

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

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

**CASE NO. 25229**

**NOTICE OF REVISED EXHIBITS**

Permian Resources Operating, LLC ("Permian"), applicant in the above referenced case, gives notice that it is filing the attached revised exhibit for acceptance into the record.

**Permian Revised Exhibit A** is a revised compulsory pooling checklist with all entries of appearance/intervenors listed and showing that Permian is seeking to only pool the Third Bone Spring.

**Permian Revised Exhibit C-3** is an updated pooling exhibit that explains the interests of BTA Oil Producers and David M. Stevens.

Respectfully submitted,

HOLLAND & HART LLP

By:  \_\_\_\_\_  
Michael H. Feldewert  
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pmvance@hollandhart.com

**ATTORNEYS FOR PERMIAN RESOURCES  
OPERATING, LLC**

**CERTIFICATE OF SERVICE**

I hereby certify that on April 15, 2025, I served a copy of the foregoing document to the following counsel of record via Electronic Mail to:

Deana M. Bennett  
Earl E. DeBrine, Jr.  
Yarithza Peña  
Post Office Box 2168  
500 Fourth Street NW, Suite 1000  
Albuquerque, New Mexico 87103-2168  
Telephone: 505.848.1800

*Attorneys for Avant Operating II, LLC*



Paula M. Vance

**BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING APRIL 10, 2025**

**CASE No. 25229**

*RIDDLER 10 FED COM #131H WELL*

*LEA COUNTY, NEW MEXICO*

**PERMIAN**  
RESOURCES

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

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

**CASE NO. 25229**

**TABLE OF CONTENTS**

- **Permian Revised Exhibit A:** Compulsory Pooling Application Checklist
- **Permian Exhibit B:** Application of Permian Resources Operating, LLC for Compulsory Pooling
- **Permian Exhibit C:** Self-Affirmed Statement of Mark Hadjik, Landman
  - Permian Exhibit C-1: C-102s
  - Permian Revised Exhibit C-2: Land Tract Map and Ownership Breakdown
  - Permian Exhibit C-3: Sample Well Proposal Letters with AFE
  - Permian Exhibit C-4: Chronology of Contacts
- **Permian Exhibit D:** Self-Affirmed Statement of Cole Hendrickson, Geologist
  - Permian Exhibit D-1: Locator Map
  - Permian Exhibit D-2: Cross-Section Map
  - Permian Exhibit D-3: Subsea Bone Spring Structure Map
  - Permian Exhibit D-4: Stratigraphic Cross-Section
- **Permian Exhibit E:** Self-Affirmed Notice Statement
- **Permian Exhibit F:** Notice of Publication




# COMPULSORY POOLING APPLICATION CHECKLIST

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

<b>Case: 25229</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date</b>	<b>April 3, 2025</b>
Applicant	Permian Resources Operating, LLC (372165)
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF PERMIAN RESOURCES OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	MRC Permian Company & MRC Hat Mesa, LLC, and Avant Operating II, LLC
Well Family	Riddler
<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:	Quail Ridge; Bone Spring, South [50461]
Well Location Setback Rules:	Statewide setbacks
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320
Building Blocks:	40 acres
Orientation:	Laydown/U-Turn
Description: TRS/County	W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-2
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

Well #1	<b>Riddler 10 Fed Com 111H:</b> SHL: 230' FNL, 586' FWL (Unit D) of Section 10 BHL: 10' FSL, 1,650' FWL (Unit C) of Section 10 Completion Target: Bone Spring formation Well Orientation: Laydown/U-Turn Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-3
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	See Application
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit C-2
Tract List (including lease numbers and owners)	Exhibit C-2
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 C-2
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit C-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-3
Chronology of Contact with Non-Joined Working Interests	Exhibit C-4
Overhead Rates In Proposal Letter	Exhibit C-3
Cost Estimate to Drill and Complete	Exhibit C-3
Cost Estimate to Equip Well	Exhibit C-3
Cost Estimate for Production Facilities	Exhibit C-3
<b>Geology</b>	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit D

Target Formation	Exhibit D, D-3
HSU Cross Section	Exhibit D-2, D-4
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit C-1
Tracts	Exhibit C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-2
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-1, D-2
Structure Contour Map - Subsea Depth	Exhibit D-3
Cross Section Location Map (including wells)	Exhibit D-2, D-4
Cross Section (including Landing Zone)	Exhibit D-2, D-4
<b>Additional Information</b>	
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):	Paula M Vance
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	4/15/2025

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. B

Submitted by: Permian Resources Operating, LLC

Hearing Date: April 10, 2024

Case No. 25229

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

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

CASE NO. 25229

APPLICATION

Permian Resources Operating, LLC (“Permian” or “Applicant”) (OGRID No. 372165), through its undersigned attorneys, files this application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of this application, Permian states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the horizontal spacing unit to the proposed **Riddler 10 Fed Com #131H** “U-Turn” (API No. 30-025-53819) well, to be drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 10, a first take point in the NW/4 NW/4 (Unit D) of Section 10 and a last take point in the NE/4 NW/4 (Unit C) of Section 10.
3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the working interest owners in the subject spacing unit.
4. The pooling of interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before an Examiner of the Oil Conservation Division on March 13, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit and approving the initial well thereon;
- B. Designating Applicant as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. 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
- E. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

HOLLAND & HART LLP

By:   
\_\_\_\_\_  
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ATTORNEYS FOR PERMIAN RESOURCES  
OPERATING, LLC

CASE \_\_\_\_\_: **Application of Permian Resources Operating, LLC for Compulsory Pooling, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. This spacing unit will be initially dedicated to the proposed **Riddler 10 Fed Com #131H** "U-Turn" (API No. 30-025-53819) well, to be drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 10, a first take point in the NW/4 NW/4 (Unit D) of Section 10 and a last take point in the NE/4 NW/4 (Unit C) of Section 10. Also to be considered will be the cost of drilling and completing the well and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said well. Said area is located approximately 25 miles southwest of Hobbs, New Mexico.

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

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

**CASE NO. 25229**

**SELF-AFFIRMED STATEMENT OF MARK HAJDIK**

1. My name is Mark Hajdik. I work for Permian Resources Operating, LLC (“Permian”) as a Landman.
2. I have previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record.
3. I am familiar with the application filed by Permian in this case, and I am familiar with the status of the lands in the subject area.
4. None of the uncommitted parties in this case has indicated opposition to proceeding by self-affirmed statement and, therefore, I do not expect any opposition at the hearing.
5. In **Case No. 25229**, Permian seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico, and initially dedicate the unit to the proposed **Riddler 10 Fed Com #131H** “U-Turn” (API No. 30-025-53819) well, to be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 10, a first take point in the NW/4 NW/4 (Unit D) of Section 10 and a last take point in the NE/4 NW/4 (Unit C) of Section 10.



6. **Permian Exhibit C-1** contains a draft Form C-102 for the well in this standard spacing unit. This form demonstrates that the completed interval for the **Riddler 10 Fed Com #131H** "U-Turn" well will comply with statewide setbacks for oil wells. The exhibit shows that the well will be assigned to the Quail Ridge: Bone Spring, South [50461].

7. **Permian Exhibit C-2** identifies the tracts of land comprising the horizontal spacing unit, the ownership interests in each tract, and ownership interests on a spacing unit basis. The subject acreage is comprised of federal lands. The parties highlighted in yellow are the parties to be pooled.

8. **Permian Exhibit C-3** contains a sample of the well proposal letter and AFEs sent to owners with a working interest. The costs reflected in the AFEs are consistent with what Permian and other operators have incurred for drilling similar horizontal wells in the area in this formation.

9. Permian requests that the overhead and administrative costs for drilling and producing the proposed wells be set at \$10,000 per month while drilling and \$1,000 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.

10. **Permian Exhibit C-4** contains a general summary of the contacts with the uncommitted interest owners. As indicated in the exhibit, Permian has made a good faith effort to locate and has had communications with all of the parties that it seeks to pool in this case in an effort to reach voluntary joinder. In my opinion, Permian has undertaken good faith efforts to reach an agreement with the uncommitted interest owners.

11. Permian has provided the law firm of Holland & Hart LLP with the names and addresses of the parties that Permian seeks to pool and instructed that they be notified of this

Page 14 of 52

hearing. Permian has conducted a diligent search of all public records in the county where the property is located, reviewed telephone directories, and conducted computer searches to locate contact information for each interest owner.

12. **Permian Exhibits C-1 through C-4** were either prepared by me or compiled under my direction and supervision.

13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.



Mark Hajdik

3/5/2025

Date

<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Type: <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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## WELL LOCATION INFORMATION

API Number	Pool Code 50461	Pool Name Quail Ridge: Bone Spring South
Property Code	Property Name RIDDLER 10 FED COM	Well Number 131H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,633.1'
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 D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 230 NORTH	Ft. from E/W 586 WEST	Latitude (NAD 83) 32.594241°	Longitude (NAD 83) -103.554714°	County LEA
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## Bottom Hole Location

UL C	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 10 NORTH	Ft. from E/W 1650 WEST	Latitude (NAD 83) 32.594859°	Longitude (NAD 83) -103.551256°	County LEA
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Dedicated Acres	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 D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 230 NORTH	Ft. from E/W 586 WEST	Latitude (NAD 83) 32.594241°	Longitude (NAD 83) -103.554714°	County LEA
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## First Take Point (FTP)

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 100 NORTH	Ft. from E/W 330 WEST	Latitude (NAD 83) 32.594596°	Longitude (NAD 83) -103.555543°	County LEA
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## Last Take Point (LTP)

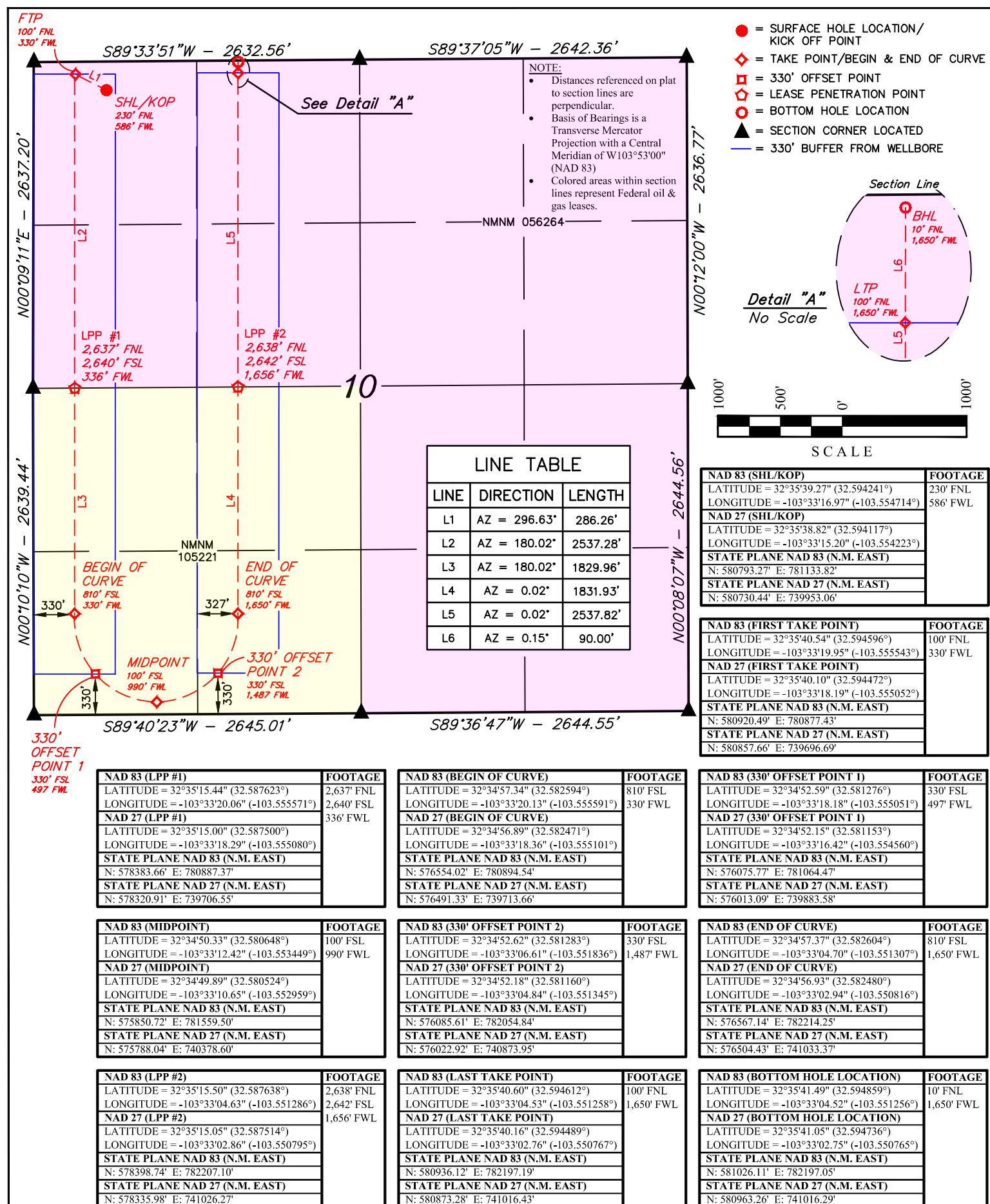
UL C	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 100 NORTH	Ft. from E/W 1650 WEST	Latitude (NAD 83) 32.594612°	Longitude (NAD 83) -103.551258°	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<b>OPERATOR CERTIFICATIONS</b>  <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>  <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>	<b>SURVEYOR CERTIFICATIONS</b>  <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>  
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	23782 March 02, 2023
Email Address _____	Certificate Number _____ Date of Survey _____

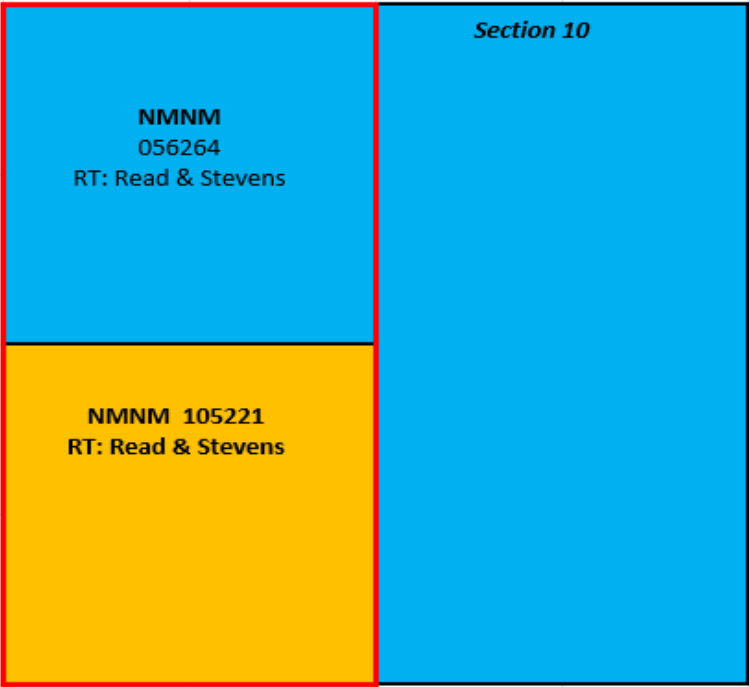
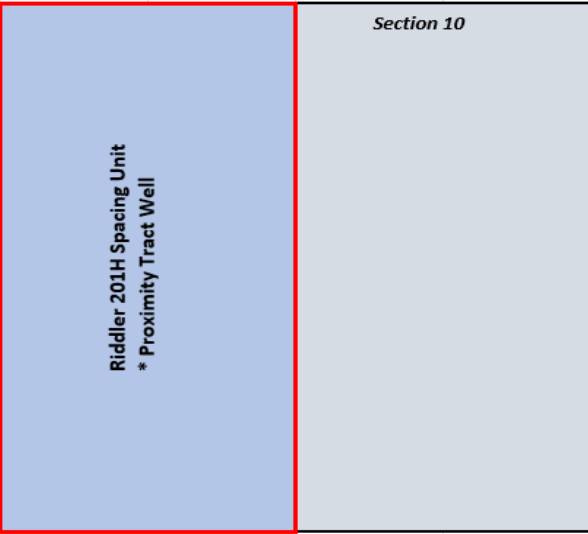
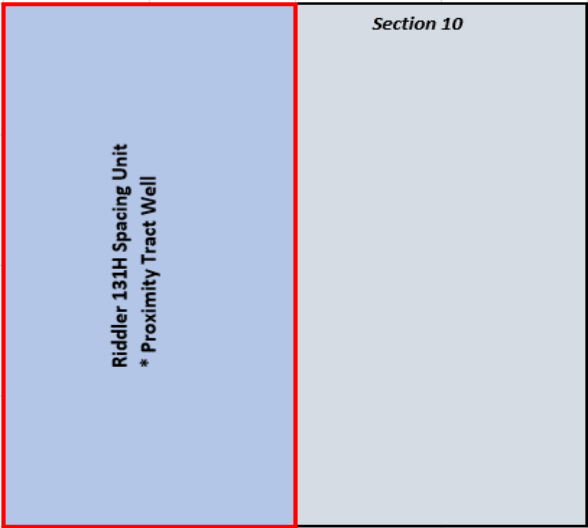
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name RIDDLER 10 FED COM	Well Number 131H	Drawn By L.M.W. 03-02-23	Revised By REV. 3 T.I.R. 12-18-24 (WELLBORE CHANGES)
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**Land Exhibit: Ridder Federal Com 131H & 201H U Turn Proximity Tract Wells**  
Section 10: W2, T20S-R34E, Lea Co., NM Bone Spring & Wolfcamp

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
*Revised* Exhibit No. C-2  
Submitted by: Permian Resources Operating, LLC  
Hearing Date: April 10, 2024  
Case No. 25229





Pooled List:		
Owner	Pooling?	Notes
Permian Resources Operating, LLC	N/A	Operator
Read & Stevens, Inc.	N/A	Subsidiary of Operator
Stevens Oil and Gas, LLC	Y	To sign sign JOA
Ross Duncan Properties	Y	To sign sign JOA
MRC Permian Co.	Y	
Advance Energy Partners Hat Mesa LLC	Y	
CBR Oil Properties, LLC	Y	
First Century Oil	N/A	Subsidiary of Operator
Sandstone Properties	Y	
Bernhardt Oil Corp	Y	
Cross-N-Oil Co	Y	
FISCO, Inc.	Y	To sign sign JOA
Westway Petro Four	Y	
Seegers Drilling Company	Y	
NL Stevens III	N	To sign sign JOA
BTA Oil Producers	N	To sign sign JOA
SITL Energy	Y	To sign sign JOA
R.E.B. Resources (Conveyed to Avant)	N	To sign sign JOA
PBEX, LLC	Y	
Jane S. Grimshaw	Y	
Judy S. Ferreri	Y	
Paul L. Sisk and Helen I. Sisk Charitable Trust	Y	
Alpha Energy Partners II, LLC	Y	
SNS Oil and Gas	Y	
Thomas & Carolyn Beall	Y	
Diamond Star Production Co. LLC	Y	
Lincoln Oil and Gas	Y	
Sharron Stone Trollinger Trust	Y	
Tierra Encantada, LLC	Y	
Sealy Hutch Cavin	Y	
Turner Royalties	Y	
Loveless Land Holdings LLC (West Pecos Trading Company, LLC)	N	Subject to JOA
Highland (Texas) Energy Co	Y	
Hillier LLC	Y	
Wood Family Non-Exempt Trust	Y	
Carolyn J Chester Trust dated 8/11/1995	Y	
HM Investments Ltd	Y	
Marjorie C Echols	Y	
Laura K Read, LLC	Y	
Pat Pruitt	Y	
Jamie Dennis	Y	
David K Henderson	Y	
Scott Miller	Y	
Andrea Miller Bunnett	Y	
Lucinda Loveless (West Pecos Trading Company, LLC)	N	Subject to JOA
Lucinda Loveless Revocable Trust (West Pecos Trading Company, LLC)	N	Subject to JOA
Weimer, Inc.	Y	
William C Miller	Y	
Richardson Oil Company	Y	
David M. Stevens	N	To sign sign JOA

Parties highlighted in yellow are being pooled.

Leasehold Ownership - Bone Spring		
Owner	Section 10: NW	Section 10: SW
Ross Duncan Properties	6.25%	0%
Advance Energy Partners Hat Mesa, LLC	5.00%	0%
Andrea Miller Bunnett, no marital status	0.08%	0%
SITL Energy	0.32%	0%
REB Energy (sold to Avant)	0.32%	
Bernhardt Oil Corporation	3.00%	0%
Carolyn J. Chester, a/k/a Carolyn Jane Wortz Chester, as Trustee of the Carolyn J. Chester Trust dated August 11, 1995	0.50%	0%
CBR Oil Properties, LLC	4.00%	0%
Cross-N-Oil Company	2.50%	0%
David M. Stevens	1.67%	0%
DHB Partnership	1.00%	0%
Diamond Star Production Company, LLC	1.01%	0%
Estate of Lewis E. MacNaughton, Deceased	1.00%	0%
FISCO, Inc.	2.00%	0%
Highland (Texas) Energy Company	1.19%	0%
Hillier, LLC	0.80%	0%
HM Investments, Ltd.	0.50%	0%
James Ralph Wood, III, Trustee of the Wood Family Non-Exempt Trust FBO James Ralph Wood, III, an irrevocable trust governed by the terms of the James Ralph Wood, Jr. Revocable Trust created under Trust Agreement dated March 1, 2005	0.50%	0%
James W. Keay, Jr., a single man	0.33%	0%
Jamie Dennis, no marital status	0.13%	0%
Jane Scisson Grimshaw, no marital status	0.13%	0%
Laura K. Read, a married woman, dealing in her sole and separate property	0.13%	0%
Marjorie C. Echols, no marital status	0.25%	0%
Martha Keay Strauss	0.33%	0%
MRC Permian Company	6.00%	0%
N.L. Stevens, III	1.00%	0%
Pat Pruitt	0.13%	0%
Paul L. and Helen I. Sisk Charitable Trust	1.00%	0%
PBEX, LLC	0.25%	0%
Read & Stevens, Inc.	44.75%	100%
Richardson Oil Company, LLC	0.29%	0%
S.N.S. Oil & Gas Properties, Inc.	1.11%	0%
Sandstone Properties, LLC	2.50%	0%
Scott Miller, no marital status	0.08%	0%
Sealy Hutchings Cavin, Inc.	0.50%	0%
Seegers Drilling Company	2.00%	0%
Stevens Oil & Gas, LLC	3.33%	0%
Stuart E. Keay, a single man	0.33%	0%
Thomas M. Beall, no marital status	1.05%	0%
Tierra Encantada, LLC	1.00%	0%
Turner Royalties, LLC	0.50%	0%
Alpha Energy Partners II	1.00%	0%
William C. Miller	0.25%	0%
	100%	100%

Unit Capitulation - Bone Spring 131H	
Owner	WI
Read & Stevens, Inc.	72.40%
Ross Duncan Properties	3.13%
Advance Energy Partners Hat Mesa, LLC	2.50%
Andrea Miller Bunnett, no marital status	0.04%
SITL Energy	0.15%
REB Energy (Sold to Avant)	0.15%
Bernhardt Oil Corporation	1.50%
Trustee of the Carolyn J. Chester Trust dated August 11, 1995	0.25%
CBR Oil Properties, LLC	2.00%
Cross-N-Oil Company	1.25%
DHB Partnership	0.50%
Diamond Star Production Company, LLC	0.51%
Estate of Lewis E. MacNaughton	0.50%
Fisco, Inc.	0.47%
Highland (Texas) Energy Company	0.60%
Hillier, LLC	0.40%
HM Investments, Ltd.	0.25%
James Ralph Wood, III, Trustee of the Wood Family Non-Exempt Trust FBO James Ralph Wood, III	0.25%
James W. Keay, Jr., a single man	0.17%
Jamie Dennis, no marital status	0.06%
Jane Scisson Grimshaw, no marital status	0.06%
Laura K. Read	0.06%
Marjorie C. Echols, no marital status	0.13%
Martha Keay Strauss	0.17%
MRC Permian Company	3.00%
N.L. Stevens, III, no marital status	0.23%
Pat Pruitt, no marital status	0.06%
Paul L. and Helen I. Sisk Charitable Trust	0.50%
PBEX, LLC	0.13%
Richardson Oil Company, LLC	0.15%
S.N.S. Oil & Gas Properties, Inc.	0.56%
Sandstone Properties, LLC	1.25%
Scott Miller, no marital status	0.04%
Sealy Hutchings Cavin, Inc.	0.25%
Seegers Drilling Company	1.00%
Stevens Oil & Gas, LLC	0.79%
Stuart E. Keay, a single man	0.17%
Thomas M. Beall, no marital status	0.52%
Tierra Encantada, LLC	0.50%
Turner Royalties, LLC	0.25%
Alpha Energy Partners	0.50%
William C. Miller	0.13%
David M. Stevens*	0.00%
BTA Oil Producers*	2.50%
100.00%	

\*Per the terms of a deal with BTA Oil Producers David M. Stevens interest is 0% in the wellbore before payout as defined in the terms of their farmout agreement





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

OFFICE 432.695.4222  
FAX 432.695.4063

January 7, 2025

*Via Certified Mail*

WIO Address Here

Re: **Proposal to Drill**  
Riddler 10 Fed Com #131H – Third Bone Spring  
Riddler 10 Fed Com #201H - Wolfcamp  
Sections 10, Township 20 South, Range 34 East  
Lea County, New Mexico

**BEFORE THE OIL CONSERVATION DIVISION**  
Santa Fe, New Mexico  
**Exhibit No. C-3**  
Submitted by: **Permian Resources Operating, LLC**  
Hearing Date: April 10, 2024  
Case No. 25229

Dear Owner:

Permian Resources Operating, LLC, as operator (“Permian”) hereby proposes the drilling and completion of the below Riddler 10 Fed Com wells at an approximate location within the W/2 of Section 10, Township 20 South, Range 34 East, Lea County, New Mexico.

1. **Riddler 10 Fed Com #131H (30-025-53819)**  
SHL: 230’ FNL & 586’ FWL  
BHL: 10’ FNL & 1650’ FWL  
FTP: 100’ FNL & 330’ FWL  
LTP: 100’ FNL & 1650’ FWL  
TVD: Approx. 10,910’  
TMD: Approx. 21,738’  
Proration Unit: W2 of Sections 10, T20S-R34E  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See attached AFE  
Proximity Tract Well  
\*This is a U-Turn well. Please see attached C-102
2. **Riddler 10 Fed Com #201H (30-025-53821)**  
SHL: 230’ FNL & 619’ FWL  
BHL: 10’ FNL & 2302’ FWL  
FTP: 100’ FNL & 990’ FWL  
LTP: 100’ FNL & 2303’ FWL  
TVD: Approx. 10,980’  
TMD: Approx. 21,860’  
Proration Unit: W2 of Sections 10, T20S-R34E  
Targeted Interval: Wolfcamp  
Total Cost: See attached AFE  
Proximity Tract Well  
\*This is a U-Turn well. Please see attached C-102

The locations, TVDs, and targets are approximate and subject to change dependent on surface or subsurface issues encountered. Permian is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement available upon request. The Operating Agreement has 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 432.257.3886, by phone or by email at [mark.hajdik@permianres.com](mailto:mark.hajdik@permianres.com); or contact Kimberly Smith by email at [kimberly.smith@permianres.com](mailto:kimberly.smith@permianres.com).

Sincerely,

**PERMIAN RESOURCES OPERATING, LLC**



Mark Hajdik | Senior Staff Landman

Non-Operator hereby elects to:

<u>Well Name</u>	<u><b>PARTICIPATE</b> in the Drilling and Completion:</u>	<u><b>NON-CONSENT</b> to the Drilling and Completion:</u>
Riddler 10 Fed Com #131H (3 <sup>rd</sup> BSPG)		
Riddler 10 Fed Com #201H (Wolfcamp)		

Agreed this \_\_\_\_\_ day of \_\_\_\_\_, 2025 by:

***Company Name Here***

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

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

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

**Participate / Rejection Declaration**

Please return this page to Permian Resources 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 Resources, then, to the extent that Permian Resources has an obligation to secure any such insurance on your behalf under any applicable agreements or otherwise, Permian Resources will be relieved of such obligation, and Permian Resources 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 \_\_\_\_\_, 2025 by:

***Company Name Here***

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

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

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

# Cost Estimate

Printed Date: Nov 4, 2024

<b>AFE Number:</b>	<b>100625-MH</b>	<b>Description:</b>	<b>SHL: 230' FNL &amp; 586' FWL, Sec 10, T20S, R34E</b>
<b>AFE Name:</b>	<b>RIDDLER 10 FED COM #131H</b>		<b>BHL: 10' FNL &amp; 1650' FWL, Sec 10, T20S, R34E</b>
<b>Well Operator:</b>	<b>PERMIAN RESOURCES</b>	<b>AFE TYPE:</b>	<b>Drill and Complete / 3rd Bone Spring</b>
<b>Operator AFE #:</b>			

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
<b>Artificial Lift Tangible</b>		
8065.2000	TAL - WELLHEAD EQUIPMENT	\$50,000.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT	\$15,000.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL	\$75,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS	\$15,000.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL	\$100,000.00
8065.3100	TAL - MEASUREMENT EQUIPMENT	\$5,000.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL	\$50,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA	\$5,000.00
8065.1100	TAL - TUBING	\$125,000.00
	<b>Sub-total</b>	<b>\$440,000.00</b>
<b>Drilling Intangible</b>		
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$240,735.94
8015.4100	IDC - RENTAL EQUIPMENT	\$82,500.00
8015.2150	IDC - DRILL BIT	\$105,000.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$229,915.44
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.00
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.00
8015.3100	IDC - CASING CREW & TOOLS	\$70,000.00
8015.3700	IDC - DISPOSAL	\$173,304.00
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,300.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$58,326.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.00
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$47,812.50
8015.2400	IDC - RIG WATER	\$18,750.00
8015.4300	IDC - WELLSITE SUPERVISION	\$87,000.00
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.00
8015.2350	IDC - FUEL/MUD	\$98,093.75
8015.1700	IDC - DAYWORK CONTRACT	\$578,531.25
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.00
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.00
8015.5000	IDC - WELL CONTROL INSURANCE	\$8,250.00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.00
8015.5200	IDC - CONTINGENCY	\$125,913.84
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.00
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$269,000.00
8015.1500	IDC - RIG MOB / TRUCKING	\$127,500.00
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL	\$19,500.00
8015.2300	IDC - FUEL / POWER	\$159,972.66

**Cost Estimate**

Printed Date: Nov 4, 2024

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
8015.4200	IDC - MANCAMP	\$39,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$22,500.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$58,968.75
	<b>Sub-total</b>	<b>\$2,923,999.13</b>
<b>Completion Intangible</b>		
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$20,843.00
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1600	ICC - COILED TUBING	\$203,187.00
8025.1500	ICC - FUEL / POWER	\$601,652.00
8025.2000	ICC - TRUCKING	\$14,375.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.00
8025.3050	ICC - SOURCE WATER	\$398,427.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$357,138.00
8025.3500	ICC - WELLSITE SUPERVISION	\$50,625.00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$2,080,588.00
8025.3400	ICC - RENTAL EQUIPMENT	\$204,944.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.3000	ICC - WATER HANDLING	\$314,548.00
8025.3800	ICC - OVERHEAD	\$10,000.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.00
	<b>Sub-total</b>	<b>\$4,391,827.00</b>
<b>Facilities</b>		
8035.2100	FAC - INSPECTION & TESTING	\$833.00
8035.2400	FAC - SUPERVISION	\$6,667.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$333.00
8035.4500	FAC - CONTINGENCY	\$6,630.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$5,000.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$20,833.00
8035.3600	FAC - ELECTRICAL	\$8,333.00
8035.2000	FAC - WASTE DISPOSAL	\$333.00
8035.4400	FAC - COMPANY LABOR	\$833.00
8035.1700	FAC - RENTAL EQUIPMENT	\$6,667.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$33,333.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$3,333.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$104,167.00
8035.1300	FAC - SURFACE DAMAGE	\$833.00
8035.2500	FAC - CONSULTING SERVICES	\$833.00
8035.3700	FAC - AUTOMATION MATERIAL	\$8,333.00
8035.3400	FAC - METERS	\$20,333.00
	<b>Sub-total</b>	<b>\$227,627.00</b>
<b>Artificial Lift Intangible</b>		
8060.2000	IAL - TRUCKING/VACUUM/TRANSP	\$7,000.00
8060.1210	IAL - SPOOLING SERVICES	\$6,000.00

## Cost Estimate

Printed Date: Nov 4, 2024

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
8060.2010	IAL - KILL TRUCK	\$5,000.00
8060.1400	IAL - WIRELINE OPEN/CASED HOLE	\$5,000.00
8060.3410	IAL - LAYDOWN MACHINE	\$5,000.00
8060.1900	IAL - INSPECTION & TESTING	\$3,000.00
8060.3400	IAL - RENTAL EQUIPMENT	\$10,000.00
8060.2300	IAL - COMPLETION FLUIDS	\$5,000.00
8060.1200	IAL - WORKOVER RIG	\$15,000.00
8060.3810	IAL - ACID	\$25,000.00
8060.3420	IAL - REVERSE UNIT RENTAL	\$5,000.00
8060.3500	IAL - WELLSITE SUPERVISION	\$9,000.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT	\$10,000.00
	<b>Sub-total</b>	<b>\$110,000.00</b>
<b>Flowback Intangible</b>		
8040.4000	IFC - CHEMICALS	\$15,000.00
8040.3420	IFC - TANK RENTALS	\$20,000.00
8040.3430	IFC - SURFACE PUMP RENTAL	\$20,000.00
8040.1899	IFC - FRAC WATER RECOVERY	\$420,750.00
8040.2000	IFC - TRUCKING/VACUUM/TRANSP	\$20,000.00
8040.2900	IFC - WELL TESTING / FLOWBACK	\$125,000.00
8040.3500	IFC - WELLSITE SUPERVISION	\$10,000.00
	<b>Sub-total</b>	<b>\$630,750.00</b>
<b>Pipeline</b>		
8036.1310	PLN - PERMANENT EASEMENT	\$118,400.00
8036.2800	PLN - FLOWLINE MATERIAL	\$390,720.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$15,000.00
8036.2200	PLN - CONTRACT LABOR	\$273,504.00
	<b>Sub-total</b>	<b>\$797,624.00</b>
<b>Drilling Tangible</b>		
8020.1700	TDC - PACKER/DOWNHOLE TOOLS	\$53,125.00
8020.1400	TDC - CASING - PRODUCTION	\$591,765.46
8020.1100	TDC - CASING - SURFACE	\$96,435.69
8020.1500	TDC - WELLHEAD EQUIPMENT	\$63,750.00
8020.1200	TDC - CASING - INTERMEDIATE - 1	\$227,855.25
	<b>Sub-total</b>	<b>\$1,032,931.40</b>
<b>Completion Tangible</b>		
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.00
	<b>Sub-total</b>	<b>\$47,250.00</b>
	<b>Grand Total</b>	<b>\$10,602,008.53</b>

Accepted and Approved By:  
 Company Name (If Applicable): \_\_\_\_\_

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

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

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

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

# Cost Estimate

Printed Date: Nov 4, 2024

<b>AFE Number:</b>	<b>100626-MH</b>	<b>Description:</b>	<b>SHL: 230' FNL &amp; 619' FWL, Sec 10, T20S, R34E</b>
<b>AFE Name:</b>	<b>RIDDLER 10 FED COM #201H</b>		<b>BHL: 10' FNL &amp; 2302' FWL, Sec 10, T20S, R34E</b>
<b>Well Operator:</b>	<b>PERMIAN RESOURCES</b>		
<b>Operator AFE #:</b>		<b>AFE TYPE:</b>	<b>Drill and Complete / Wolfcamp</b>

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
<b>Completion Intangible</b>		
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$363,974.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,986,932.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$531,261.00
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$18,113.00
8025.3400	ICC - RENTAL EQUIPMENT	\$181,260.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.00
8025.1600	ICC - COILED TUBING	\$184,906.00
8025.2000	ICC - TRUCKING	\$14,375.00
8025.3050	ICC - SOURCE WATER	\$482,307.00
8025.3800	ICC - OVERHEAD	\$10,000.00
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.00
8025.3500	ICC - WELLSITE SUPERVISION	\$56,700.00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.00
8025.3000	ICC - WATER HANDLING	\$157,274.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.00
	<b>Sub-total</b>	<b>\$4,122,602.00</b>
<b>Artificial Lift Tangible</b>		
8065.1310	TAL - ESP EQUIPMENT/INSTALL	\$100,000.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT	\$15,000.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL	\$50,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT	\$50,000.00
8065.3100	TAL - MEASUREMENT EQUIPMENT	\$5,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS	\$15,000.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL	\$75,000.00
8065.1100	TAL - TUBING	\$125,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA	\$5,000.00
	<b>Sub-total</b>	<b>\$440,000.00</b>
<b>Pipeline</b>		
8036.2800	PLN - FLOWLINE MATERIAL	\$390,720.00
8036.1310	PLN - PERMANENT EASEMENT	\$118,400.00
8036.2200	PLN - CONTRACT LABOR	\$273,504.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$15,000.00
	<b>Sub-total</b>	<b>\$797,624.00</b>
<b>Facilities</b>		
8035.1400	FAC - ROAD LOCATIONS PITS	\$3,333.00
8035.1700	FAC - RENTAL EQUIPMENT	\$6,667.00
8035.2000	FAC - WASTE DISPOSAL	\$333.00



## Cost Estimate

Printed Date: Nov 4, 2024

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
8035.1300	FAC - SURFACE DAMAGE	\$833.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$20,833.00
8035.3600	FAC - ELECTRICAL	\$8,333.00
8035.2400	FAC - SUPERVISION	\$6,667.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$104,167.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$5,000.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$333.00
8035.2500	FAC - CONSULTING SERVICES	\$833.00
8035.4400	FAC - COMPANY LABOR	\$833.00
8035.4500	FAC - CONTINGENCY	\$6,630.00
8035.2100	FAC - INSPECTION & TESTING	\$833.00
8035.3700	FAC - AUTOMATION MATERIAL	\$8,333.00
8035.3400	FAC - METERS	\$20,333.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$33,333.00
<b>Sub-total</b>		<b>\$227,627.00</b>
<b>Drilling Intangible</b>		
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT	\$90,750.00
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,300.00
8015.4300	IDC - WELLSITE SUPERVISION	\$95,700.00
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$58,356.00
8015.1500	IDC - RIG MOB / TRUCKING	\$127,500.00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL	\$21,450.00
8015.5200	IDC - CONTINGENCY	\$131,846.30
8015.2400	IDC - RIG WATER	\$20,625.00
8015.5000	IDC - WELL CONTROL INSURANCE	\$9,075.00
8015.3700	IDC - DISPOSAL	\$173,424.00
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$47,812.50
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.00
8015.4200	IDC - MANCAMP	\$42,900.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$264,809.53
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$269,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.00
8015.2350	IDC - FUEL/MUD	\$98,093.75
8015.1700	IDC - DAYWORK CONTRACT	\$636,384.38
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$24,750.00
8015.3100	IDC - CASING CREW & TOOLS	\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.00
8015.2300	IDC - FUEL / POWER	\$175,969.92
8015.2150	IDC - DRILL BIT	\$105,000.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$64,865.63
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$230,027.00

## Cost Estimate

Printed Date: Nov 4, 2024

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.00
	<b>Sub-total</b>	<b>\$3,061,764.01</b>
<b>Artificial Lift Intangible</b>		
8060.2300	IAL - COMPLETION FLUIDS	\$5,000.00
8060.1210	IAL - SPOOLING SERVICES	\$6,000.00
8060.1900	IAL - INSPECTION & TESTING	\$3,000.00
8060.3420	IAL - REVERSE UNIT RENTAL	\$5,000.00
8060.3810	IAL - ACID	\$25,000.00
8060.3410	IAL - LAYDOWN MACHINE	\$5,000.00
8060.3500	IAL - WELLSITE SUPERVISION	\$9,000.00
8060.2010	IAL - KILL TRUCK	\$5,000.00
8060.3400	IAL - RENTAL EQUIPMENT	\$10,000.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT	\$10,000.00
8060.1200	IAL - WORKOVER RIG	\$15,000.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP	\$7,000.00
8060.1400	IAL - WIRELINE OPEN/CASED HOLE	\$5,000.00
	<b>Sub-total</b>	<b>\$110,000.00</b>
<b>Drilling Tangible</b>		
8020.1500	TDC - WELLHEAD EQUIPMENT	\$63,750.00
8020.1200	TDC - CASING - INTERMEDIATE - 1	\$227,855.25
8020.1400	TDC - CASING - PRODUCTION	\$592,175.22
8020.1700	TDC - PACKER/DOWNHOLE TOOLS	\$53,125.00
8020.1100	TDC - CASING - SURFACE	\$96,435.69
	<b>Sub-total</b>	<b>\$1,033,341.16</b>
<b>Completion Tangible</b>		
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.00
	<b>Sub-total</b>	<b>\$47,250.00</b>
<b>Flowback Intangible</b>		
8040.1899	IFC - FRAC WATER RECOVERY	\$391,000.00
8040.2000	IFC - TRUCKING/VACUUM/TRANSP	\$20,000.00
8040.3420	IFC - TANK RENTALS	\$20,000.00
8040.2900	IFC - WELL TESTING / FLOWBACK	\$125,000.00
8040.3500	IFC - WELLSITE SUPERVISION	\$10,000.00
8040.3430	IFC - SURFACE PUMP RENTAL	\$20,000.00
8040.4000	IFC - CHEMICALS	\$15,000.00
	<b>Sub-total</b>	<b>\$601,000.00</b>
<b>Grand Total</b>		<b>\$10,441,208.17</b>

Accepted and Approved By:  
 Company Name (If Applicable): \_\_\_\_\_

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

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

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

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

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

**WELL LOCATION INFORMATION**

API Number <b>30-025-53819</b>	Pool Code <b>50461</b>	Pool Name <b>Quail Ridge; Bone Spring</b>
Property Code	Property Name <b>RIDDLER 10 FED COM</b>	Well Number <b>131H</b>
OGRID No. <b>372165</b>	Operator Name <b>PERMIAN RESOURCES OPERATING, LLC</b>	Ground Level Elevation <b>3,633.1'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		

**Surface Location**

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 230 NORTH	Ft. from E/W 586 WEST	Latitude (NAD 83) 32.594241°	Longitude (NAD 83) -103.554714°	County LEA
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**Bottom Hole Location**

UL C	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 10 NORTH	Ft. from E/W 1650 WEST	Latitude (NAD 83) 32.594859°	Longitude (NAD 83) -103.551256°	County LEA
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Dedicated Acres <b>320</b>	Infill or Defining Well <b>Defining</b>	Defining Well API	Overlapping Spacing Unit (Y/N) <b>Y</b>	Consolidation Code
Order Numbers.		Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

**Kick Off Point (KOP)**

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 230 NORTH	Ft. from E/W 586 WEST	Latitude (NAD 83) 32.594241°	Longitude (NAD 83) -103.554714°	County LEA
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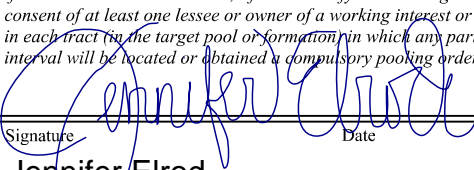

**First Take Point (FTP)**

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 100 NORTH	Ft. from E/W 330 WEST	Latitude (NAD 83) 32.594596°	Longitude (NAD 83) -103.555543°	County LEA
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**Last Take Point (LTP)**

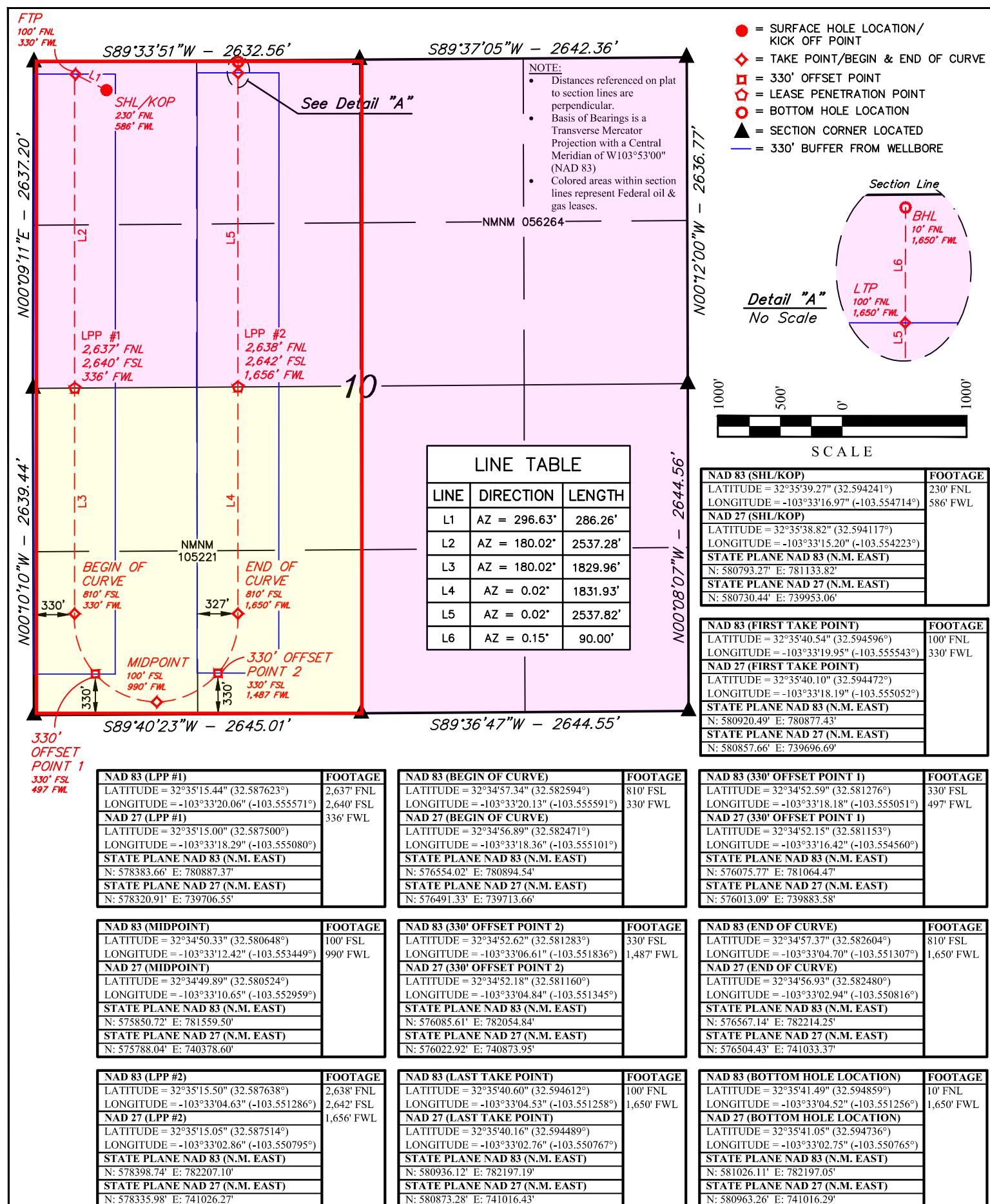
UL C	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 100 NORTH	Ft. from E/W 1650 WEST	Latitude (NAD 83) 32.594612°	Longitude (NAD 83) -103.551258°	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<b>OPERATOR CERTIFICATIONS</b>  <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>  <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>   Signature _____ Date <b>12/19/2024</b> <b>Jennifer Elrod</b> Printed Name <b>jennifer.elrod@permianres.com</b> Email Address	<b>SURVEYOR CERTIFICATIONS</b>  <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>   Signature and Seal of Professional Surveyor <b>23782</b> March 02, 2023 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.

Property Name RIDDLER 10 FED COM	Well Number 131H	Drawn By L.M.W. 03-02-23	Revised By REV. 3 T.I.R. 12-18-24 (WELLBORE CHANGES)
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<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input checked="" type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

## WELL LOCATION INFORMATION

API Number <b>30-025-53821</b>	Pool Code <b>98276</b>	Pool Name <b>WC-025 G-09 S203402O; Wolfcamp</b>
Property Code	Property Name <b>RIDDLER 10 FED COM</b>	Well Number <b>201H</b>
OGRID No. <b>372165</b>	Operator Name <b>PERMIAN RESOURCES OPERATING, LLC</b>	Ground Level Elevation <b>3,631.2'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

## Surface Location

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 230 NORTH	Ft. from E/W 619 WEST	Latitude (NAD 83) 32.594241°	Longitude (NAD 83) -103.554606°	County LEA
---------	---------------	-----------------	--------------	-----	---------------------------	--------------------------	---------------------------------	------------------------------------	---------------

## Bottom Hole Location

UL C	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 10 NORTH	Ft. from E/W 2302 WEST	Latitude (NAD 83) 32.594867°	Longitude (NAD 83) -103.549138°	County LEA
---------	---------------	-----------------	--------------	-----	--------------------------	---------------------------	---------------------------------	------------------------------------	---------------

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

## Kick Off Point (KOP)

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 230 NORTH	Ft. from E/W 619 WEST	Latitude (NAD 83) 32.594241°	Longitude (NAD 83) -103.554606°	County LEA
---------	---------------	-----------------	--------------	-----	---------------------------	--------------------------	---------------------------------	------------------------------------	---------------

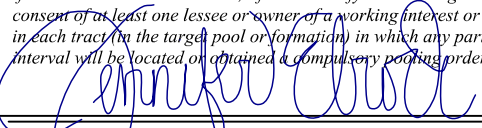

## First Take Point (FTP)

UL D	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 100 NORTH	Ft. from E/W 990 WEST	Latitude (NAD 83) 32.594604°	Longitude (NAD 83) -103.553400°	County LEA
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## Last Take Point (LTP)

UL C	Section 10	Township 20S	Range 34E	Lot	Ft. from N/S 100 NORTH	Ft. from E/W 2303 WEST	Latitude (NAD 83) 32.594620°	Longitude (NAD 83) -103.549138°	County LEA
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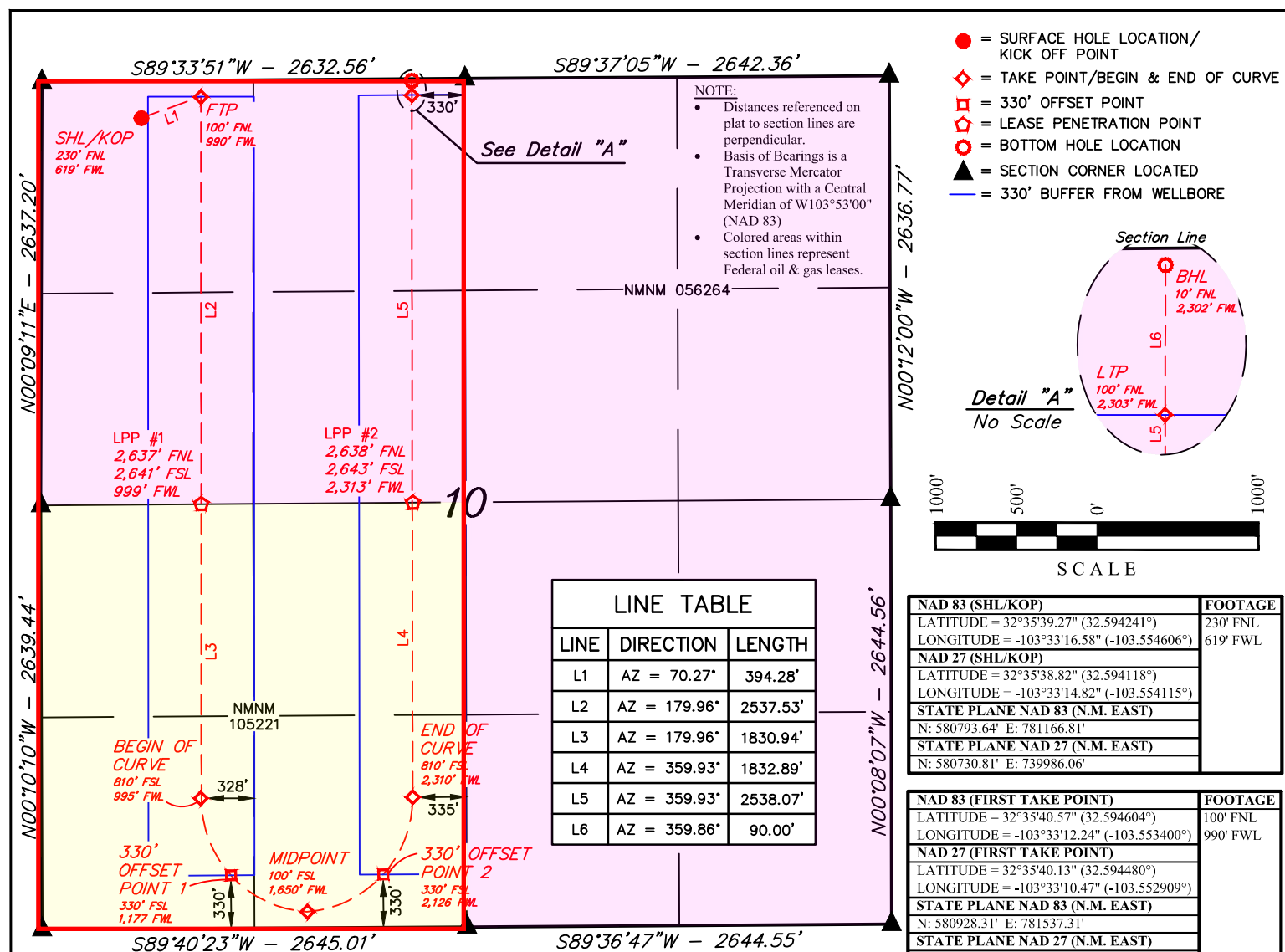
Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<b>OPERATOR CERTIFICATIONS</b>  <i>I hereby certify that the information contained 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>  <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>   Signature <b>Jennifer Elrod</b> Printed Name <b>jennifer.elrod@permainres.com</b> Email Address <b>12/19/2024</b> Date	<b>SURVEYOR CERTIFICATIONS</b>  <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>   Signature and Seal of Professional Surveyor <b>23782</b> Certificate Number <b>March 02, 2023</b> 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.



Property Name RIDDLER 10 FED COM	Well Number 201H	Drawn By L.M.W. 03-02-23	Revised By REV. 5 T.I.R. 12-18-24 (WELLBORE CHANGES)
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LINE TABLE

LINE	DIRECTION	LENGTH
L1	AZ = 70.27°	394.28'
L2	AZ = 179.96°	2537.53'
L3	AZ = 179.96°	1830.94'
L4	AZ = 359.93°	1832.89'
L5	AZ = 359.93°	2538.07'
L6	AZ = 359.86°	90.00'

NAD 83 (SHL/KOP)	FOOTAGE
LATITUDE = 32°35'39.27" (32.594241°)	230' FNL
LONGITUDE = -103°33'16.58" (-103.554606°)	619' FWL
NAD 27 (SHL/KOP)	
LATITUDE = 32°35'38.82" (32.594118°)	
LONGITUDE = -103°33'14.82" (-103.554115°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 580793.64° E: 781166.81°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 580730.81° E: 739986.06°	

NAD 83 (FIRST TAKE POINT)	FOOTAGE
LATITUDE = 32°35'40.57" (32.594604°)	100' FNL
LONGITUDE = -103°33'12.24" (-103.553400°)	990' FWL
NAD 27 (FIRST TAKE POINT)	
LATITUDE = 32°35'40.13" (32.594480°)	
LONGITUDE = -103°33'10.47" (-103.552909°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 580928.31° E: 781537.31°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 580865.47° E: 740356.56°	

NAD 83 (LPP #1)	FOOTAGE
LATITUDE = 32°35'15.47" (32.587630°)	2,637' FNL
LONGITUDE = -103°33'12.31" (-103.553420°)	2,641' FSL
999' FWL	
NAD 27 (LPP #1)	
LATITUDE = 32°35'15.03" (32.587507°)	
LONGITUDE = -103°33'10.54" (-103.552929°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 578391.23° E: 781549.96°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 578328.48° E: 740369.13°	

NAD 83 (BEGIN OF CURVE)	FOOTAGE
LATITUDE = 32°34'57.36" (32.582599°)	810' FSL
LONGITUDE = -103°33'12.36" (-103.553434°)	995' FWL
NAD 27 (BEGIN OF CURVE)	
LATITUDE = 32°34'56.91" (32.582475°)	
LONGITUDE = -103°33'10.60" (-103.552943°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 576560.63° E: 781559.08°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 576497.93° E: 740378.20°	

NAD 83 (330' OFFSET POINT 1)	FOOTAGE
LATITUDE = 32°34'52.61" (32.581281°)	330' FSL
LONGITUDE = -103°33'10.23" (-103.552841°)	1,177' FWL
NAD 27 (330' OFFSET POINT 1)	
LATITUDE = 32°34'52.17" (32.581158°)	
LONGITUDE = -103°33'08.46" (-103.552351°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 576082.53° E: 781745.04°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 576019.85° E: 740564.14°	

NAD 83 (MIDPOINT)	FOOTAGE
LATITUDE = 32°34'50.35" (32.580652°)	100' FSL
LONGITUDE = -103°33'04.70" (-103.551307°)	1,650' FWL
NAD 27 (MIDPOINT)	
LATITUDE = 32°34'49.90" (32.580529°)	
LONGITUDE = -103°33'02.94" (-103.550817°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 575857.27° E: 782219.36°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 575794.59° E: 741038.45°	

NAD 83 (330' OFFSET POINT 2)	FOOTAGE
LATITUDE = 32°34'52.64" (32.581288°)	330' FSL
LONGITUDE = -103°32'59.15" (-103.549763°)	2,126' FWL
NAD 27 (330' OFFSET POINT 2)	
LATITUDE = 32°34'52.19" (32.581164°)	
LONGITUDE = -103°32'57.38" (-103.549273°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 576091.95° E: 782693.18°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 576029.26° E: 741512.28°	

NAD 83 (END OF CURVE)	FOOTAGE
LATITUDE = 32°34'57.39" (32.582608°)	810' FSL
LONGITUDE = -103°32'56.99" (-103.549164°)	2,310' FWL
NAD 27 (END OF CURVE)	
LATITUDE = 32°34'56.95" (32.582485°)	
LONGITUDE = -103°32'55.23" (-103.548674°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 576573.69° E: 782874.11°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 576510.99° E: 741693.22°	

NAD 83 (LPP #2)	FOOTAGE
LATITUDE = 32°35'15.52" (32.587645°)	2,638' FNL
LONGITUDE = -103°32'56.95" (-103.549153°)	2,643' FSL
2,313' FWL	
NAD 27 (LPP #2)	
LATITUDE = 32°35'15.08" (32.587522°)	
LONGITUDE = -103°32'55.19" (-103.548663°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 578406.25° E: 782864.01°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 578343.48° E: 741683.17°	

NAD 83 (LAST TAKE POINT)	FOOTAGE
LATITUDE = 32°35'40.63" (32.594620°)	100' FNL
LONGITUDE = -103°32'56.90" (-103.549138°)	2,303' FWL
NAD 27 (LAST TAKE POINT)	
LATITUDE = 32°35'40.19" (32.594497°)	
LONGITUDE = -103°32'55.13" (-103.548647°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 580943.85° E: 782850.02°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 580881.00° E: 741669.25°	

NAD 83 (BOTTOM HOLE LOCATION)	FOOTAGE
LATITUDE = 32°35'41.52" (32.594867°)	10' FNL
LONGITUDE = -103°32'55.13" (-103.548647°)	2,302' FWL
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°35'41.08" (32.594744°)	
LONGITUDE = -103°32'55.13" (-103.548647°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 581033.83° E: 782849.41°	
STATE PLANE NAD 27 (N.M. EAST)	
N: 580970.98° E: 741668.65°	

### Riddler U Turn Communication Timeline

January 7, 2025 – Proposals sent for the revised U turn development plan

January 14, 2025 – Email exchange answering questions for DHB Partnership

January 15, 2025 – Multiple emails exchanged with BTA regarding the revised proposals

January 16, 2025 – Email exchange with Ross Duncan providing AFEs and confirming WI questions

January 20, 2025 – Email exchange with Hillier regarding the revised proposals

January 21, 2025 – Multiple emails exchanged with CBR Oil regarding the updated U turn proposals

January 22, 2025 – Email from SNS Oil & Gas confirming their intent to participate in the final proposals

January 23, 2025 – Email from DHB Partnership with signed AFEs electing to participate

January 23, 2025 – Email from Sisk Charitable Trust with signed AFEs electing to participate

January 24, 2025 – WPTC notifies they are in the process of acquiring some of the Loveless parties

Late January and February – Additional emails with BTA regarding revisions to their acquisition and JOA discussions

February 10, 2025 - Email with signed AFEs to participate from Alpha Energy Partners

February 10, 2025 – Email from PBEX requesting information regarding revised proposals

February 13, 2025 - Email with signed AFEs to participate from Betty Young

February 18, 2025 – Email with signed AFEs to participate from CBR Oil Properties

February 24, 2025 – Email exchange with SITL/ REB confirming their intent to participate and review JOA

March 17, 2025 – Alpha Energy Partners requests to negotiate a JOA

March 12, 2025 – Email exchange with Larry Stevens regarding the new proposals and discussion about their deal with BTA

March 13, 2025 – Email inquiry from Bernhardt oil regarding the new proposals, and expressing their intent to participate in the final proposals

March 18, 2025 – JOA provided to Alpha and they begin reviewing

March 18, 2025 – Draft of proposed JOA under review by BTA awaiting their comments to Ex A to capture the details of their acquisition

March 18, 2025 – Provided JOA to Ross Duncan the buyer of Abby Corp, JOA then passed on to buyer of Ross Duncan's interest WR Non Op

March 25, 2025 – PR notified that Laura K. Read in the process of divesting her interest, JOA requested upon close. Not notified of close to date.

March 26, 2025 – WPTC signs JOA to cover their acquisition of the of the Loveless entities

April 2, 2025 – BTA provides their comments to the JOA for PR's review

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

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

**CASE NO. 25229**

**SELF-AFFIRMED STATEMENT OF COLE HENDRICKSON**

1. My name is Cole Hendrickson. I work for Permian Resources Operating, LLC (“Permian”) as a Geologist.

2. I have previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in geology matters. My credentials as a geologist have been accepted by the Division and made a matter of record.

3. I am familiar with the application filed by Permian in this case, and I have conducted a geologic study of the lands in the subject area.

4. Permian has targeted the Third Bone Spring formation in this case.

5. **Permian Exhibit D-1** is a regional locator map that identifies the Riddler 10 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.

6. **Permian Exhibit D-2** is a cross-section location map for the proposed horizontal spacing unit within the Bone Spring formation. The approximate location of the proposed unit is outlined in blue. Existing producing wells in the targeted interval are represented by solid red lines. This map identifies the cross-section running from A-A’ with the cross-section well names and a black line in proximity to the proposed well.



7. **Permian Exhibit D-3** is a subsea structure map that I prepared for the interval within the Bone Spring formation, with a contour interval of 100 feet. The structure map shows the Bone Spring gently dipping to the south. The Bone Spring structure appears consistent across the wellbore path. I do not observe any faulting, pinchouts, or other geologic impediments in the spacing unit. This map also shows the relative location of the proposed well as a dashed red line, as well as the offset producers as solid red lines.

8. **Permian Exhibit D-4** is a stratigraphic cross-section that I prepared displaying open-hole logs run over the Bone Spring from the representative wells denoted from A to A'. For each well in the cross-section, the exhibit shows the following logs: gamma ray, resistivity, and porosity. The interval is labeled and marked. The logs in the cross-section demonstrate that the interval is continuous across the entire spacing unit.

9. In my opinion, standup/U-turn orientation of the proposed well is the appropriate orientation for horizontal well development in this area because it is optimal in relation to the fracture orientation of the area.

10. Based on my geologic study, the Bone Spring formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbore. I have not identified any geologic impediments to drilling horizontal wells in the area of the spacing unit proposed.

11. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery, and that approving Permian's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

12. **Permian Exhibits D-1 through D-4** were either prepared by me or compiled under my direction and supervision.

13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.



---

COLE HENDRICKSON

3/05/2025

Date



## Compulsory Pooling Hearing – Case No. 25229

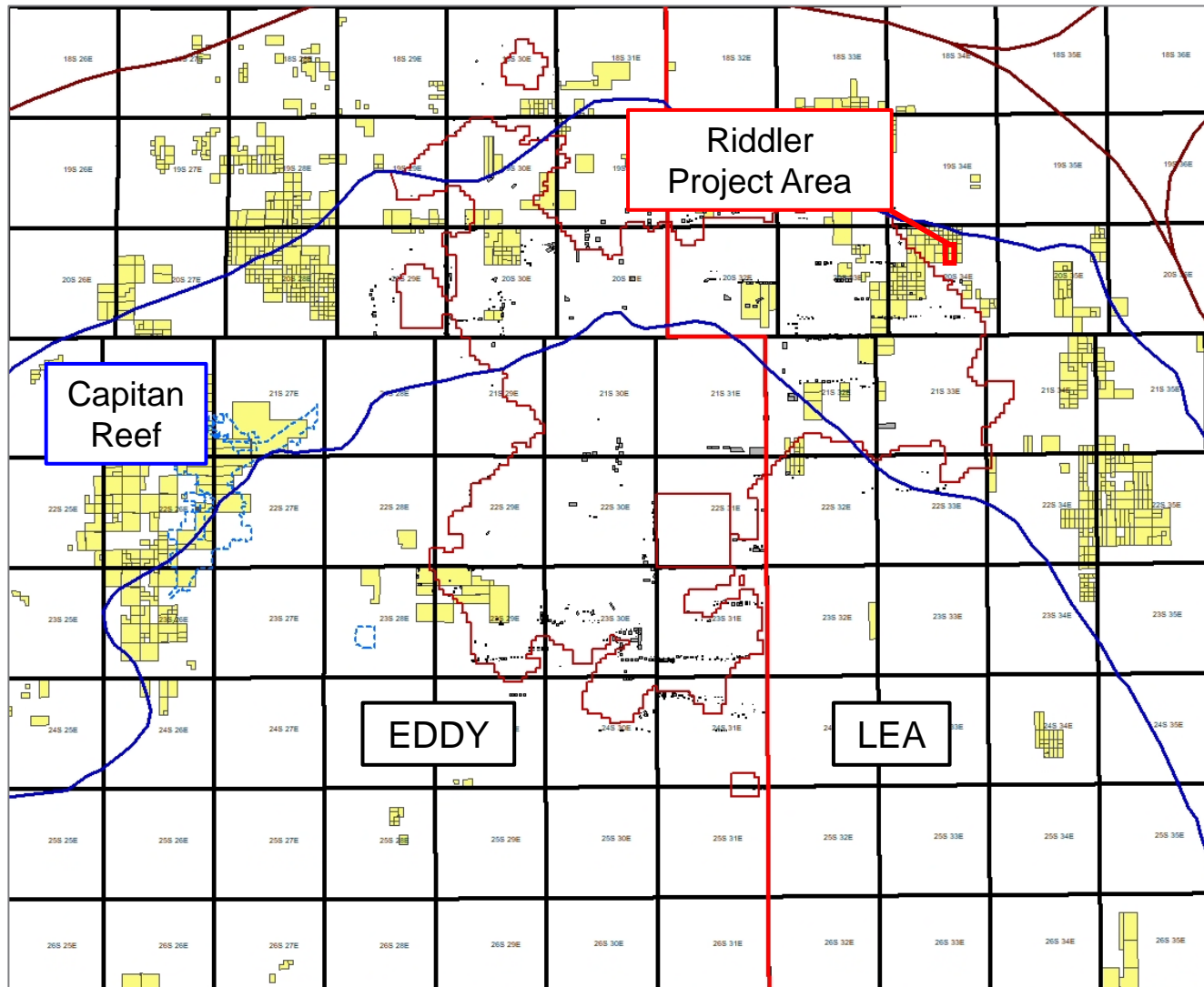
### Geology Exhibits



Permian Resources is a result of the merger of Centennial Resource Development and Colgate Energy effective September 1, 2022.



# Project Locator Map



Permian  
Resources

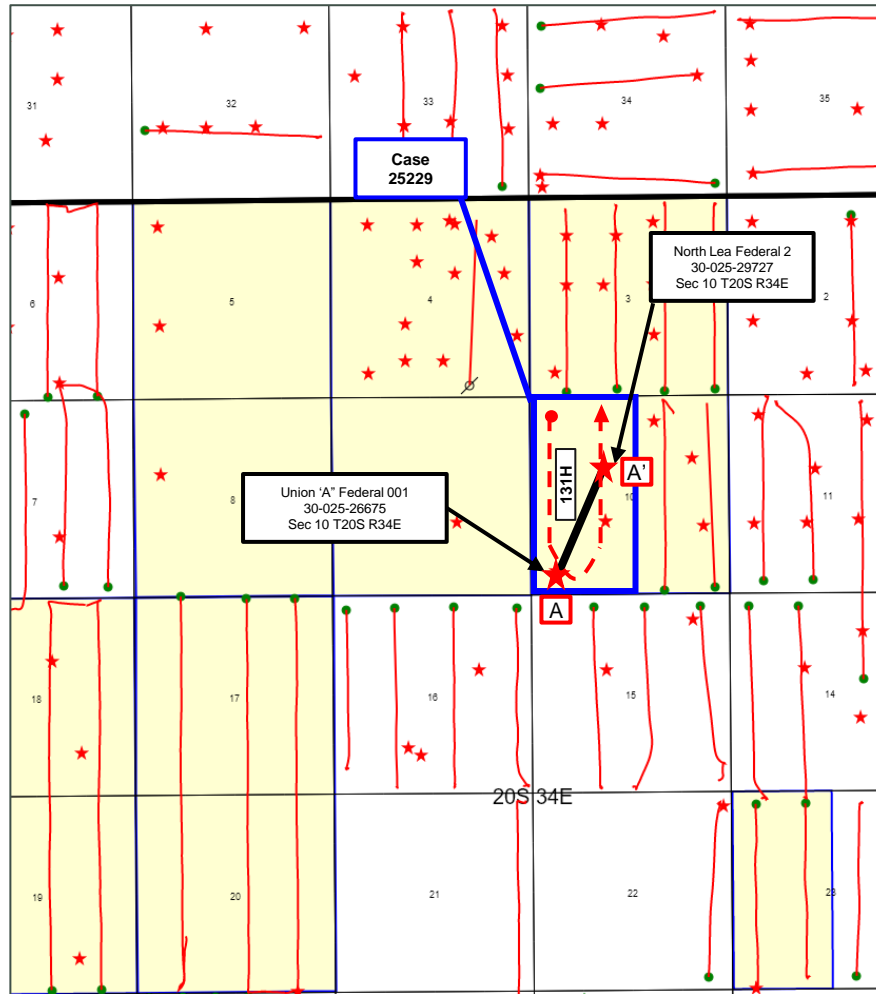


Exhibit D-2



# Cross-Section Locator Map

Riddler



Permian  
Resources



Control Point



Proposed Wells



SHL BHL  
Producing Wells



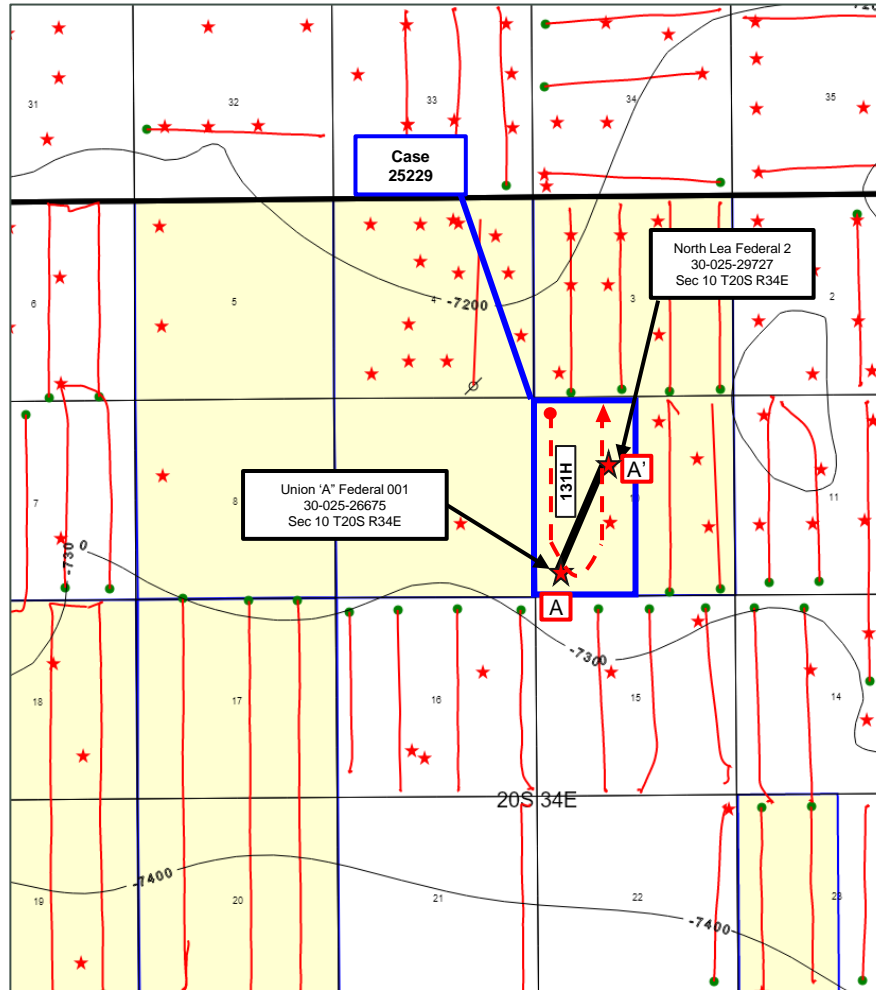


Exhibit D-3

# Structure Map – Base of Bone Spring Riddler

Structure Map  
Base Bone Spring

TVDss C.I. 100'



Control Point



Proposed Wells



Producing Wells



Permian  
Resources



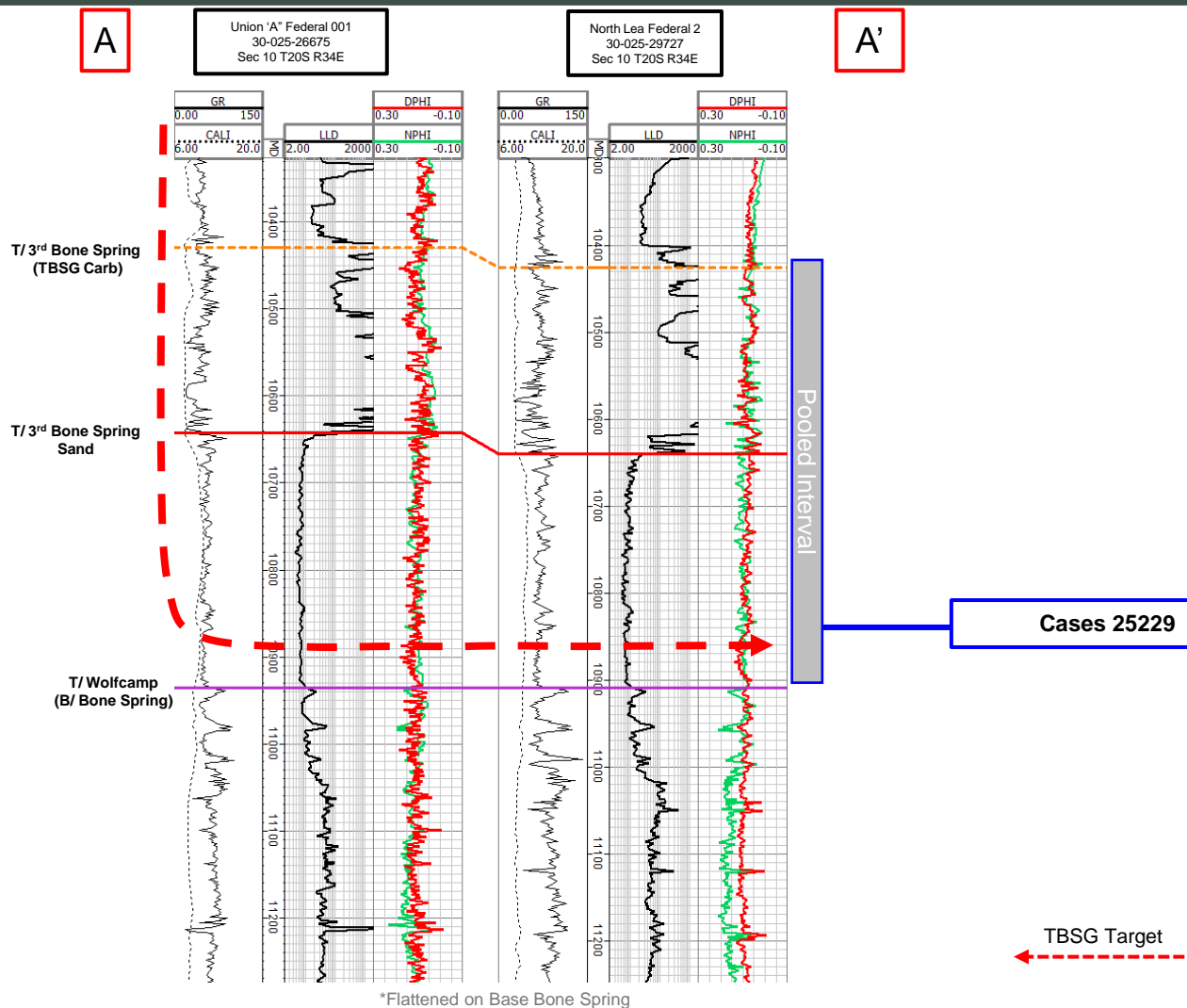




Exhibit D-4

# Stratigraphic Cross-Section A-A'

## Riddler Third Bone Spring



Santa Fe, New Mexico

Exhibit No. E

Submitted by: Permian Resources Operating, LLC

Hearing Date: April 10, 2024

Case No. 25229

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

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

**CASE NO. 25229**

**SELF-AFFIRMED STATEMENT OF  
PAULA M. VANCE**

1. I am attorney in fact and authorized representative of Permian Resources Operating, LLC ("Permian"), the Applicant herein. I have personal knowledge of the matter addressed herein and am competent to provide this self-affirmed statement.

2. The above-referenced application and notice of the hearing on this application was sent by certified mail to the locatable affected parties on the date set forth in the letter attached hereto.

3. The spreadsheet attached hereto contains the name of the parties to whom notice was provided.

4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of March 28, 2025.

5. I caused a notice to be published to all parties subject to this compulsory pooling proceeding. An affidavit of publication from the publication's legal clerk with a copy of the notice of publication is attached herein.

6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.



A handwritten signature in blue ink, appearing to read "Paula M. Vance", written over a horizontal line.

Paula M. Vance

4/3/2025

Date



**Paula M. Vance**  
**Associate**  
**Phone** (505) 988-4421  
**Email** pmvance@hollandhart.com

February 21, 2025

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

**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS**

**Re: Application of Permian Resources Operating LLC for Compulsory Pooling,  
Lea County, New Mexico: Riddler 10 Fed Com #131H "U-Turn" well**

Ladies & Gentlemen:

This letter is to advise you that Permian Resources Operating, LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on March 13, 2025, and the status of the hearing can be monitored through the Division's website at <https://www.emnrd.nm.gov/ocd/>.

**It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the 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. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Mark Hajdik at (432) 257-3886 or at [mark.hajdik@permianres.com](mailto:mark.hajdik@permianres.com).

Sincerely,

A handwritten signature in blue ink that reads "Paula M. Vance".

**Paula M. Vance**  
**ATTORNEY FOR PERMIAN RESOURCES**  
**OPERATING, LLC**

T 505.988.4421 F 505.983.6043  
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849  
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208  
[www.hollandhart.com](http://www.hollandhart.com)

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

Permian - Riddler 131H, 201H wells - Case nos. 25229 and 25232  
Postal Delivery Report

9414811898765456355241	Abby Corporation	145 Ocean Pines Ter	Jupiter	FL	33477-9670	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765456355234	Advance Energy Partners Hat Mesa, LLC	11490 Westheimer Rd Ste 950	Houston	TX	77077-6841	Your item was delivered to the front desk, reception area, or mail room at 1:30 pm on February 25, 2025 in HOUSTON, TX 77077.
9414811898765456355272	Alpha Energy Partners II, LLC	PO Box 10701	Midland	TX	79702-7701	Your item was picked up at the post office at 1:49 pm on March 17, 2025 in MIDLAND, TX 79701.
9414811898765456355852	Andrea Miller Bunnett	4329 Glenwick Ln	Dallas	TX	75205-1034	Your item was delivered to a parcel locker at 7:54 pm on February 25, 2025 in DALLAS, TX 75206.
9414811898765456355821	B&N Energy, LLC	PO Box 1277	Los Gatos	CA	95031	We were unable to deliver your package at 10:15 am on March 3, 2025 in SANTA FE, NM 87501 because the business was closed. We will redeliver on the next business day. No action needed.
9414811898765456355890	Bernhardt Oil Corporation	12170 Jaycie Cir	Midwest City	OK	73130-8459	Your item was delivered to an individual at the address at 1:06 pm on February 24, 2025 in OKLAHOMA CITY, OK 73130.
9414811898765456355838	BTA Oil Producers	104 S Pecos St	Midland	TX	79701-5021	Your item was picked up at a postal facility at 7:30 am on February 26, 2025 in MIDLAND, TX 79701.
9414811898765456355753	Carolyn J. Chester Trust, Carolyn J. Chester, Trustee	20214 Stormy Pine Ln	Spring	TX	77379-2715	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765456355722	CBR Oil Properties, LLC	PO Box 1778	Spring	TX	77383-1778	Your item was picked up at the post office at 9:18 am on February 28, 2025 in SPRING, TX 77373.
9414811898765456355746	Cross-N-Oil Company	200 Crescent Ct Ste 1880	Dallas	TX	75201-1503	We were unable to deliver your package at 11:09 am on March 10, 2025 in SANTA FE, NM 87501 because the business was closed. We will redeliver on the next business day. No action needed.

Permian - Riddler 131H, 201H wells - Case nos. 25229 and 25232  
Postal Delivery Report

9414811898765456355777	David M. Stevens	3101 Diamond A Dr	Roswell	NM	88201-3420	Your item was picked up at the post office at 4:38 pm on February 28, 2025 in ROSWELL, NM 88201.
9414811898765456355951	DHB Partnership	8144 Walnut Hill Ln unit 982-51	Dallas	TX	75231-4388	Your item was delivered to an individual at the address at 12:26 pm on February 25, 2025 in DALLAS, TX 75231.
9414811898765456355968	Diamond Star Production Company, LLC	13660 Deering Ln	Moorpark	CA	93021-2845	We now anticipate delivery of your package the next business day. We apologize for the delay.
9414811898765456355944	Estate of Lewis E. MacNaughton	6440 N Central Expy Ste 215	Dallas	TX	75206-4132	Your item was delivered to a parcel locker at 7:55 pm on February 25, 2025 in DALLAS, TX 75206.
9414811898765456355937	FISCO, Inc	PO Box 3087	Roswell	NM	88202-3087	Your item was picked up at the post office at 11:19 am on February 26, 2025 in ROSWELL, NM 88201.
9414811898765456355616	Highland Texas Energy Company	7557 Rambler Rd Ste 918	Dallas	TX	75231-2306	Your item was delivered to an individual at the address at 12:12 pm on February 26, 2025 in DALLAS, TX 75231.
9414811898765456355661	Hillier, LLC	6046 Azalea Ln	Dallas	TX	75230-3406	We now anticipate delivery of your package the next business day. We apologize for the delay.
9414811898765456355609	HM Investments, Ltd.	1433 Lincoln Pl	Carrollton	TX	75006-1406	Your item was delivered to an individual at the address at 3:53 pm on February 24, 2025 in CARROLLTON, TX 75006.
9414811898765456355685	James W. Keay, Jr.	4687 Edmondson Ave	Dallas	TX	75209-6009	Your item was delivered to an individual at the address at 12:12 pm on February 25, 2025 in DALLAS, TX 75209.
9414811898765456355111	Jamie Dennis	PO Box 1518	Roswell	NM	88202-1518	We were unable to deliver your package at 9:42 am on March 12, 2025 in SANTA FE, NM 87501 because the business was closed. We will redeliver on the next business day. No action needed.
9414811898765456355166	Jane Scisson Grimshaw	4934 E 92nd St	Tulsa	OK	74137-4020	Your item was delivered to an individual at the address at 1:27 pm on March 4, 2025 in TULSA, OK 74137.

Permian - Riddler 131H, 201H wells - Case nos. 25229 and 25232  
Postal Delivery Report

9414811898765456355104	Laura K Read LLC	PO Box 21622	Albuquerque	NM	87154-1622	Your item was picked up at the post office at 10:32 am on February 28, 2025 in ALBUQUERQUE, NM 87111.
9414811898765456355142	Marjorie C. Echols	6238 Prestonshire Ln	Dallas	TX	75225-2109	We were unable to deliver your package at 11:09 am on March 10, 2025 in SANTA FE, NM 87501 because the business was closed. We will redeliver on the next business day. No action needed.
9414811898765456355135	Martha Keay Strauss	454 Corley St	Bluffton	SC	29910-8037	Your item was delivered to an individual at the address at 4:39 pm on February 25, 2025 in BLUFFTON, SC 29910.
9414811898765456355357	MRC Permian Company	5400 Lbj Fwy Ste 1500	Dallas	TX	75240-1017	Your item was delivered to an individual at the address at 10:08 am on February 25, 2025 in DALLAS, TX 75240.
9414811898765456355302	N.L Stevens, III	1000 Louisiana St Ste 3400	Houston	TX	77002-5011	Your item has been delivered to an agent. The item was picked up at USPS at 1:55 pm on February 24, 2025 in HOUSTON, TX 77002.
9414811898765456355388	Pat Pruitt	PO Box 3422	Roswell	NM	88202-3422	We were unable to deliver your package at 9:48 am on March 22, 2025 in SANTA FE, NM 87501 because the business was closed. We will redeliver on the next business day. No action needed.
9414811898765456355371	Paul L. Sisk & Helen I. Sisk Charitable Trust, Charles W. Harris, Ruth Sowards, & Alva Jo Eaton, Trustees	5319 S Lewis Ave Ste 110	Tulsa	OK	74105-6536	Your item was delivered to an individual at the address at 10:18 am on February 25, 2025 in TULSA, OK 74105.
9414811898765456355050	PBEX, LLC	PO Box 10250	Midland	TX	79702-7250	Your item was picked up at the post office at 12:35 pm on March 6, 2025 in MIDLAND, TX 79701.
9414811898765456355005	Richardson Oil Company, LLC	7557 Rambler Rd Ste 918	Dallas	TX	75231-2306	Your item was delivered to an individual at the address at 12:12 pm on February 26, 2025 in DALLAS, TX 75231.
9414811898765456355043	Ross Duncan Properties	PO Box 647	Artesia	NM	88211-0647	Your item was picked up at the post office at 11:23 am on February 25, 2025 in ARTESIA, NM 88210.

Permian - Riddler 131H, 201H wells - Case nos. 25229 and 25232  
Postal Delivery Report

9414811898765456355036	S.N.S. Oil & Gas Properties, Inc.	PO Box 268946	Oklahoma City	OK	73126-8946	Your item was delivered to an individual at the address at 9:14 am on February 25, 2025 in OKLAHOMA CITY, OK 73125.
9414811898765456355418	Sandstone Properties, LLC	40 First Plaza Ctr NW Ste 601-N	Albuquerque	NM	87102-3355	Your item was delivered to an individual at the address at 3:08 pm on February 24, 2025 in ALBUQUERQUE, NM 87102.
9414811898765456355456	Scott Miller	2626 Myrtle Springs Ave Ste 100	Dallas	TX	75220-2515	Your item was delivered to an individual at the address at 12:20 pm on February 25, 2025 in DALLAS, TX 75220.
9414811898765456355401	Sealy Hutchings Cavin, Inc.	PO Box 1125	Roswell	NM	88202-1125	Your item was picked up at the post office at 11:48 am on February 25, 2025 in ROSWELL, NM 88201.
9414811898765456355449	Seegers Drilling Company	14140 Midway Rd Ste 202	Dallas	TX	75244-3672	Your item was delivered to an individual at the address at 1:44 pm on February 25, 2025 in DALLAS, TX 75244.
9414811898765456355517	SITL Energy	308 N Colorado St	Midland	TX	79701-4618	Your item was delivered to an individual at the address at 11:26 am on February 25, 2025 in MIDLAND, TX 79701.
9414811898765456355555	Stevens Oil & Gas, LLC	PO Box 3087	Roswell	NM	88202-3087	Your item was picked up at the post office at 11:19 am on February 26, 2025 in ROSWELL, NM 88201.
9414811898765456355500	Stuart E. Keay	3510 Armstrong Ave	Dallas	TX	75205-3921	Your item was delivered to a parcel locker at 7:54 pm on February 25, 2025 in DALLAS, TX 75206.
9414811898765456355548	Thomas M. Beall	PO Box 3098	Midland	TX	79702-3098	Your item has been delivered and is available at a PO Box at 12:17 pm on March 11, 2025 in MIDLAND, TX 79701.
9414811898765456355579	Tierra Encantada, LLC	PO Box 811	Roswell	NM	88202-0811	Your item was picked up at the post office at 9:59 am on February 26, 2025 in ROSWELL, NM 88201.
9414811898765456352257	Turner Royalties, LLC	31 Brass Horse Rd	Santa Fe	NM	87508-9473	Your item has been delivered and is available at a PO Box at 11:05 am on February 26, 2025 in SANTA FE, NM 87505.

Permian - Riddler 131H, 201H wells - Case nos. 25229 and 25232  
Postal Delivery Report

9414811898765456352202	William C. Miller	8222 Douglas Ave Ste 570	Dallas	TX	75225-5936	We were unable to deliver your package at 11:09 am on March 10, 2025 in SANTA FE, NM 87501 because the business was closed. We will redeliver on the next business day. No action needed.
9414811898765456352240	Wood Family Non-Exempt Trust FBO James Ralph Wood, III, Trustee	2221 New College Ln	Plano	TX	75025-5512	Your item was returned to the sender on March 6, 2025 at 9:54 am in SANTA FE, NM 87501 because it could not be delivered as addressed.



Santa Fe, New Mexico

Exhibit No. F

Submitted by: Permian Resources Operating, LLC

Hearing Date: April 10, 2024

Case No. 25229

**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  
February 23, 2025  
and ending with the issue dated  
February 23, 2025.



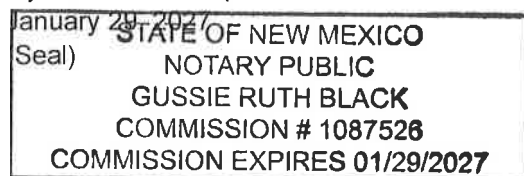
Publisher

Sworn and subscribed to before me this  
23rd day of February 2025.



Business Manager

My commission expires



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.

LEGAL

LEGAL

LEGAL

LEGAL NOTICE  
February 23, 2025

Case No. 25229: Application of Permian Resources Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Notice to all affected interest owners, including all heirs, devisees and successors of: Abby Corporation; Advance Energy Partners Hat Mesa, LLC; Alpha Energy Partners II, LLC; Andrea Miller Bunnett; B&N Energy, LLC; Bernhardt Oil Corporation; BTA Oil Producers; Carolyn J. Chester Trust Carolyn J. Chester, Trustee; CBR Oil Properties, LLC; Cross-N-Oil Company; David M. Stevens; DHB Partnership; Diamond Star Production Company, LLC; Estate of Lewis E. MacNaughton; FISCO, Inc.; Highland Texas Energy Company; Hillier, LLC; HM Investments, Ltd.; James W. Keay, Jr.; Jamie Dennis; Jane Scisson Grimshaw; Laura K Read LLC; Marjorie C. Echols; Martha Keay Strauss; MRC Permian Company; N.L. Stevens, III; Pat Pruitt; Paul L. Sisk & Helen I. Sisk Charitable Trust Charles W. Harris, Ruth Sowards, & Alva Jo Eaton, Trustees; PBEX, LLC; Richardson Oil Company, LLC; Ross Duncan Properties; S.N.S. Oil & Gas Properties, Inc.; Sandstone Properties, LLC; Scott Miller; Sealy Hutchings Cavin, Inc.; Seegers Drilling Company; SITL Energy; Stevens Oil & Gas, LLC; Stuart E. Keay; Thomas M. Beall; Tierra Encantada, LLC; Turner Royalties, LLC; William C. Miller Wood Family Non-Exempt Trust FBO James Ralph Wood, III, Trustee. The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearing 8:30 a.m. on March 13, 2025, to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the hearings electronically, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/> or contact Freya Tschantz, at [Freya.Tschantz@emnrd.nm.gov](mailto:Freya.Tschantz@emnrd.nm.gov). Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. This spacing unit will be initially dedicated to the proposed **Riddler 10 Fed Com #131H "U-Turn"** (API No. 30-025-53819) well, to be drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 10, a first take point in the NW/4 NW/4 (Unit D) of Section 10 and a last take point in the NE/4 NW/4 (Unit C) of Section 10. Also to be considered will be the cost of drilling and completing the well and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said well. Said area is located approximately 25 miles southwest of Hobbs, New Mexico. #00298562

67100754

00298562

HOLLAND & HART LLC  
110 N GUADALUPE ST., STE. 1  
SANTA FE, NM 87501