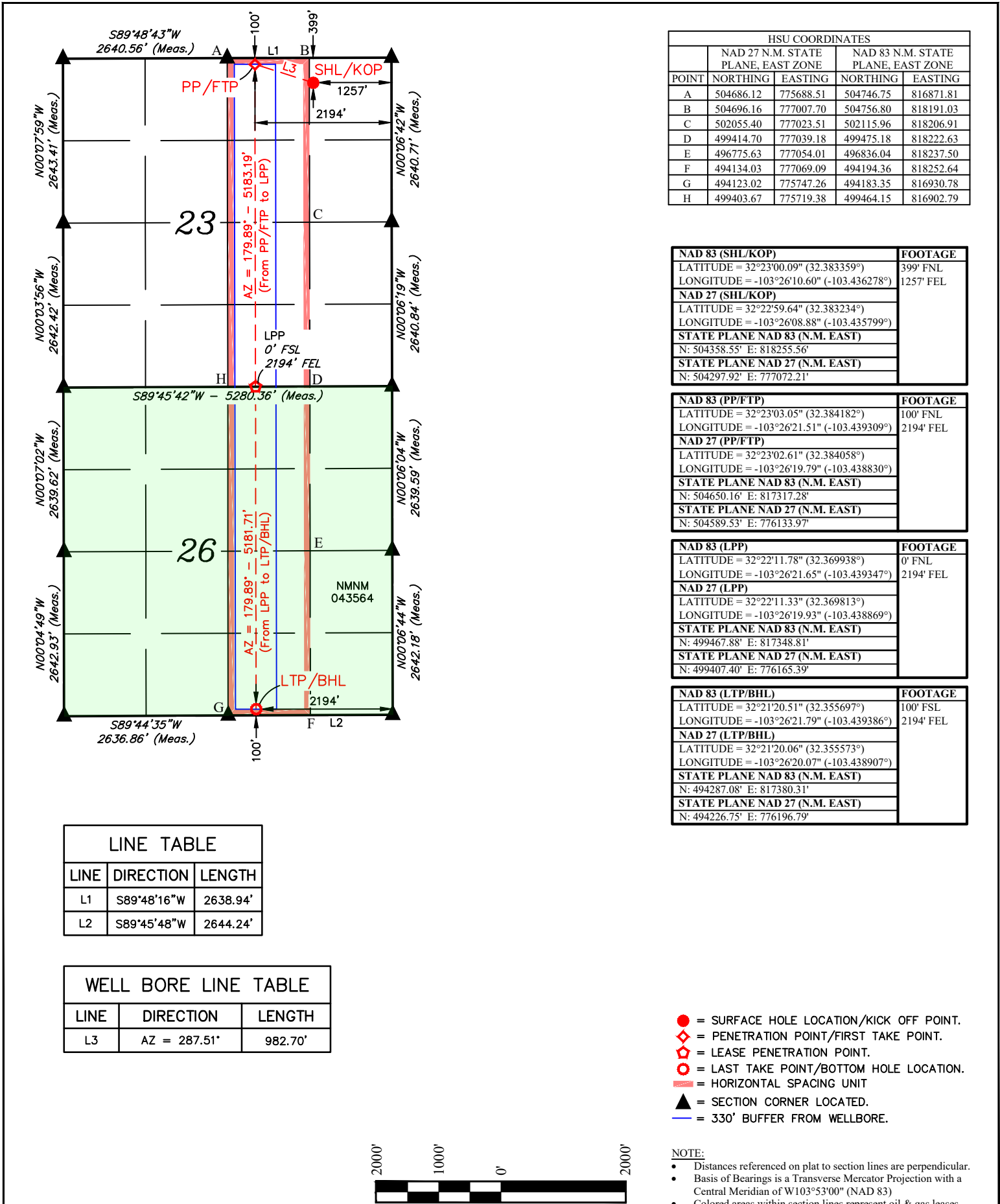
Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	23782                      September 21, 2023
Email Address _____	Certificate Number              Date of Survey

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

**Permian Resources Operating, LLC**  
**Case No. 24862**  
**Exhibit A-2**

Property Name TOUR BUS 23 FED COM	Well Number 603H	Drawn By Z.L. 10-05-23	Revised By REV. 2 T.I.R. 08-08-24 (UPDATE WELLBORE)
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HSU COORDINATES				
POINT	NAD 27 N.M. STATE PLANE, EAST ZONE		NAD 83 N.M. STATE PLANE, EAST ZONE	
	NORTHING	EASTING	NORTHING	EASTING
A	504686.12	775688.51	504746.75	816871.81
B	504696.16	777007.70	504756.80	818191.03
C	502055.40	777023.51	502115.96	818206.91
D	499414.70	777039.18	499475.18	818222.63
E	496775.63	777054.01	496836.04	818237.50
F	494134.03	777069.09	494194.36	818252.64
G	494123.02	775747.26	494183.35	816930.78
H	499403.67	775719.38	499464.15	816902.79

NAD 83 (SHL/KOP)	FOOTAGE
LATITUDE = 32°23'00.09" (32.383359°)	399' FNL
LONGITUDE = -103°26'10.60" (-103.436278°)	1257' FEL
NAD 27 (SHL/KOP)	
LATITUDE = 32°22'59.64" (32.383234°)	
LONGITUDE = -103°26'08.88" (-103.435799°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 504358.55' E: 818255.56'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 504297.92' E: 777072.21'	

NAD 83 (PP/FTP)	FOOTAGE
LATITUDE = 32°23'03.05" (32.384182°)	100' FNL
LONGITUDE = -103°26'21.51" (-103.439309°)	2194' FEL
NAD 27 (PP/FTP)	
LATITUDE = 32°23'02.61" (32.384058°)	
LONGITUDE = -103°26'19.79" (-103.438830°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 504650.16' E: 817317.28'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 504589.53' E: 776133.97'	

NAD 83 (LPP)	FOOTAGE
LATITUDE = 32°22'11.78" (32.369938°)	0' FNL
LONGITUDE = -103°26'21.65" (-103.439347°)	2194' FEL
NAD 27 (LPP)	
LATITUDE = 32°22'11.33" (32.369813°)	
LONGITUDE = -103°26'19.93" (-103.438869°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 499467.88' E: 817348.81'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 499407.40' E: 776165.39'	

NAD 83 (LTP/BHL)	FOOTAGE
LATITUDE = 32°21'20.51" (32.355697°)	100' FSL
LONGITUDE = -103°26'21.79" (-103.439386°)	2194' FEL
NAD 27 (LTP/BHL)	
LATITUDE = 32°21'20.06" (32.355573°)	
LONGITUDE = -103°26'20.07" (-103.438907°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 494287.08' E: 817380.31'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 494226.75' E: 776196.79'	

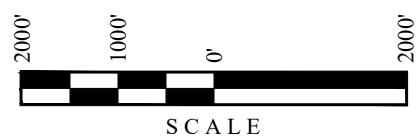
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°48'16"W	2638.94'
L2	S89°45'48"W	2644.24'

WELL BORE LINE TABLE		
LINE	DIRECTION	LENGTH
L3	AZ = 287.51°	982.70'

- = SURFACE HOLE LOCATION/KICK OFF POINT.
- ◆ = PENETRATION POINT/FIRST TAKE POINT.
- ◇ = LEASE PENETRATION POINT.
- = LAST TAKE POINT/BOTTOM HOLE LOCATION.
- = HORIZONTAL SPACING UNIT
- ▲ = SECTION CORNER LOCATED.
- = 330' BUFFER FROM WELLBORE.

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent oil & gas leases.



# Case 24862 – Tour Bus 23-26 Federal Com 603H

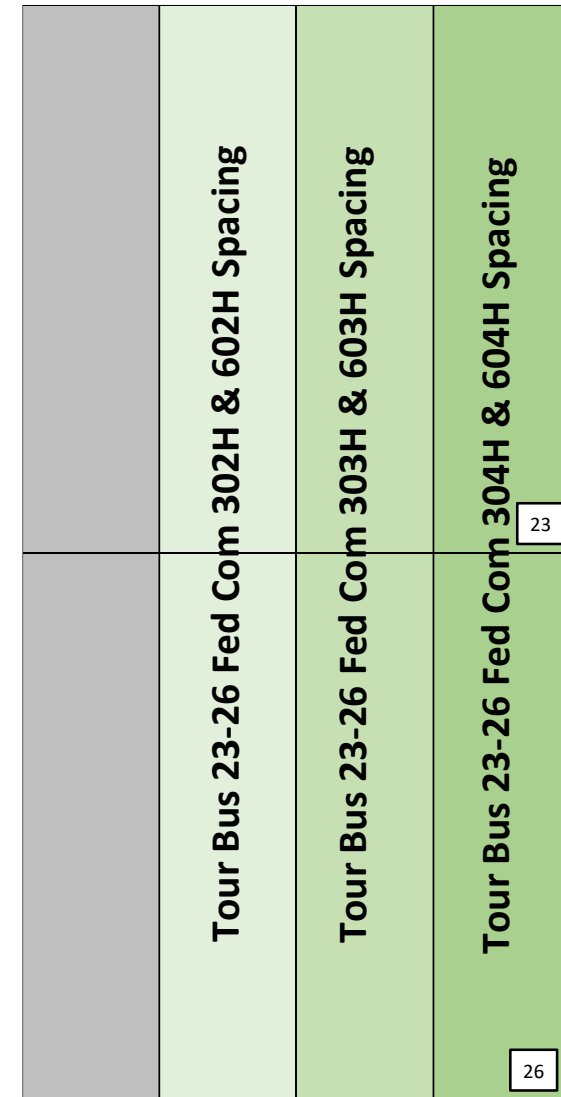
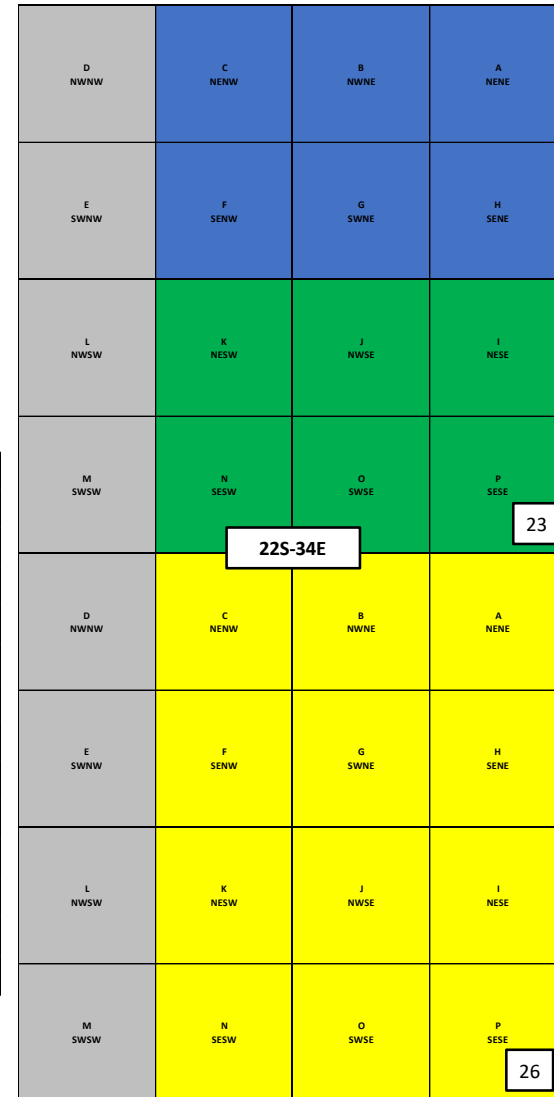
Permian Resources Operating, LLC  
Case No. 24862  
Exhibit A-3



Tract Capitulation		
Owner	Legal	WI
Permian Resources Operating LLC	Sec 23: All	1
BTA Oil Producers, LLC	Sec 26: All	0.628106
COG Operating LLC	Sec 26: All	0.25
Northern Oil and Gas, Inc.	Sec 26: All	0.100223
Ryan A. Pace Management Trust	Sec 26: All	0.005417
Clinton Pace (Estate)	Sec 26: All	0.005417
Tara N. Pace	Sec 26: All	0.005417
Aleyna N. Pace	Sec 26: All	0.005417

Unit Capitulation (All Tour Bus Wells)	
Owner	WI
Permian Resources Operating LLC	50.000%
BTA Oil Producers, LLC	31.406%
COG Operating LLC	12.500%
Northern Oil and Gas, Inc.	5.011%
Ryan A. Pace Management Trust	0.271%
Clinton Pace	0.271%
Tara N. Pace	0.271%
Aleyna N. Pace	0.271%
Total	100.000%

Owner	Pooling?	Owner Type	Comments
Permian Resources Operating LLC	N/A	WI/RT	
BTA Oil Producers, LLC	N	WI	All docs executed
COG Operating LLC	Y	WI/RT	COG close to signing JOA - likely to drop from pooling
Northern Oil and Gas, Inc.	Y	WI	
Ryan A. Pace Management Trust	Y	WI/RT	
Clinton Pace (Estate)	Y	WI/RT	
Tara N. Pace	Y	WI/RT	
Aleyna N. Pace	Y	WI/RT	
Hunt Oil Co	N	RT	Seeking Com Signatures
Devon Energy Prod. Co LP	N	RT	Seeking Com Signatures
Samson Resources Co	N	RT	Seeking Com Signatures
Axis Energy Corp	N	RT	Seeking Com Signatures
Alpha Energy Partners, LLC	N	RT	Seeking Com Signatures



\*Parties to be pooled are highlighted in yellow.



# Overlapping Spacing Unit Commentary

D NWNW	C NENW	B NWNW	A NENE
E SWNW	F SENW	G SWNE	H SENE
L NWSW	K NESW	J NWSE	I NESE
M SWSW	N SESW	O SWSE	P SESE
D NWNW	C NENW	B NWNW	A NENE
E SWNW	F SENW	G SWNE	H SENE
L NWSW	K NESW	J NWSE	I NESE
M SWSW	N SESW	O SWSE	P SESE

225-34E

23

26

Tour Bus 23-26 Fed Com 302H & 602H Spacing
Tour Bus 23-26 Fed Com 303H & 603H Spacing
Tour Bus 23-26 Fed Com 304H & 604H Spacing

23

26

Existing PR Tour Bus 1-mile wells 2nd Bone Spring
Existing BTA Ring Neck 1-mile wells 2nd Bone Spring

23

26

All interest owners in overlapping spacing units have been noticed





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

OFFICE 432.695.4222  
FAX 432.695.4063

August 7, 2024

**Via Certified Mail**

Northern Oil & Gas, Inc  
4350 Baker Rd., Suite 400  
Minnetonka, MN 55343

**Tour Bus 23-26 Federal Com – Well Proposals**

All of Sections 23 and 26, T22S-R34E  
Lea County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC (“Permian”), hereby proposes the drilling and completion of the following six (6) wells, the Tour Bus 23-26 Federal Com wells at the following approximate location within Township 22 South, Range 34 East:

**1. Tour Bus 23-26 Federal Com 302H – Existing Pad**

SHL: 527’ FNL & 1,295’ FEL of Section 23 (or at a legal location in Unit A)  
BHL: 100’ FSL & 1,656’ FWL of Section 26  
FTP: 100’ FNL & 1,656’ FWL of Section 23  
LTP: 100’ FSL & 1,656’ FWL of Section 26  
TVD: Approximately 9,600’  
TMD: Approximately 19,960’  
Proration Unit: E2W2 of Sections 23 & 26, T22S-R34E  
Targeted Interval: 1<sup>st</sup> Bone Spring  
Total Cost: See attached AFE

**2. Tour Bus 23-26 Federal Com 303H – Existing Pad**

SHL: 529’ FNL & 1,262’ FEL of Section 23 (or at a legal location in Unit A)  
BHL: 100’ FSL & 2,296’ FEL of Section 26  
FTP: 100’ FNL & 2,296’ FEL of Section 23  
LTP: 100’ FSL & 2,296’ FEL of Section 26  
TVD: Approximately 9,600’  
TMD: Approximately 19,960’  
Proration Unit: W2E2 of Sections 23 & 26, T22S-R34E  
Targeted Interval: 1<sup>st</sup> Bone Spring  
Total Cost: See attached AFE

**Permian Resources Operating, LLC  
Case No. 24862  
Exhibit A-4**

- 3. Tour Bus 23-26 Federal Com 304H – Existing Pad**  
SHL: 530' FNL & 1,229' FEL of Section 23 (or at a legal location in Unit A)  
BHL: 100' FSL & 990' FEL of Section 26  
FTP: 100' FNL & 989' FEL of Section 23  
LTP: 100' FSL & 990' FEL of Section 26  
TVD: Approximately 9,600'  
TMD: Approximately 19,960'  
Proration Unit: E2E2 of Sections 23 & 26, T22S-R34E  
Targeted Interval: 1<sup>st</sup> Bone Spring  
Total Cost: See attached AFE
- 4. Tour Bus 23-26 Federal Com 602H – Existing Pad**  
SHL: 397' FNL & 1,290' FEL of Section 23 (or at a legal location in Unit A)  
BHL: 100' FSL & 1,986' FWL of Section 26  
FTP: 100' FNL & 1,986' FWL of Section 23  
LTP: 100' FSL & 1,986' FWL of Section 26  
TVD: Approximately 11,150'  
TMD: Approximately 21,685'  
Proration Unit: E2W2 of Sections 23 & 26, T22S-R34E  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See attached AFE
- 5. Tour Bus 23-26 Federal Com 603H – Existing Pad**  
SHL: 399' FNL & 1,257' FEL of Section 23 (or at a legal location in Unit A)  
BHL: 100' FSL & 2,194' FEL of Section 26  
FTP: 100' FNL & 2,194' FEL of Section 23  
LTP: 100' FSL & 2,194' FEL of Section 26  
TVD: Approximately 11,150'  
TMD: Approximately 21,685'  
Proration Unit: W2E2 of Sections 23 & 26, T22S-R34E  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See attached AFE
- 6. Tour Bus 23-26 Federal Com 604H – Existing Pad**  
SHL: 400' FNL & 1,224' FEL of Section 23 (or at a legal location in Unit A)  
BHL: 100' FSL & 990' FEL of Section 26  
FTP: 100' FNL & 990' FEL of Section 23  
BHL: 100' FSL & 990' FEL of Section 26  
TVD: Approximately 11,150'  
TMD: Approximately 21,685'  
Proration Unit: E2E2 of Sections 23 & 26, T22S-R34E  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See attached AFE

The locations, TVDs, and targets are approximate and subject to change dependent on surface or subsurface issues encountered. These locations do fall within an approved potash drill island, so any surface changes remain subject to BLM approval. Permian is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement is enclosed. The Operating Agreement has the following general provisions:

- 100%/300%/300% non-consent provisions
- \$8,000/\$800 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 432.400.0188 or by email at [mason.maxwell@permianres.com](mailto:mason.maxwell@permianres.com)

Respectfully,



Mason Maxwell  
Landman

*Enclosures*

***Elections on page to follow.***

**Tour Bus 23-26 Federal Com Elections:**

<b>Well Elections:</b>		
<i>(Please indicate your responses in the spaces below)</i>		
<b>Well(s)</b>	<b>Elect to Participate</b>	<b>Elect to <u>NOT</u> Participate</b>
<b>Tour Bus 23-26 Federal Com 302H</b>		
<b>Tour Bus 23-26 Federal Com 303H</b>		
<b>Tour Bus 23-26 Federal Com 304H</b>		
<b>Tour Bus 23-26 Federal Com 602H</b>		
<b>Tour Bus 23-26 Federal Com 603H</b>		
<b>Tour Bus 23-26 Federal Com 604H</b>		

Company Name (If Applicable):

\_\_\_\_\_

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

Printed Name: \_\_\_\_\_

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

**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 \_\_\_\_\_, 2024 by:

*Company Name (If Applicable)*

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

Printed Name: \_\_\_\_\_

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

**Permian Resources Operating, LLC**

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

**ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE**

DATE:	8.7.2024	AFE NO.:	1
WELL NAME:	Tour Bus 23-26 Federal Com 603H	FIELD:	Bone Spring
LOCATION:	Section 23 & 26, T22S-R34E	MD/TVD:	21,685'/11,150'
COUNTY/STATE:	Lea County, New Mexico	LATERAL LENGTH:	10,000'
Permian WI:		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG	COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal TBSG 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	\$ 48,916	-	-	\$ 48,916
2 Location, Surveys & Damages	250,966	15,740	-	266,706
4 Freight / Transportation	41,492	38,138	18,935	98,565
5 Rental - Surface Equipment	108,309	187,665	89,941	385,915
6 Rental - Downhole Equipment	178,959	52,101	-	231,060
7 Rental - Living Quarters	41,888	47,461	-	89,349
10 Directional Drilling, Surveys	374,205	-	-	374,205
11 Drilling	656,705	-	-	656,705
12 Drill Bits	87,270	-	-	87,270
13 Fuel & Power	164,594	631,651	-	796,245
14 Cementing & Float Equip	211,952	-	-	211,952
15 Completion Unit, Swab, CTU	-	-	14,201	14,201
16 Perforating, Wireline, Slickline	-	342,488	-	342,488
17 High Pressure Pump Truck	-	107,393	-	107,393
18 Completion Unit, Swab, CTU	-	127,612	-	127,612
20 Mud Circulation System	91,655	-	-	91,655
21 Mud Logging	15,271	-	-	15,271
22 Logging / Formation Evaluation	6,333	7,264	-	13,598
23 Mud & Chemicals	315,219	381,733	9,467	706,420
24 Water	37,860	576,387	236,686	850,932
25 Stimulation	-	709,161	-	709,161
26 Stimulation Flowback & Disp	-	105,940	142,011	247,951
28 Mud / Wastewater Disposal	168,226	53,273	-	221,499
30 Rig Supervision / Engineering	105,582	116,231	14,201	236,014
32 Drlg & Completion Overhead	9,081	-	-	9,081
35 Labor	133,600	60,537	14,201	208,339
54 Proppant	-	1,093,515	-	1,093,515
95 Insurance	12,771	-	-	12,771
97 Contingency	-	21,275	-	21,275
99 Plugging & Abandonment	-	-	-	-
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,060,855</b>	<b>4,675,564</b>	<b>539,643</b>	<b>8,276,062</b>

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$ 106,487	-	-	\$ 106,487
61 Intermediate Casing	317,382	-	-	317,382
62 Drilling Liner	-	-	-	-
63 Production Casing	598,528	-	-	598,528
64 Production Liner	-	-	-	-
65 Tubing	-	-	132,544	132,544
66 Wellhead	56,469	-	37,870	94,339
67 Packers, Liner Hangers	12,834	-	18,935	31,769
68 Tanks	-	-	-	-
69 Production Vessels	-	-	-	-
70 Flow Lines	-	-	-	-
71 Rod string	-	-	-	-
72 Artificial Lift Equipment	-	-	85,207	85,207
73 Compressor	-	-	-	-
74 Installation Costs	-	-	52,597	52,597
75 Surface Pumps	-	-	-	-
76 Downhole Pumps	-	-	-	-
77 Measurement & Meter Installation	-	-	28,402	28,402
78 Gas Conditioning / Dehydration	-	-	-	-
79 Interconnecting Facility Piping	-	-	18,935	18,935
80 Gathering / Bulk Lines	-	-	-	-
81 Valves, Dumps, Controllers	-	-	-	-
82 Tank / Facility Containment	-	-	-	-
83 Flare Stack	-	-	15,779	15,779
84 Electrical / Grounding	-	-	36,818	36,818
85 Communications / SCADA	-	-	10,519	10,519
86 Instrumentation / Safety	-	-	5,260	5,260
<b>TOTAL TANGIBLES &gt;</b>	<b>1,091,699</b>	<b>0</b>	<b>442,865</b>	<b>1,534,564</b>
<b>TOTAL COSTS &gt;</b>	<b>4,152,553</b>	<b>4,675,564</b>	<b>982,509</b>	<b>9,810,626</b>

PREPARED BY Permian Resources Operating, LLC:

Drilling Engineer:	PS
Completions Engineer:	NH
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.



## Tour Bus - Cases 24855 – 24858, 24862, and 24863 – Contact Chronology

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**March 2023:** Original 2-mile Tour Bus well proposals sent

**March 2023 to January 2024:** Negotiations with BTA on co-development of Sections 23 & 26  
- Miscellaneous contact and negotiations with COG, NOG, and Pace family during this time

**April 2024:** BTA executes Tour Bus JOA

**May 2024:** BTA spuds its Section 26 2<sup>nd</sup> Bone “Ring Neck” unit (overlapping spacing unit)

**August 2024:** Tour Bus re-proposals sent to all parties upon agreement with BTA

**September 2024:** Com Agreements sent out, JOA negotiations with COG & NOG

**October 2024:** Continuing JOA negotiations with COG & NOG – COG expected to execute JOA prior to hearing date

**Permian Resources Operating, LLC**  
**Case No. 24862**  
**Exhibit A-5**

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

APPLICATIONS OF PERMIAN RESOURCES  
OPERATING, LLC FOR COMPULSORY  
POOLING AND OVERLAPPING SPACING  
UNITS, LEA COUNTY, NEW MEXICO.

CASE NOS. 24855, 24856,  
24857, 24858  
24862, 24863

SELF-AFFIRMED STATEMENT  
OF CHRIS REUDELHUBER

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 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 Tour Bus project area, in proximity to the Capitan Reef within the Delaware Basin, for the Bone Spring horizontal spacing units that are the subject of these applications.

4. **Exhibit B-2** is a cross section location map for the proposed horizontal spacing units (“Units”) within the Bone Spring formation. The approximate wellbore paths for the proposed **Tour Bus 23-26 Federal Com 302H, Tour Bus 23-26 Federal Com 303H, Tour Bus 23-26 Federal Com 304H, Tour Bus 23-26 Federal Com 602H, Tour Bus 23-26 Federal Com 603H, Tour Bus 23-26 Federal Com 604H** wells (“Wells”) are represented by dashed lines. Existing producing wells in the targeted interval are represented by solid lines. This map identifies the cross-section running from A-A’ with the cross-section wells name and a black line in

**Permian Resources Operating, LLC  
Case No. 24862  
Exhibit B**



proximity to the proposed Wells. The pooling unit areas are defined by blue boxes and are labeled with their respective case numbers.

5. **Exhibit B-3** is a Subsea Structure map on the Top First Bone Spring formation in TVD subsea with a contour interval of 100 ft. The map identifies the approximate wellbore paths for the proposed Wells with a green dashed line. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Wells. The data points are indicated by red triangles. The map demonstrates the formation is gently dipping to the South-Southeast 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 Subsea Structure map on the Base Third Bone Spring formation in TVD subsea with a contour interval of 100 ft. The map identifies the approximate wellbore paths for the proposed Wells with a red dashed line. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Wells. The data points are indicated by red triangles. The map demonstrates the formation is gently dipping to the South in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

7. **Exhibit B-5** is a stratigraphic cross-section from A to A' using the representative wells identified on Exhibit B-3. It contains gamma ray, resistivity, and porosity logs. The cross section is oriented from North to South and is hung on the Base Third Bone Spring formation. The proposed landing zones for the Wells are labeled on the exhibit. The approximate well-paths for the proposed Wells are indicated by dashed lines to be drilled from North to South across the units. This cross-section demonstrates the target intervals are continuous across the Unit.

8. **Exhibit B-6** is a gun barrel diagram that shows the proposed Wells in the Bone Spring formation. The spacing units are defined by blue dashed boxes and are labeled with their respective case numbers.


9. In my opinion, a standup orientation for the Wells 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.

10. 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 Wells.

11. In my opinion, granting the application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

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

13. 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.

  
Chris Reudelhuber

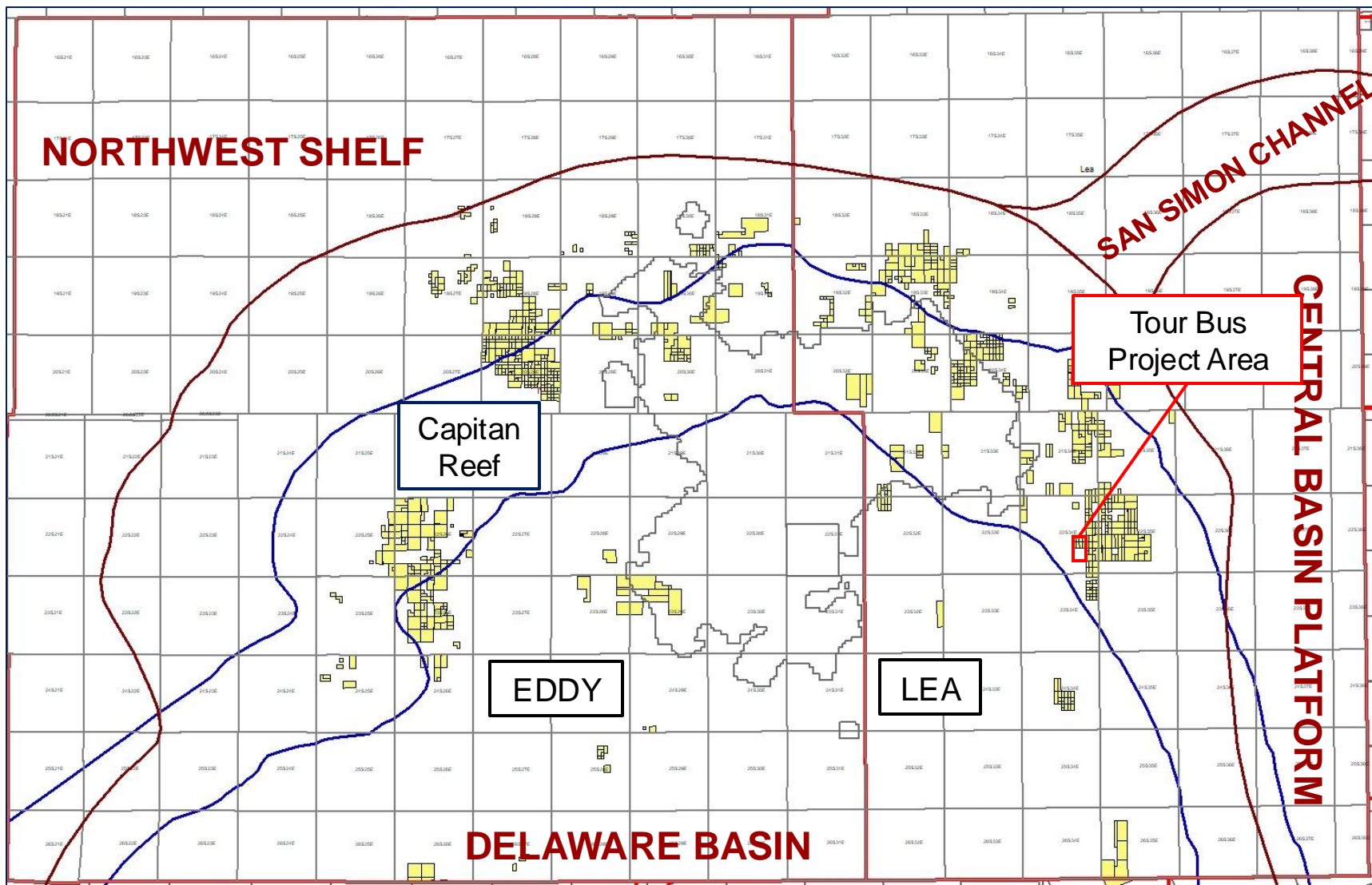
10/2/2024  
Date



Exhibit B-1

# Regional Locator Map

Tour Bus 23-26 Federal 302H, Tour Bus 23-26 Federal 303H, Tour Bus 23-26 Federal 304H, Tour Bus 23-26 Federal 602H, Tour Bus 23-26 Federal 603H, Tour Bus 23-26 Federal 604H

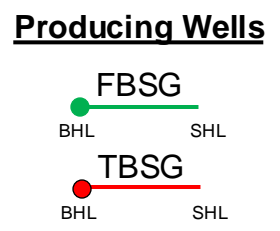
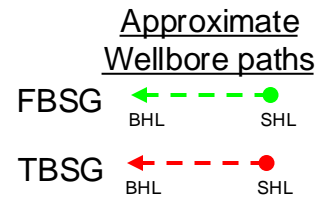
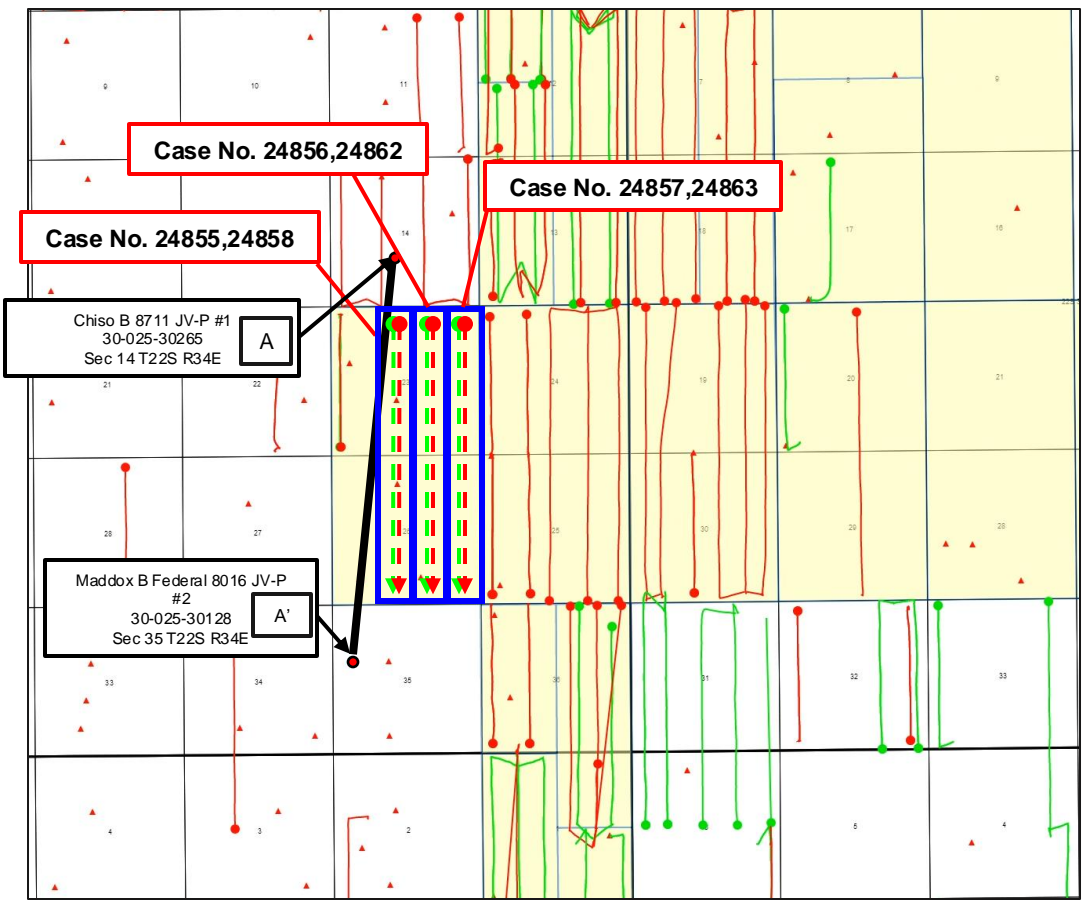


Permian Resources



# Cross-Section Locator Map

Tour Bus 23-26 Federal 302H, Tour Bus 23-26 Federal 303H, Tour Bus 23-26 Federal 304H, Tour Bus 23-26 Federal 602H, Tour Bus 23-26 Federal 603H, Tour Bus 23-26 Federal 604H

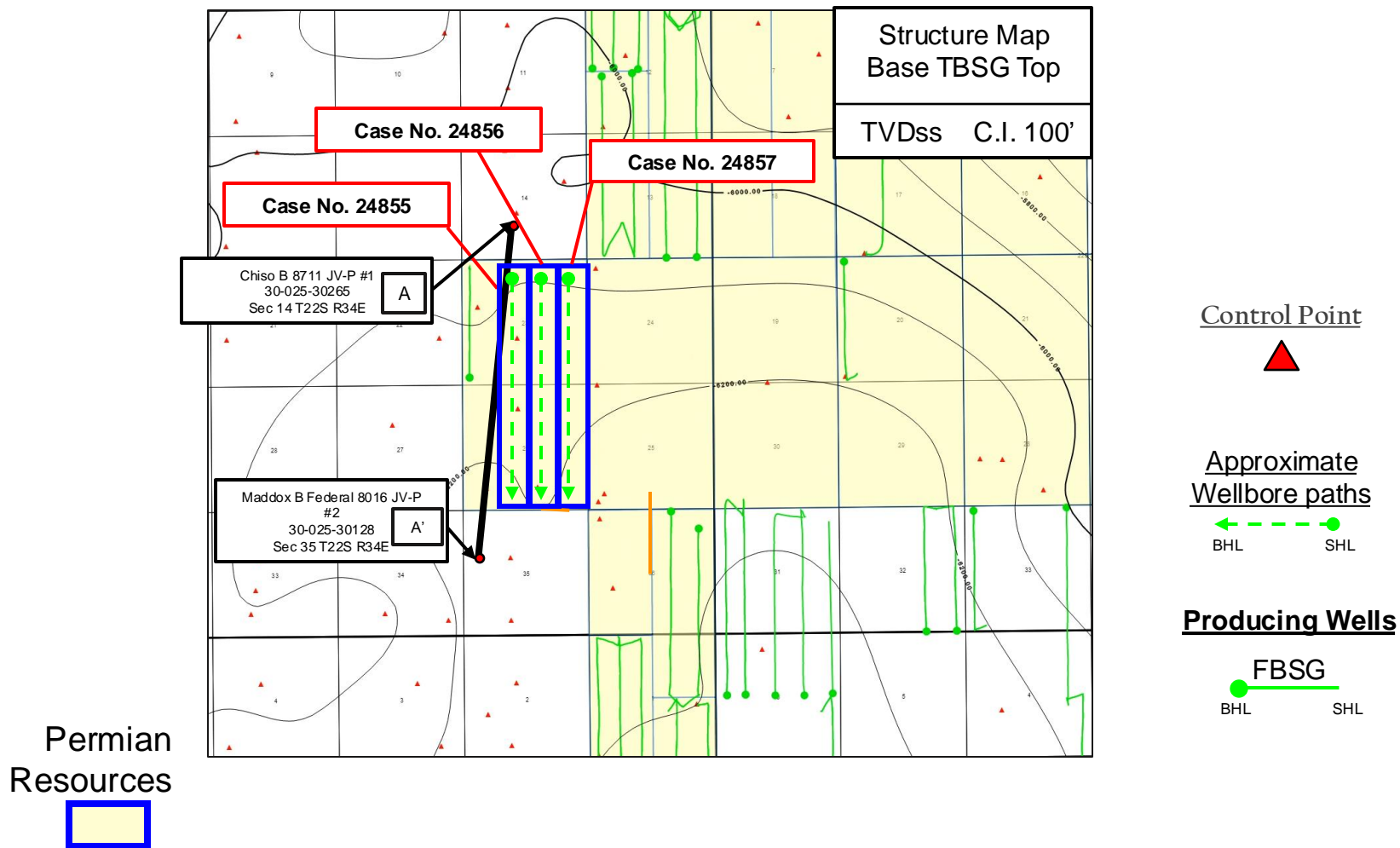


Permian Resources



# First Bone Spring – FBSG SSTVD Structure Map

Tour Bus 23-26 Federal 302H, Tour Bus 23-26 Federal 303H, Tour Bus 23-26 Federal 304H





# Third Bone Spring – Base TBSG SSTVD Structure Map

Tour Bus 23-26 Federal 602H, Tour Bus 23-26 Federal 603H, Tour Bus 23-26 Federal 604H

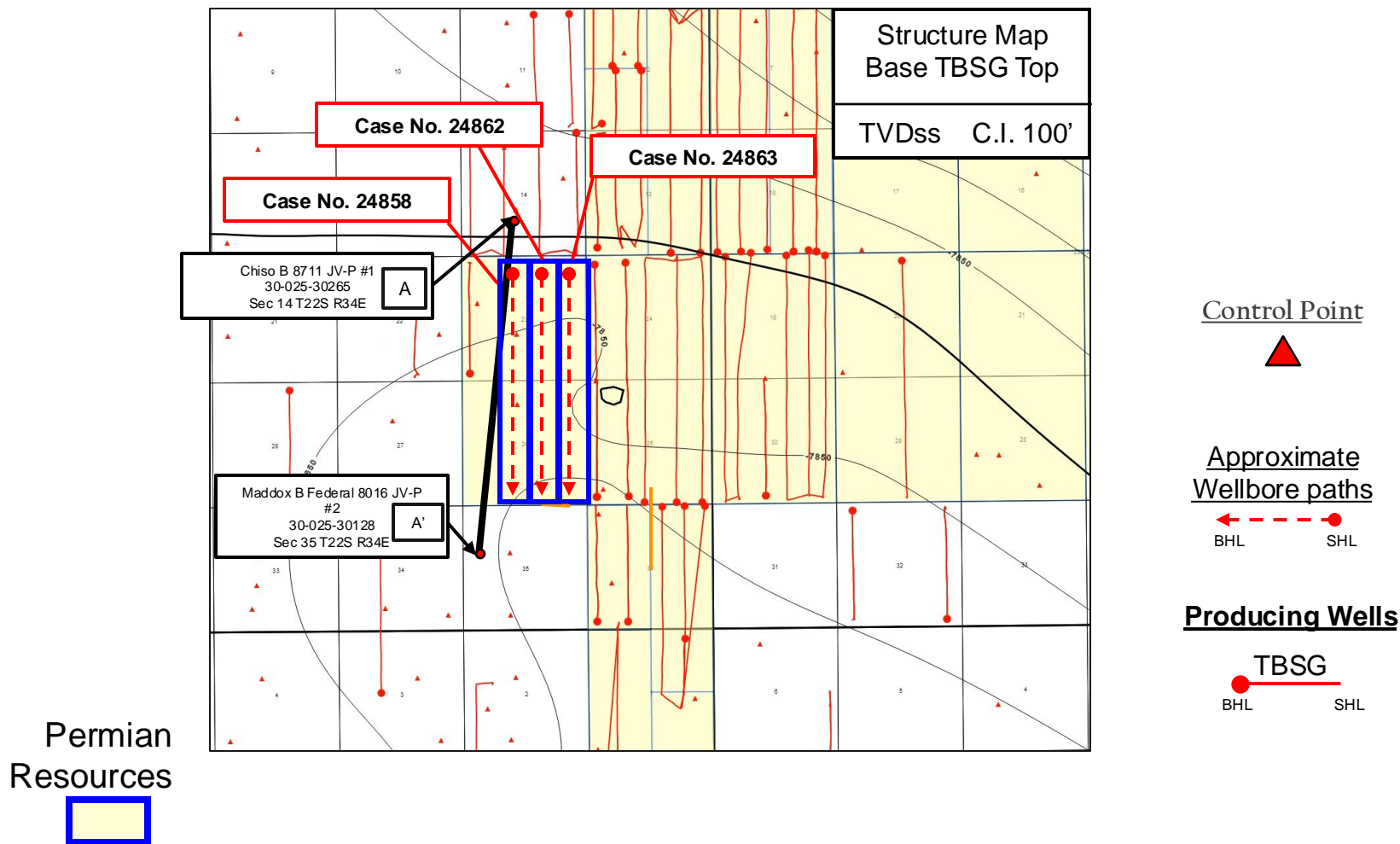
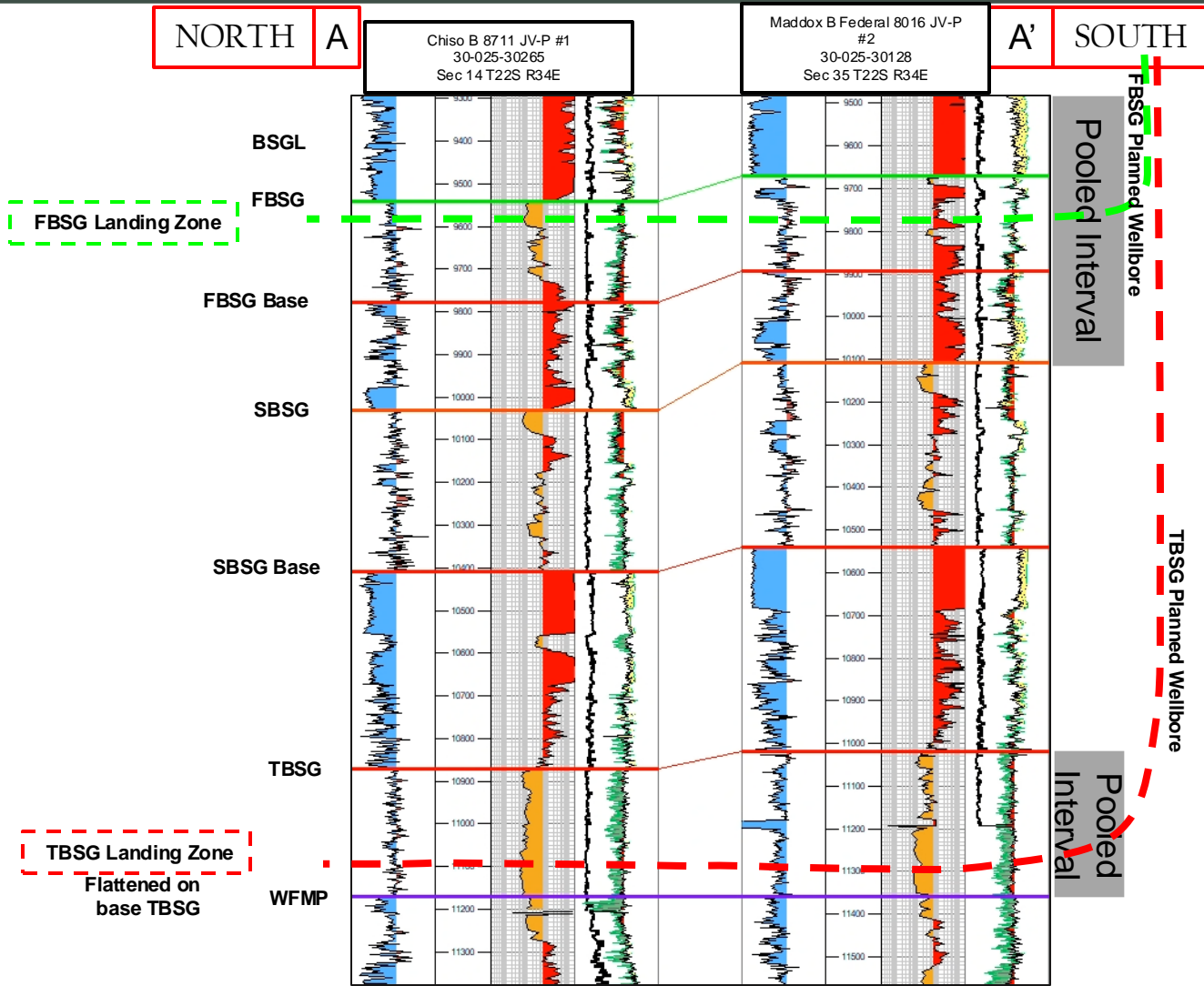


Exhibit B-5



# Stratigraphic Cross-Section A-A'

Tour Bus 23-26 Federal 302H, Tour Bus 23-26 Federal 303H, Tour Bus 23-26 Federal 304H, Tour Bus 23-26 Federal 602H, Tour Bus 23-26 Federal 603H, Tour Bus 23-26 Federal 604H

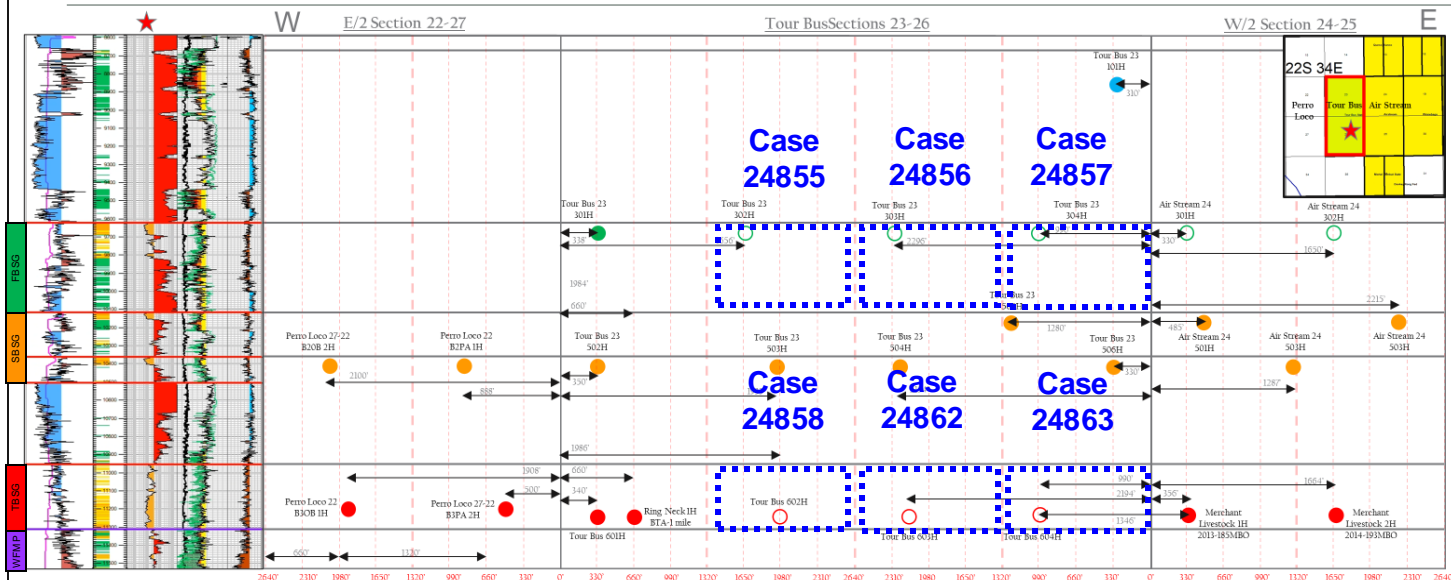




# Gun Barrel Development Plan

Tour Bus 23-26 Federal 302H, Tour Bus 23-26 Federal 303H, Tour Bus 23-26 Federal 304H, Tour Bus 23-26 Federal 602H, Tour Bus 23-26 Federal 603H, Tour Bus 23-26 Federal 604H

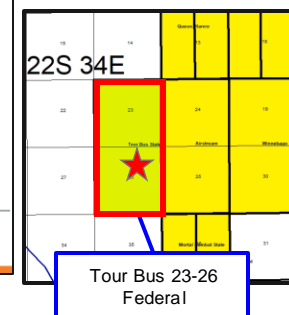
Lea: PDU – Pryor – Tour Bus



30-025-30604

○ Permit    ◌ DUC    ● Producing

- FBSG Proposed
- SBSG Producing
- TBSG Proposed
- TBSG Producing





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

APPLICATION OF PERMIAN RESOURCES  
OPERATING, LLC FOR COMPULSORY  
POOLING AND OVERLAPPING SPACING  
UNIT, LEA COUNTY, NEW MEXICO.

CASE NO. 24862

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 Letter attached as **Exhibit C-1** and caused the 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 September 20, 2024, 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 is 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 2, 2024  
Date

Permian Resources Operating, LLC  
Case No. 24862  
Exhibit C



**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

hinklelawfirm.com

September 17, 2024

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

**TO ALL PARTIES ENTITLED TO NOTICE**

**Re: Case Nos. 24855, 24856, 24857, 24858, 24862, & 24863 Applications of Permian Resources Operating LLC for Compulsory Pooling and Overlapping Spacing Units, Lea County, New Mexico.**

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **October 10, 2024**, beginning at 8:15 a.m.

The hearing will be conducted in a hybrid fashion, both virtually and in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505. To participate virtually, 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](mailto: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.

If you have any questions about this application, please contact Travis Macha, New Mexico Land Manager at: [travis.macha@permianres.com](mailto:travis.macha@permianres.com) or by phone at (432) 400-1037.

Sincerely,  
/s/ Dana S. Hardy  
Dana S. Hardy

**Permian Resources Operating, LLC**  
**Case No. 24862**  
**Exhibit C-1**

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

**APPLICATION OF PERMIAN RESOURCES  
OPERATING, LLC FOR COMPULSORY  
POOLING AND OVERLAPPING SPACING  
UNIT, LEA COUNTY, NEW MEXICO,**

**CASE NOS. 24855, 24856,  
24857, 24858, 24862, &24863**

**NOTICE LETTER CHART**

<b>PARTY</b>	<b>NOTICE LETTER SENT</b>	<b>RETURN RECEIVED</b>
Briana Cooper, Permanent Guardian of the Estate of Clinton Harrison Pace P.O. Box 65305 Lubbock, TX 79464	09/17/2024 9589071052701152549857	09/23/2024
BTA Oil Producers, LLC 104 S. Pecos Midland, TX 79701	09/17/2024 9589071052701152549833	USPS Tracking 10/02/2024: Item delivered 09/23/2024
COG Operating, LLC 600 W. Illinois Ave Midland, TX 79701	09/17/2024 9589071052701152549826	USPS Tracking 10/02/2024: Item delivered 09/23/2024
Northern Oil & Gas, Inc 4350 Baker Rd., Suite 400 Minnetonka, MN 55343	09/17/2024 9589071052701152549840	09/26/2024
Nuray K. Pace, Guardian for Aleyna N. Pace, a minor 15 Maroon Creek Ct Spring, TX 77389	09/17/2024 9589071052701152549871	USPS Tracking 10/02/2024: Item in transit to next facility
Nuray K. Pace, Guardian for Tara N. Pace, a minor 15 Maroon Creek Ct Spring, TX 77389	09/17/2024 9589071052701152549864	USPS Tracking 10/02/2024: Item in transit to next facility
Terri Rutter and Rita Robins, Co-Trustees of the Ryan A. Pace Management PO Box 12103 El Paso, TX 79913	09/17/2024 9589071052701152549888	USPS Tracking 10/02/2024: Item delivered 10/01/2024

**Permian Resources Operating, LLC  
Case No. 24862  
Exhibit C-2**

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SANTA FE, NM 87507  
SEP 17 2024  
USPS

9589 0710 5270 1152 5498 57

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 \$

Sent To

Street and Apt. No., or PO Box No. Briana Cooper, Permanent Guardian of the Estate of Clinton Harrison Pace P.O. Box 65305 Lubbock, TX

City, State, ZIP+4® Lubbock, TX 24855-58 - 24862-63 PRO -TourBus

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)            Briana Cooper</p> <p>C. Date of Delivery            SEP 23 2024</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>Briana Cooper,            Permanent Guardian of the Estate of            Clinton Harrison Pace            P.O. Box 65305            Lubbock, TX 79464            24855-58 - 24862-63 PRO -TourBus</p>	<p>3. Service Type  <input type="checkbox"/> Adult Signature  <input type="checkbox"/> Adult Signature Restricted Delivery  <input type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Insured Mail  <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p>Hinkle Shanor LLC            Santa Fe NM 87507  <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 1152 5498 57</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

**Permian Resources Operating, LLC**  
**Case No. 24862**  
**Exhibit C-3**

**U.S. Postal Service™**  
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**SANTA FE, NM 87501**  
**SEP 17 2024**  
**USPS**

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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 \$  
 Sent To  
 Street and Apt. No., or PO Box No. Northern Oil & Gas, Inc  
 4350 Baker Rd., Suite 400  
 Minnetonka, MN 55343  
 City, State, ZIP+4®  
 24855-58 - 24862-63 PRO -TourBus  
 PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:  
 Northern Oil & Gas, Inc  
 4350 Baker Rd., Suite 400  
 Minnetonka, MN 55343  
 24855-58 - 24862-63 PRO -TourBus

2. Article Number (Transfer from service label)  
 9589 0710 5270 1152 5498 40

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 NOSS  
 Agent  
 Addressee

B. Received by (Printed Name)  
 NOGS  
 C. Date of Delivery  
 SEP 26 2024

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below.  No  
 Hinkle Shanor LLP  
 Santa Fe, NM 87504

3. Service Type  
 Adult Signature  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Certified Mail Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Insured Mail  
 Insured Mail Restricted Delivery (over \$500)  
 Priority Mail Express®  
 Registered Mail™  
 Registered Mail Restricted Delivery  
 Signature Confirmation™  
 Signature Confirmation Restricted Delivery

Domestic Return Receipt

9589 0710 5270 1152 5498 33

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Certified Mail Restricted Delivery \$

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Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To

Street and Apt. No., or PO Box BTA Oil Producers, LLC  
 104 S. Pecos

City, State, ZIP+4® Midland, TX 79701

24855-58 - 24862-63 PRO -TourBus

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

ALERT: HURRICANE HELENE, FLOODING, AND SEVERE WEATHER IN THE SOUTHEASTERN U....

# USPS Tracking<sup>®</sup>

FAQs >

Tracking Number:

Remove X

## 9589071052701152549833

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### Latest Update

Your item was picked up at a postal facility at 7:30 am on September 23, 2024 in MIDLAND, TX 79701.

Get More Out of USPS Tracking:

**USPS Tracking Plus<sup>®</sup>**

Feedback

#### Delivered

**Delivered, Individual Picked Up at Postal Facility**

MIDLAND, TX 79701

September 23, 2024, 7:30 am

#### In Transit to Next Facility

September 21, 2024

#### Departed USPS Facility

ALBUQUERQUE, NM 87101

September 17, 2024, 11:59 pm

#### Arrived at USPS Facility

ALBUQUERQUE, NM 87101

September 17, 2024, 11:00 pm

Hide Tracking History

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

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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** \$

Sent To

Street and Apt. No., or PO Box No. COG Operating, LLC  
600 W. Illinois Ave  
Midland, TX 79701

City, State, ZIP+4® 24855-58 - 24862-63 PRO-TourBus

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

SANTA, FE, NM 87507  
SEP 17 2024  
Postmark Here  
USPS



ALERT: HURRICANE HELENE, FLOODING, AND SEVERE WEATHER IN THE SOUTHEASTERN U....

# USPS Tracking®

FAQs >

Tracking Number:

Remove X

## 9589071052701152549826

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### Latest Update

Your item was picked up at a postal facility at 7:50 am on September 23, 2024 in MIDLAND, TX 79701.

Get More Out of USPS Tracking:

**USPS Tracking Plus®**

Feedback

#### Delivered

**Delivered, Individual Picked Up at Postal Facility**

MIDLAND, TX 79701

September 23, 2024, 7:50 am

#### Redelivery Scheduled for Next Business Day

MIDLAND, TX 79701

September 20, 2024, 10:26 am

#### In Transit to Next Facility

September 19, 2024

#### Departed USPS Facility

ALBUQUERQUE, NM 87101

September 17, 2024, 11:59 pm

#### Arrived at USPS Facility

ALBUQUERQUE, NM 87101

September 17, 2024, 11:00 pm

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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** \$ \_\_\_\_\_

Sent To

Street and Apt. No., or PO Box No. \_\_\_\_\_

City, State, ZIP+4® \_\_\_\_\_

Nuray K. Pace, Guardian for Nuray K. Pace, a minor

15 Maroon Creek Ct

Spring, TX 77389

24855-58 - 24862-63 PRO -TourBus

USPS

Postmark Here  
**SEP 17 2024**

SANTA FE, NM 87501

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

9589 0710 5270 1152 5498 71

ALERT: HURRICANE HELENE, FLOODING, AND SEVERE WEATHER IN THE SOUTHEASTERN U....

# USPS Tracking®

FAQs >

Tracking Number:

Remove X

## 9589071052701152549871

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### Latest Update

Your package is moving within the USPS network and is on track to be delivered to its final destination. It is currently in transit to the next facility.

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**USPS Tracking Plus®**

Delivered

Out for Delivery

Preparing for Delivery

#### Moving Through Network

**In Transit to Next Facility**

September 21, 2024

**Departed USPS Facility**

ALBUQUERQUE, NM 87101

September 17, 2024, 11:59 pm

**Arrived at USPS Facility**

ALBUQUERQUE, NM 87101

September 17, 2024, 11:00 pm

Hide Tracking History

Feedback

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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 \$ \_\_\_\_\_

Sent To

Street and Apt. No., or PO Box No. Nury K. Pace, Guardian for Tara N. Pace, a minor

City, State, ZIP+4® 15 Maroon Creek Ct  
Spring, TX 77389

24855-58 • 24862-63 PRO -TourBus

ALERT: HURRICANE HELENE, FLOODING, AND SEVERE WEATHER IN THE SOUTHEASTERN U....

# USPS Tracking<sup>®</sup>

FAQs >

Tracking Number:

Remove X

## 9589071052701152549864

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

### Latest Update

Your package is moving within the USPS network and is on track to be delivered to its final destination. It is currently in transit to the next facility.

#### Get More Out of USPS Tracking:

USPS Tracking Plus<sup>®</sup>

Delivered

Out for Delivery

Preparing for Delivery

#### Moving Through Network

**In Transit to Next Facility**

September 21, 2024

**Departed USPS Facility**

ALBUQUERQUE, NM 87101

September 17, 2024, 11:59 pm

**Arrived at USPS Facility**

ALBUQUERQUE, NM 87101

September 17, 2024, 11:00 pm

Hide Tracking History

Feedback

9589 0710 5270 1152 5498 88

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**OFFICIAL**  
 SANTA FE, NM 87501  
 SEP 17 2024  
 USPS

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 \$

Sent To  
 Street and Apt. No., or PO Box No. Terri Rutter and Rita Robins,  
 PO Box 12103  
 City, State, ZIP+4® El Paso, TX 79913  
 24855-58 - 24862-63 PRO -TourBus

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

ALERT: HURRICANE HELENE, FLOODING, AND SEVERE WEATHER IN THE SOUTHEASTERN U....

# USPS Tracking®

FAQs >

Tracking Number:

Remove X

## 9589071052701152549888

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

### Latest Update

Your item was picked up at the post office at 9:23 am on October 1, 2024 in EL PASO, TX 79912.

Get More Out of USPS Tracking:

**USPS Tracking Plus®**

Feedback

#### Delivered

**Delivered, Individual Picked Up at Post Office**

EL PASO, TX 79912

October 1, 2024, 9:23 am

#### Reminder to pick up your item before October 3, 2024

EL PASO, TX 79913

September 24, 2024

#### Available for Pickup

CORONADO

7383 REMCON CIR

EL PASO TX 79912-9998

M-F 0830-1800; SAT 0830-1200

September 19, 2024, 10:53 am

#### Arrived at Post Office

EL PASO, TX 79912

September 19, 2024, 9:35 am

#### In Transit to Next Facility

LEGAL NOTICE  
September 20, 2024

**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  
September 20, 2024  
and ending with the issue dated  
September 20, 2024.

  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this  
20th day of September 2024.

  
\_\_\_\_\_  
Business Manager

My commission expires  
January 29, 2027

(Seal) STATE OF NEW MEXICO  
NOTARY PUBLIC  
GUSSIE RUTH BLACK  
COMMISSION # 1087528  
COMMISSION EXPIRES 01/29/2027

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.

**Permian Resources Operating, LLC**  
**Case No. 24862**

Released to Imaging: 10/3/2024 4:32:53 PM

This is to notify all interested parties, including COG Operating, LLC; BTA Oil Producers, LLC; Northern Oil & Gas, Inc.; Briana Cooper, Permanent Guardian of the Estate of Clinton Harrison Pace; Nuray K. Pace, Guardian for Tara N. Pace, a minor; Nuray K. Pace, Guardian for Aleyna N. Pace, a minor; Terri Rutter and Rita Robbins, Co-Trustees of the Ryan A. Pace Management; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on applications submitted by Permian Resources Operating, LLC ("Applicant") (OGRID No. 372165), in Case Nos. 24855, 24856, 24857, 24858, 24862, and 24863. The hearing will be conducted on October 10, 2024, in a hybrid fashion, both virtually and in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

In Case No. 24855, Applicant applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the E/2 W/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico; and (2) pooling all uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying the unit. The unit will be dedicated to the **Tour Bus 23-26 Federal Com 302H** well, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 26. The completed interval of the well will be orthodox. The unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #003H (API No. 30-025-52613), which is located in the E/2 W/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance in the unit, Applicant seeks to pool uncommitted interests from the top of the First Bone Spring interval at a stratigraphic equivalent of approximately 9,674' TVD to the base of the First Bone Spring interval at a stratigraphic equivalent of approximately 9,867' TVD as shown on the Ojo Chiso Federal #003 (API # 30-025-30733) well log.

In Case No. 24856, Applicant applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the W/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico; and (2) pooling all uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying the unit. The unit will be dedicated to the **Tour Bus 23-26 Federal Com 303H** well, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 26. The completed interval of the well will be orthodox. The unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #004H (API No. 30-025-52614), which is located in the W/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance within the unit, Applicant seeks to pool uncommitted interests from the top of the First Bone Spring interval at a stratigraphic equivalent of approximately 9,674' TVD to the base of the First Bone Spring interval at a stratigraphic equivalent of approximately 9,867' TVD as shown on the Ojo Chiso Federal #003 (API # 30-025-30733) well log.

In Case No. 24857, Applicant applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the E/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico; and (2) pooling all uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying the unit. The unit will be dedicated to the **Tour Bus 23-26 Federal Com 304H** well, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 26. The completed interval of the well will be orthodox. The unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #005H (API No. 30-025-52615), which is located in the E/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance in the unit, applicant seeks to pool uncommitted interests from the top of the First Bone Spring interval at a stratigraphic equivalent of approximately 9,674' TVD to the base of the First Bone Spring interval at a stratigraphic equivalent of approximately 9,867' TVD as shown on the Ojo Chiso Federal #003 (API # 30-025-30733) well log.

In Case No. 24858, Applicant applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the E/2 W/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico; and (2) pooling all uncommitted interests in the Third Bone Spring interval of the Bone Spring formation underlying the unit. The unit will be dedicated to the **Tour Bus 23-26 Federal Com 602H** well, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 26. The completed interval of the well will be orthodox. The unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #003H (API No. 30-025-52613), which is located in the E/2 W/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance in the unit, Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately 10,983' TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336' TVD as shown on the Ojo Chiso Federal #3 (API # 30-025-30733) well log.

In Case No. 24862, Applicant applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the W/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico; and (2) pooling all uncommitted interests in the Third Bone Spring interval of the Bone Spring formation underlying the unit. The unit will be dedicated to the **Tour Bus 23-26 Federal Com 603H** well, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 26. The completed interval of the well will be orthodox. The unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #004H (API No. 30-025-52614), which is located in the W/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance in the unit, Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately 10,983' TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336' TVD as shown on the Ojo Chiso Federal #3 (API # 30-025-30733) well log.

In Case No. 24863, Applicant applies for an order (1) establishing a 320-acre, more or less, standard, overlapping horizontal spacing unit comprised of the E/2 E/2 of Sections 23 and 26, Township 22 South, Range 34 East, Lea County, New Mexico; and (2) pooling all uncommitted interests in the Third Bone Spring interval of the Bone Spring formation underlying the unit. The unit will be dedicated to the **Tour Bus 23-26 Federal Com 604H** well, which will be drilled from a surface hole location in the NE/4 NE/4 (Unit A) of Section 23 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 26. The completed interval of the well will be orthodox. The unit will partially overlap with the spacing unit for the Ring Neck 8817 26 Federal #005H (API No. 30-025-52615), which is located in the E/2 E/2 of Section 26, Township 22 South, Range 34 East, Lea County, and produces from the Ojo Chiso; Bone Spring pool (Code 96553). Due to a depth severance in the unit, Applicant seeks to pool uncommitted interests from the top of the Third Bone Spring interval at a stratigraphic equivalent of approximately 10,983' TVD to the base of the Third Bone Spring interval at a stratigraphic equivalent of approximately 11,336' TVD as shown on the Ojo Chiso Federal #3 (API # 30-025-30733) well log.