

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING JUNE 1, 2023**

CASE NO. 23524

*RIDDLER 3-10 FEDERAL COM #111H, #121H &
#122H WELLS*

LEA COUNTY, NEW MEXICO

READ & STEVENS, INC.

PERMIAN
RESOURCES

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

**APPLICATION OF READ & STEVENS, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING
UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 23524

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COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23524	APPLICANT'S RESPONSE
Date	June 1, 2023
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Sandstone Properties, LLC
Well Family	Riddler
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Teas; Bone Spring (58960)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.95-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 4, SW/4 NW/4 and the W/2 SW/4 of Section 3, and the W/2 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
Other Situations	
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 A-3
Well(s)	

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Riddler 3-10 Fed Com 111H: SHL: 395' FNL, 1,563' FWL (Lot 3) of Section 3 BHL: 10' FSL, 330' FWL (Unit M) of Section 10 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Well #2	Riddler 3-10 Fed Com 121H: SHL: 395' FNL, 1,629' FWL (Lot 3) of Section 3 BHL: 10' FSL, 330' FWL (Unit M) of Section 10 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Well #3	Riddler 3-10 Fed Com 122H: SHL: 395' FNL, 1,662' FWL (Lot 3) of Section 3 BHL: 10' FSL, 990' FWL (Unit M) of Section 10 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	See Application
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D
Ownership Determination	
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)	N/A

Joinder	
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
Geology	
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, B-5
HSU Cross Section	Exhibit B-3, B-4, B-5
Depth Severance Discussion	N/A
Forms, Figures and Tables	
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-1, B-2
Structure Contour Map - Subsea Depth	Exhibit B-3, B-4
Cross Section Location Map (including wells)	Exhibit B-2, B-3, B-4, B-5
Cross Section (including Landing Zone)	Exhibit B-2, B-3, B-4, B-5
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Paula M Vance
Signed Name (Attorney or Party Representative):	
Date:	5/30/2023

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

**APPLICATION OF READ & STEVENS, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING
UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 23524

APPLICATION

Read & Stevens, Inc. (“Applicant”), through undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (a) approving a standard 320.95-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 4, SW/4 NW/4 and the W/2 SW/4 of Section 3, and the W/2 W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico, and (b) pooling all uncommitted mineral interests in this overlapping horizontal well spacing unit. In support of its application, Read & Stevens, Inc. states:

1. Applicant is a working interest owner in the proposed overlapping horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed overlapping horizontal spacing unit.
3. Applicant seeks to initially dedicate the above-referenced overlapping horizontal spacing unit to the proposed **Riddler 3-10 Federal Com 111H, Riddler 3-10 Federal Com 121H, and Riddler 3-10 Federal Com 122H** wells, all to be horizontally drilled from a surface location in Lot 3 of Section 3 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10.

4. This 320.95-acre horizontal well spacing unit will overlap the following existing horizontal well spacing unit covering portions of the subject acreage:

- 160.95-acre, more or less, horizontal well spacing unit comprised of the W/2 W/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #4H (API: 30-025-42684).

5. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

6. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on June 1, 2023, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the overlapping horizontal well spacing unit and pooling all uncommitted interests therein;
- B. Designating Permian Resources Operating, LLC as operator of this overlapping horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- 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% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

By: 

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Adam G. Rankin
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ATTORNEYS FOR READ & STEVENS, INC.

CASE _____: **Application of Read & Stevens, Inc. for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order (a) approving a standard 320.95-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 4, SW/4 NW/4 and the W/2 SW/4 of Section 3, and the W/2 W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico, and (b) pooling all uncommitted mineral interests in this overlapping horizontal well spacing unit. Said unit will be initially dedicated to the proposed **Riddler 3-10 Federal Com 111H, Riddler 3-10 Federal Com 121H, and Riddler 3-10 Federal Com 122H** wells, all to be horizontally drilled from a surface location in Lot 3 of Section 3 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10. This 320.95-acre horizontal well spacing unit will overlap the following existing horizontal well spacing unit covering portions of the subject acreage:

- 160.95-acre, more or less, horizontal well spacing unit comprised of the W/2 W/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #4H (API: 30-025-42684).

Also, to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Permian Resources Operating, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. 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**

**APPLICATIONS OF READ & STEVENS, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING
UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NOS. 23524–23527

SELF-AFFIRMED STATEMENT OF TRAVIS MACHA

1. My name is Travis Macha. I work for Permian Resources Operating, LLC (“Permian”) as a Senior 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 applications filed by Read & Stevens, Inc. (“Read & Stevens”) in these cases, and I am familiar with the status of the lands in the subject area.

4. None of the uncommitted parties in these cases have indicated opposition to proceeding by self-affirmed statement and, therefore, I do not expect any opposition at the hearing.

5. Under these consolidated cases, Read & Stevens seeks orders (a) approving a standard overlapping horizontal well spacing unit and (b) pooling all uncommitted mineral interests in the Bone Spring formation underlying the referenced acreage all in Township 20 South, Range 34 East, NMPM, Lea County, New Mexico, as follows:

- Under **Case No. 23524**, Read & Stevens seeks to pool a standard 320.95-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 4, SW/4 NW/4 and the W/2 SW/4 of Section 3, and the W/2

**BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A
Submitted by: Read & Stevens, Inc.
Hearing Date: June 1, 2023
Case No. 23524**

W/2 of Section 10, and initially dedicate this Bone Spring spacing unit to the proposed **Riddler 3-10 Federal Com 111H, Riddler 3-10 Federal Com 121H, and Riddler 3-10 Federal Com 122H** wells, all to be horizontally drilled from a surface location in Lot 3 of Section 3 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10. This 320.95-acre horizontal well spacing unit will overlap the following existing horizontal well spacing unit covering portions of the subject acreage:

- 160.95-acre, more or less, horizontal well spacing unit comprised of the W/2 W/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #4H (API: 30-025-42684).
- Under **Case No. 23525**, Read & Stevens seeks to pool a standard 320.85-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 3, SE/4 NW/4 and the E/2 SW/4 of Section 3, and the E/2 W/2 of Section 10, and initially dedicate this Bone Spring spacing unit to the proposed **Riddler 3-10 Federal Com 112H, Riddler 3-10 Federal Com 123H, and Riddler 3-10 Federal Com 124H** wells, all to be horizontally drilled from a surface location in Lot 3 of Section 3 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 10. This 320.85-acre horizontal well spacing unit will overlap the following existing horizontal well spacing unit covering portions of the subject acreage:
 - 160-acre, more or less, horizontal well spacing unit comprised of the E/2 W/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #3H (API: 30-025-42228).

- Under **Case No. 23526**, Read & Stevens seeks to pool a standard 320.75-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 2, SW/4 NE/4 and the W/2 SE/4 of Section 3, and the W/2 E/2 of Section 10, and initially dedicate this Bone Spring spacing unit to the proposed **Riddler 3-10 Federal Com 113H, Riddler 3-10 Federal Com 125H, and Riddler 3-10 Federal Com 126H** wells, all to be horizontally drilled from a surface location in Lot 1 of Section 3 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 10. This 320.75-acre horizontal well spacing unit will overlap the following existing horizontal well spacing units covering portions of the subject acreage:
 - 160-acre, more or less, horizontal well spacing unit comprised of the W/2 E/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #2H (API: 30-025-42227); and
 - 160-acre, more or less, horizontal well spacing unit comprised of the W/2 E/2 of Section 10, Township 20 South, Range 34 East, dedicated to the North Lea 10 Fed Com #2H (API: 30-025-43680).
- Under **Case No. 23527**, Read & Stevens seeks to pool a standard 320.65-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 1, SE/4 NE/4 and the E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10, and initially dedicate this Bone Spring spacing unit to the proposed **Riddler 3-10 Federal Com 114H, Riddler 3-10 Federal Com 127H, and Riddler 3-10 Federal Com 128H** wells, all to be horizontally drilled from a surface location in Lot 1 of Section 3 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section

This 320.65-acre horizontal well spacing unit will overlap the following existing horizontal well spacing units covering portions of the subject acreage:

- 160-acre, more or less, horizontal well spacing unit comprised of the E/2 E/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #1H (API: 30-025-42080); and
- 160-acre, more or less, horizontal well spacing unit comprised of the E/2 E/2 of Section 10, Township 20 South, Range 34 East, dedicated to the North Lea 10 Fed Com #1H (API: 30-025-43679).

6. Read & Stevens is the designated operator in the above-referenced existing horizontal well spacing units. Therefore, **Read & Stevens Exhibit A-1** includes a sample of the notice letter mailed to the other working interest owners in both the new and existing spacing units. Exhibit A-1 also includes a diagram depicting the newly proposed spacing units in relation to the existing spacing units.

7. **Read & Stevens Exhibit A-2** contains a draft Form C-102 for the wells in these overlapping spacing units. These forms demonstrate that the completed interval for each of the wells will comply with statewide setbacks for oil wells. The exhibit shows that the wells will be assigned to the Teas; Bone Spring (58960).

8. **Read & Stevens Exhibit A-3** identifies the tracts of land comprising the overlapping horizontal spacing units, the ownership interests in each tract, and a recapitulation of the Riddler 3-10 Unit ownership. The interest owners that Read & Stevens seeks to pool are highlighted in yellow. Exhibit A-3 also includes the title record holder that Read & Stevens seeks to pool, where applicable. The subject acreage is comprised of federal lands.

9. **Read & Stevens Exhibit A-4** contains a sample of the well proposal letter and AFE for each well that was sent to owners with a working interest. The costs reflected in the AFE are consistent with what Read & Stevens and other operators have incurred for drilling similar horizontal wells in the area in this formation.

10. Read & Stevens requests that the overhead and administrative costs for drilling and producing the proposed wells be set at \$8,000 per month while drilling and \$800 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.

11. **Read & Stevens Exhibit A-5** contains a general summary of the contacts with the uncommitted interest owners. As indicated in the exhibit, Read & Stevens has made a good faith effort to locate and has had communications with the majority of the parties that it seeks to pool in these cases in an effort to reach voluntary joinder. In my opinion, Read & Stevens has undertaken good faith efforts to reach an agreement with the uncommitted interest owners.

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

13. **Read & Stevens Exhibits A-1 through A-5** were either prepared by me or compiled under my direction and supervision.

14. 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 these cases. This statement is made on the date next to my signature below.

A handwritten signature in blue ink, appearing to read 'Travis Macha', is written over a horizontal line.

Travis Macha

5/25/2023 _____

Date



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

OFFICE 432.695.4222
FAX 432.695.4063

March 13, 2023

RE: Communitization Agreements – Riddler 3-10 Federal Com
Sections 3 & 10, T20S-R34E
Lea County, New Mexico

Dear Owner:

In anticipation of the drilling and completion of the wells listed below, Permian Resources Operating, LLC respectfully requests your review and approval of the enclosed Communitization Agreements covering the relative spacing unit/contract areas in the Bone Spring and Wolfcamp formations.

- Riddler 3-10 Fed Com 111H, 121H, 122H
- Riddler 3-10 Fed Com 112H, 123H, 124H
- Riddler 3-10 Fed Com 113H, 125H, 126H
- Riddler 3-10 Fed Com 114H, 127H, 128H

At your earliest convenience, please execute and notarize **three (3) copies** of the signature and acknowledgement pages for the **four (4)** Communitization Agreements enclosed and return all sets to my attention at the address listed below.

As noted in the previously provided Joint Operating Agreement, all working interest and override royalty information is subject to final rendering of Drilling and Division Order title opinions.

Furthermore, please note that the two-mile 1st and 2nd Bone Spring development will involve forming overlapping spacing units over the presently existing one-mile 3rd Bone Spring production (being the North Lea 3 Federal Com 1H-4H, and the North Lea 10 Federal 1H & 2H). No impacts to exist production are expected.

Due to the number of working interest owners we are receiving an abnormally large number of inquiries. If you have any questions concerning these, email will likely be the best way to reach me at Travis.Macha@permianres.com.

Sincerely,

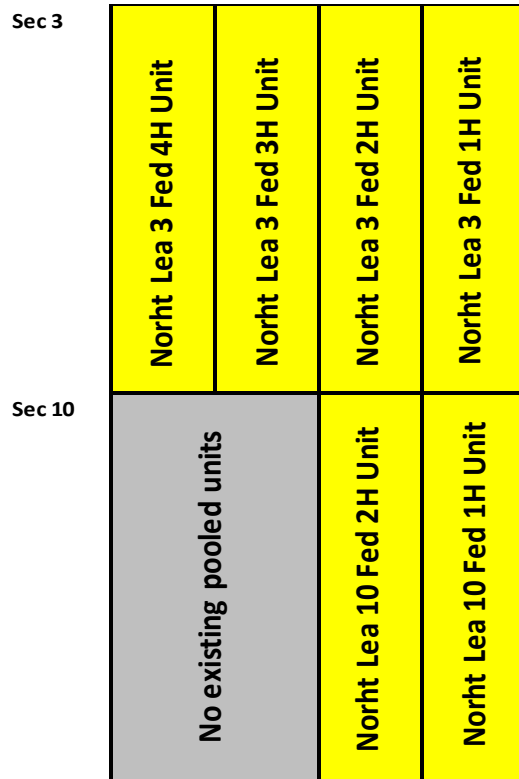
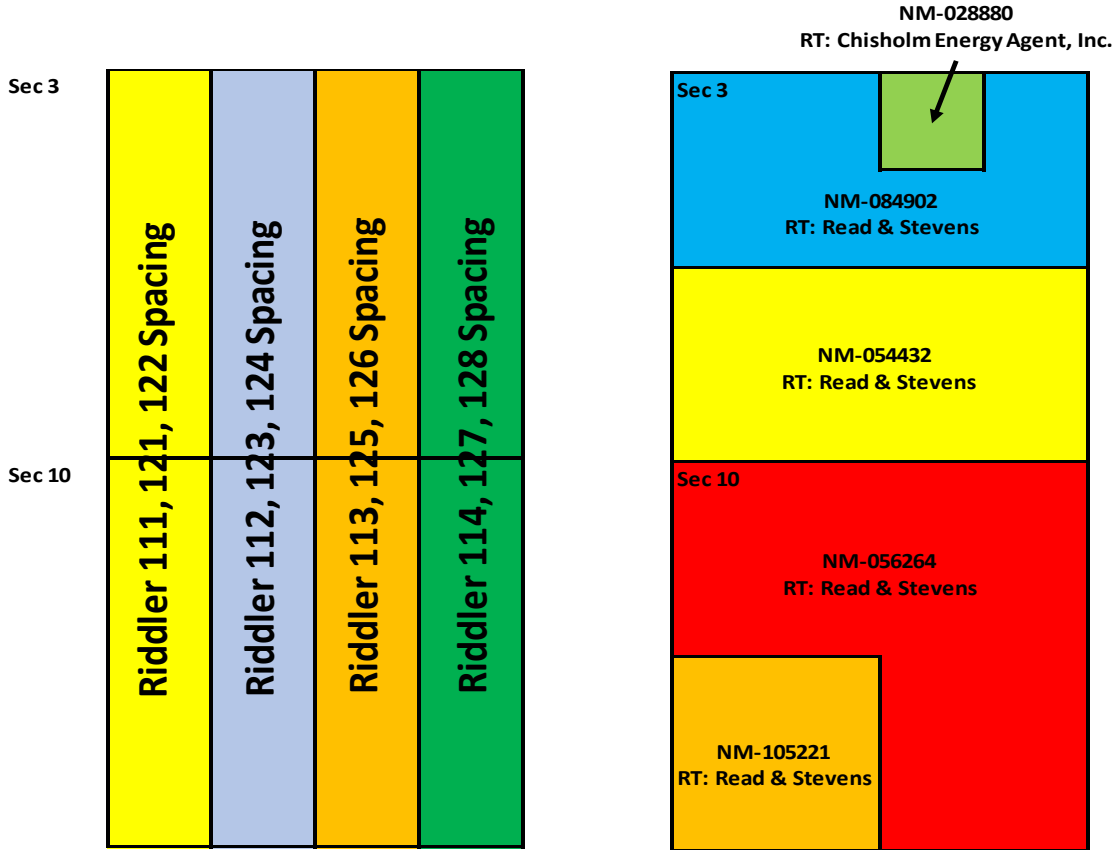
PERMIAN RESOURCES OPERATING, LLC

Travis Macha
Senior Landman

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

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A-1
Submitted by: Read & Stevens, Inc.
Hearing Date: June 1, 2023
Case No. 23524

Land Exhibit: Ridder Federal Com 111H-114H, 121H-128H
EXISTING UNIT / OVERLAPPING EXHIBIT



Existing 3rd Bone Spring Pooled Units - 3rd Bone Spring Formation

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-PENDING	² Pool Code 58960	³ Pool Name TEAS; BONE SPRING
⁴ Property Code	⁵ Property Name RIDDLER 3-10 FED COM	⁶ Well Number 111H
⁷ OGRID No. 372165	⁸ Operator Name PERMIAN RESOURCES OPERATING, LLC	⁹ Elevation 3663.8'

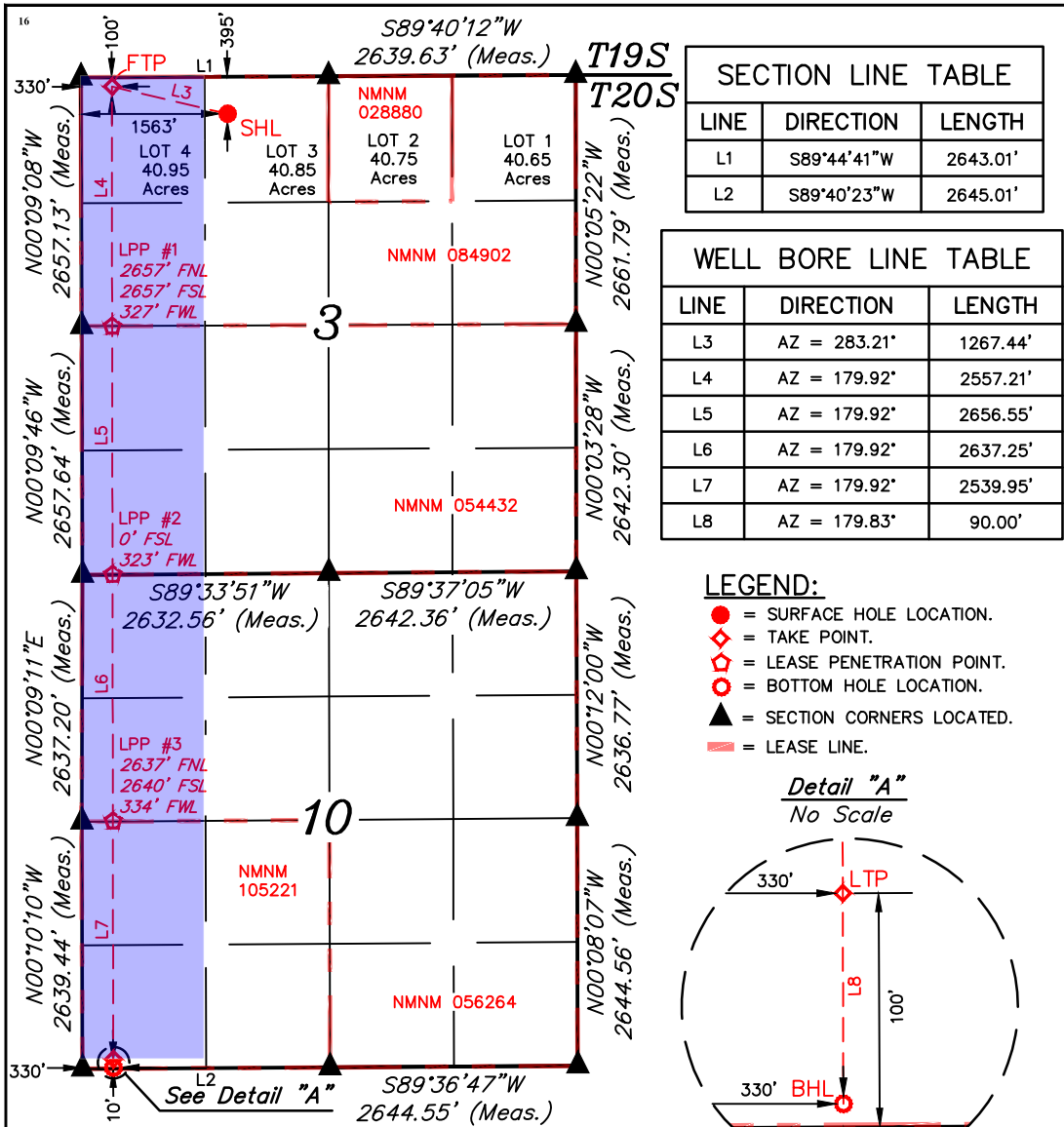
¹⁰ Surface Location

UL or lot no. 3	Section 3	Township 20S	Range 34E	Lot Idn	Feet from the 395	North/South line NORTH	Feet from the 1563	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 10	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
¹² Dedicated Acres 320.95	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____
Printed Name _____
E-mail Address _____



NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°36'30.21" (32.608392°) LONGITUDE = 103°33'05.52" (103.551532°)	NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°36'29.77" (32.608268°) LONGITUDE = 103°33'03.75" (103.551041°)	NAD 83 (FIRST TAKE POINT) LATITUDE = 32°36'33.11" (32.609198°) LONGITUDE = 103°33'19.93" (103.55535°)	NAD 27 (FIRST TAKE POINT) LATITUDE = 32°36'32.67" (32.609075°) LONGITUDE = 103°33'18.31" (103.555044°)
NAD 83 (LPP #1) LATITUDE = 32°36'07.81" (32.602171°) LONGITUDE = 103°33'19.98" (103.555549°)	NAD 27 (LPP #1) LATITUDE = 32°36'07.37" (32.602047°) LONGITUDE = 103°33'18.21" (103.555058°)	NAD 83 (LPP #2) LATITUDE = 32°35'41.53" (32.594870°) LONGITUDE = 103°33'20.03" (103.555564°)	NAD 27 (LPP #2) LATITUDE = 32°35'41.09" (32.594747°) LONGITUDE = 103°33'18.26" (103.555072°)
NAD 83 (LPP #3) LATITUDE = 32°35'15.44" (32.587623°) LONGITUDE = 103°33'20.08" (103.555578°)	NAD 27 (LPP #3) LATITUDE = 32°35'15.00" (32.587500°) LONGITUDE = 103°33'18.31" (103.555087°)	NAD 83 (LAST TAKE POINT) LATITUDE = 32°34'50.31" (32.580643°) LONGITUDE = 103°33'20.13" (103.555591°)	NAD 27 (LAST TAKE POINT) LATITUDE = 32°34'49.87" (32.580520°) LONGITUDE = 103°33'18.36" (103.555101°)
NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'49.42" (32.580396°) LONGITUDE = 103°33'20.13" (103.555591°)	NAD 27 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'48.98" (32.580272°) LONGITUDE = 103°33'18.36" (103.555101°)	NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'49.42" (32.580396°) LONGITUDE = 103°33'20.13" (103.555591°)	NAD 27 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'48.98" (32.580272°) LONGITUDE = 103°33'18.36" (103.555101°)

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

March 2, 2023

Date of Survey _____
Signature and Seal of Professional Surveyor: _____

Certificate Number: _____

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

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

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

AMENDED REPORT

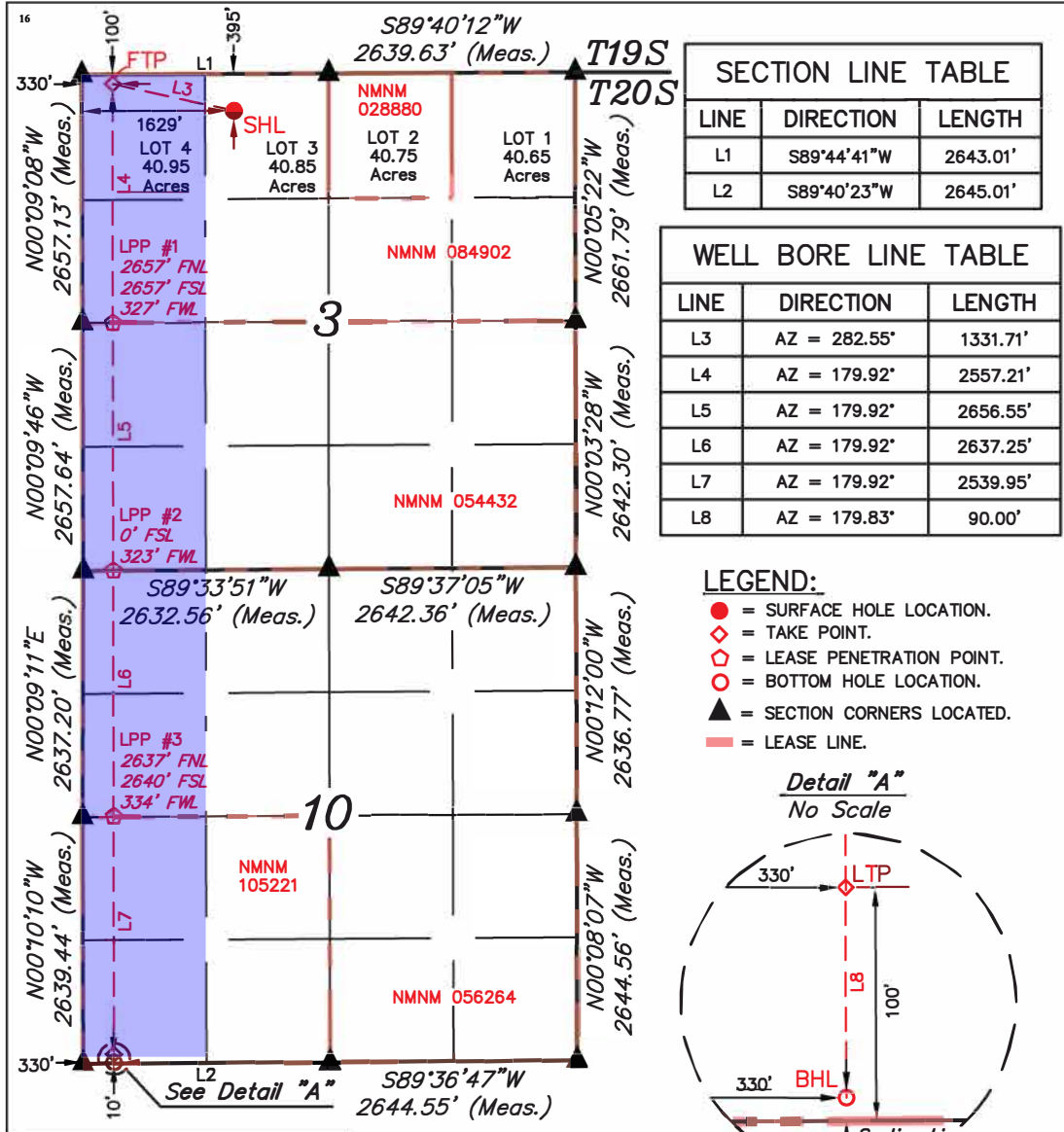
WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 columns: 1 API Number (30-025-PENDING), 2 Pool Code (58960), 3 Pool Name (TEAS; BONE SPRING), 4 Property Code, 5 Property Name (RIDDLER 3-10 FED COM), 6 Well Number (121H), 7 OGRID No. (372165), 8 Operator Name (PERMIAN RESOURCES OPERATING, LLC), 9 Elevation (3664.4')

10 Surface Location table with columns: UL or lot no. (3), Section (3), Township (20S), Range (34E), Lot Idn, Feet from the (395), North/South line (NORTH), Feet from the (1629), East/West line (WEST), County (LEA)

11 Bottom Hole Location If Different From Surface table with columns: UL or lot no. (M), Section (10), Township (20S), Range (34E), Lot Idn, Feet from the (10), North/South line (SOUTH), Feet from the (330), East/West line (WEST), County (LEA). Includes 12 Dedicated Acres (320.95), 13 Joint or Infill, 14 Consolidation Code, 15 Order No.

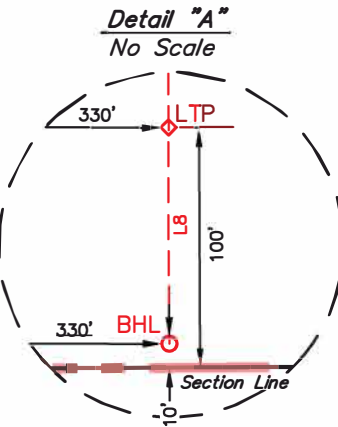
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



SECTION LINE TABLE with columns: LINE, DIRECTION, LENGTH. Rows: L1 (S89°44'41"W, 2643.01'), L2 (S89°40'23"W, 2645.01')

WELL BORE LINE TABLE with columns: LINE, DIRECTION, LENGTH. Rows: L3 (AZ = 282.55°, 1331.71'), L4 (AZ = 179.92°, 2557.21'), L5 (AZ = 179.92°, 2656.55'), L6 (AZ = 179.92°, 2637.25'), L7 (AZ = 179.92°, 2539.95'), L8 (AZ = 179.83°, 90.00')

- LEGEND:
● = SURFACE HOLE LOCATION.
◇ = TAKE POINT.
○ = LEASE PENETRATION POINT.
○ = BOTTOM HOLE LOCATION.
▲ = SECTION CORNERS LOCATED.
— = LEASE LINE.



NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'30.21" (32.608392°)
LONGITUDE = 103°33'04.74" (103.551318°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'29.77" (32.608268°)
LONGITUDE = 103°33'02.98" (103.550827°)
STATE PLANE NAD 83 (N.M. EAST)
N: 585949.31' E: 782141.74'
STATE PLANE NAD 27 (N.M. EAST)
N: 585886.31' E: 740961.13'



DRAWN BY: N.D.T 03-01-23

NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36'33.11" (32.609198°)
LONGITUDE = 103°33'19.93" (103.555535°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36'32.67" (32.609075°)
LONGITUDE = 103°33'18.16" (103.555044°)
STATE PLANE NAD 83 (N.M. EAST)
N: 586233.20' E: 780840.87'
STATE PLANE NAD 27 (N.M. EAST)
N: 586170.20' E: 739660.27'

NAD 83 (LPP #1)
LATITUDE = 32°36'07.81" (32.602171°)
LONGITUDE = 103°33'19.98" (103.555549°)
NAD 27 (LPP #1)
LATITUDE = 32°36'07.37" (32.602047°)
LONGITUDE = 103°33'18.21" (103.555058°)
STATE PLANE NAD 83 (N.M. EAST)
N: 583676.46' E: 780855.34'
STATE PLANE NAD 27 (N.M. EAST)
N: 583613.54' E: 739674.67'

NAD 83 (LPP #2)
LATITUDE = 32°35'41.53" (32.594870°)
LONGITUDE = 103°33'20.03" (103.555564°)
NAD 27 (LPP #2)
LATITUDE = 32°35'41.09" (32.594747°)
LONGITUDE = 103°33'18.26" (103.555072°)
STATE PLANE NAD 83 (N.M. EAST)
N: 581020.40' E: 780870.36'
STATE PLANE NAD 27 (N.M. EAST)
N: 580957.56' E: 739689.62'

NAD 83 (LPP #3)
LATITUDE = 32°35'15.44" (32.587623°)
LONGITUDE = 103°33'20.08" (103.555578°)
NAD 27 (LPP #3)
LATITUDE = 32°35'15.00" (32.587500°)
LONGITUDE = 103°33'18.31" (103.555087°)
STATE PLANE NAD 83 (N.M. EAST)
N: 578383.64' E: 780885.28'
STATE PLANE NAD 27 (N.M. EAST)
N: 578320.89' E: 739704.46'

NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34'50.31" (32.580643°)
LONGITUDE = 103°33'20.13" (103.555591°)
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34'49.87" (32.580520°)
LONGITUDE = 103°33'18.36" (103.555101°)
STATE PLANE NAD 83 (N.M. EAST)
N: 575844.16' E: 780899.64'
STATE PLANE NAD 27 (N.M. EAST)
N: 575781.49' E: 739718.75'

NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49.42" (32.580396°)
LONGITUDE = 103°33'20.13" (103.555591°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'48.98" (32.580272°)
LONGITUDE = 103°33'18.36" (103.555101°)
STATE PLANE NAD 83 (N.M. EAST)
N: 575754.18' E: 780900.29'
STATE PLANE NAD 27 (N.M. EAST)
N: 575691.51' E: 739719.39'

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

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
March 2, 2023
Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

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

State of New Mexico
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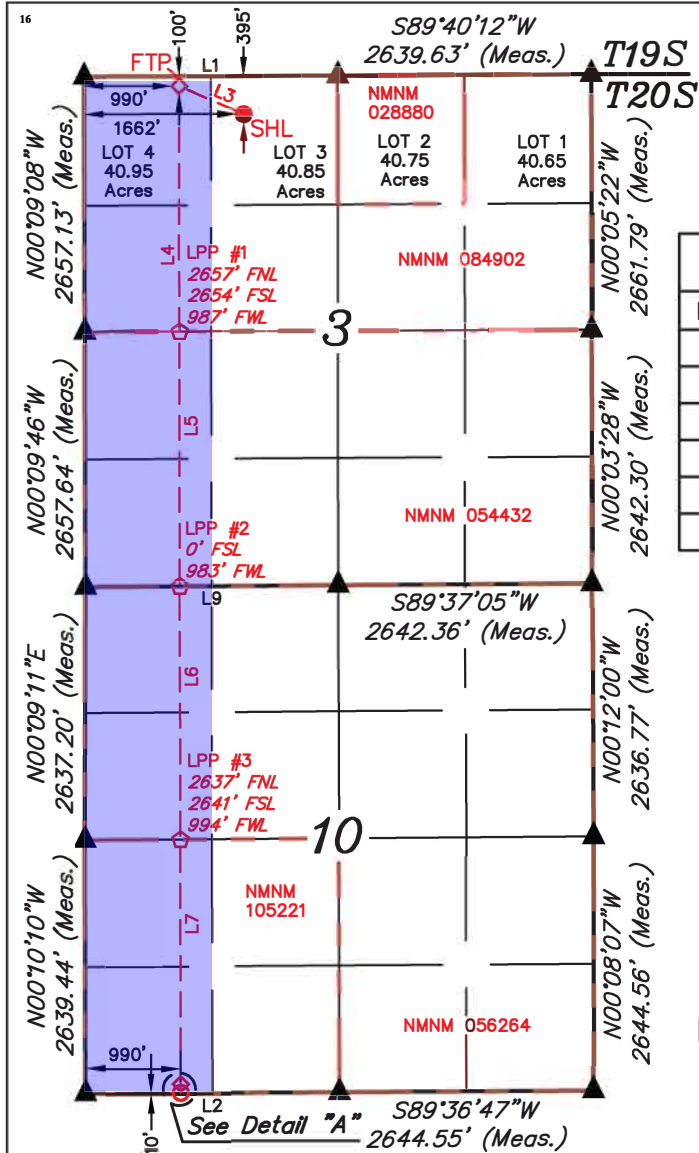
WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 columns: 1 API Number (30-025-PENDING), 2 Pool Code (58960), 3 Pool Name (TEAS; BONE SPRING), 4 Property Code, 5 Property Name (RIDDLER 3-10 FED COM), 6 Well Number (122H), 7 OGRID No. (372165), 8 Operator Name (PERMIAN RESOURCES OPERATING, LLC), 9 Elevation (3664.7')

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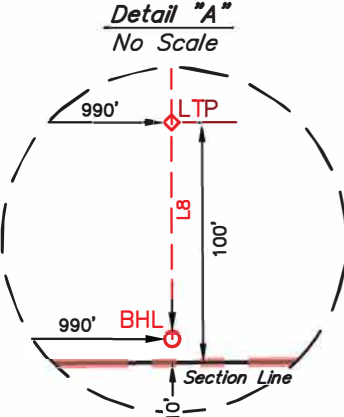
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SECTION LINE TABLE with columns: LINE, DIRECTION, LENGTH. Rows: L1 (S89°44'41"W, 2643.01'), L2 (S89°40'23"W, 2645.01'), L9 (S89°33'51"W, 2632.56')

WELL BORE LINE TABLE with columns: LINE, DIRECTION, LENGTH. Rows: L3 (AZ = 293.48°, 733.60'), L4 (AZ = 179.92°, 2557.36'), L5 (AZ = 179.92°, 2654.32'), L6 (AZ = 179.92°, 2637.52'), L7 (AZ = 179.92°, 2540.93'), L8 (AZ = 179.83°, 90.00')

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▲ = SECTION CORNERS LOCATED.
— = LEASE LINE.



NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'30.21" (32.608392°)
LONGITUDE = 103°33'04.36" (103.551211°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'29.77" (32.608268°)
LONGITUDE = 103°33'02.59" (103.550719°)
STATE PLANE NAD 83 (N.M. EAST)
N: 585949.60' E: 782174.74'
STATE PLANE NAD 27 (N.M. EAST)
N: 585886.59' E: 740994.12'



DRAWN BY: N.D.T 03-01-23

NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36'33.12" (32.609201°)
LONGITUDE = 103°33'12.21" (103.553393°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36'32.68" (32.609077°)
LONGITUDE = 103°33'10.44" (103.552901°)
STATE PLANE NAD 83 (N.M. EAST)
N: 586238.93' E: 781500.74'
STATE PLANE NAD 27 (N.M. EAST)
N: 586175.92' E: 740320.13'

NAD 83 (LPP #1)
LATITUDE = 32°36'07.82" (32.602173°)
LONGITUDE = 103°33'12.26" (103.553407°)
NAD 27 (LPP #1)
LATITUDE = 32°36'07.38" (32.602050°)
LONGITUDE = 103°33'10.49" (103.552915°)
STATE PLANE NAD 83 (N.M. EAST)
N: 583682.04' E: 781515.20'
STATE PLANE NAD 27 (N.M. EAST)
N: 583619.12' E: 740334.53'

NAD 83 (LPP #2)
LATITUDE = 32°35'41.56" (32.594879°)
LONGITUDE = 103°33'12.32" (103.553421°)
NAD 27 (LPP #2)
LATITUDE = 32°35'41.12" (32.594755°)
LONGITUDE = 103°33'10.55" (103.552930°)
STATE PLANE NAD 83 (N.M. EAST)
N: 581028.21' E: 781530.21'
STATE PLANE NAD 27 (N.M. EAST)
N: 580965.37' E: 740349.46'

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

Signature _____ Date _____
Printed Name _____
E-mail Address _____

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I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

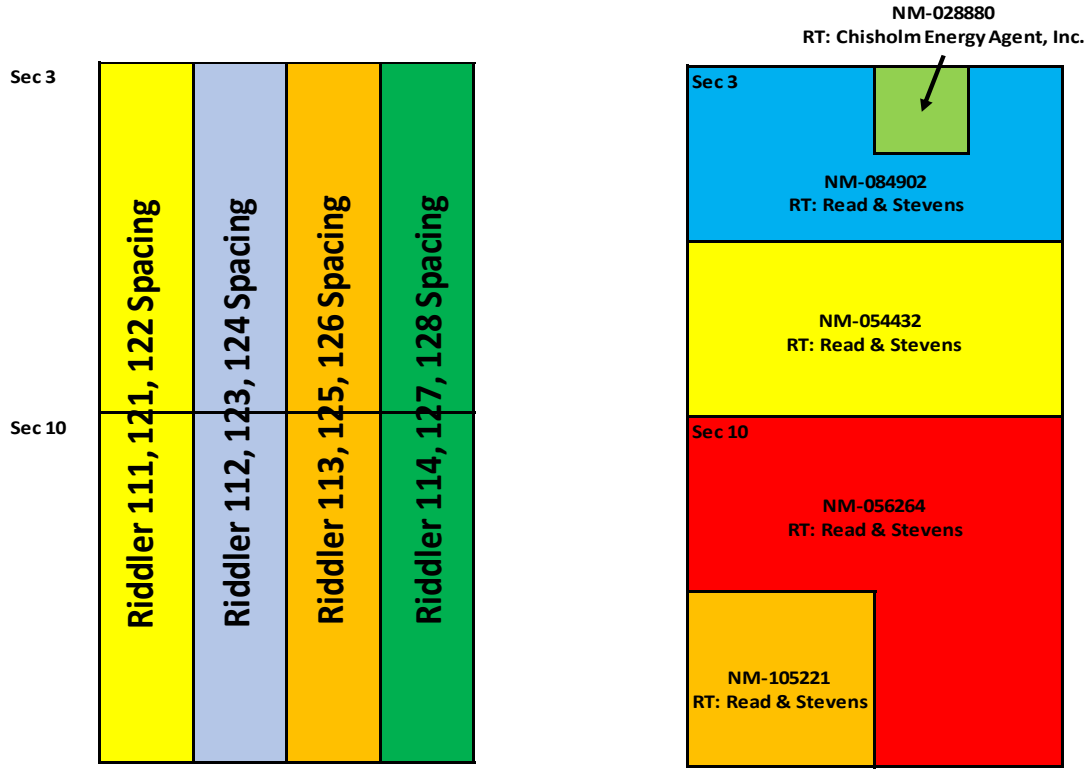
March 2, 2023
Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number: _____

Land Exhibit: Ridder Federal Com 111H-114H, 121H-128H

All of Sections 3 and 10, T20S-R34E, Lea Co., NM



Pooled List:		Documents Sent			Notes
Owner	Pooling?	Proposal	JOA	Com Agmt	
Permian Resources Operating, LLC	N/A	N/A	N/A	N/A	
	Y	N	N	Y	
Abby Corporation	Y	Y	Y	Y	
Adreana Miller Bunnett - Community Property	Y	Y	Y	Y	
Adreana Miller Bunnett - Separate Property	Y	Y	Y	Y	
Advance Energy Partners Hat Mesa LLC	Y	Y	Y	Y	
B&N Energy, LLC	Y	Y	Y	Y	
Bernhardt Oil Corp	Y	Y	Y	Y	
Carolyn J Chester Trust dated 8/11/1995	Y	Y	Y	Y	
CBR Oil Properties	Y	Y	Y	Y	
Chevron	Y	Y	Y	Y	
Citation 1987-II Investment LP	Y	Y	Y	Y	
Cross-N-Oil Co	Y	Y	Y	Y	
David K Henderson	Y	Y	Y	Y	
Diamond Star Production Co. LLC	Y	Y	Y	Y	
Estate of Lewis MacNaughton	Y	Y	Y	Y	
Estate of Marion K Calvin - Candace McClelland	Y	Y	Y	Y	
Estate of William Read and its successors	Y	Y	Y	Y	
First Century	N	N	N	N	
FISCO	Y	Y	Y	Y	To sign JOA
Glenda Richter	Y	Y	Y	Y	
Highland (Texas) Energy Co	Y	Y	Y	Y	
HM Investments Ltd	Y	Y	Y	Y	
James Ralph Wood Jr Revocable Trust	Y	Y	Y	Y	
Jamie Dennis	Y	Y	Y	Y	
Jane S. Grimshaw	Y	Y	Y	Y	
Jeanne Lea Miller	Y	Y	Y	Y	
Joann E Jensen Family Trust	Y	Y	Y	Y	
John T and Marion V Turner Revocable Trust	Y	Y	Y	Y	
Justin McKelvy Miller	Y	Y	Y	Y	
Laura K Read LLC and its successors	Y	Y	Y	Y	
Lincoln Oil and Gas	Y	Y	Y	Y	
Loveless land Holdings LLC	Y	Y	Y	Y	
Marion T Turner	Y	Y	Y	Y	
Marjorie C Echols (aka Marjorie Echols Jones)	Y	Y	Y	Y	
MRC Permian Co.	Y	Y	Y	Y	
NL Stevens III	Y	Y	Y	Y	To sign JOA
Pat Pruitt	Y	Y	Y	Y	
Paul Seegers et ux	Y	Y	Y	Y	
PBEX, LLC	Y	Y	Y	Y	
Prospector, LLC	Y	Y	Y	Y	
Read & Stevens Employee benefit plan	Y	Y	Y	Y	
Read & Stevens	N/A	N/A	N/A	N/A	
Sandstone Properties	Y	Y	Y	Y	
Scott B. Miller - Separate Property	Y	Y	Y	Y	
Scott Miller - Community Property	Y	Y	Y	Y	
Sealy Hutch Calvin	Y	Y	Y	Y	
Seegers Drilling Co	Y	Y	Y	Y	
Sharron Stone Trollinger Trust	Y	Y	Y	Y	
Sisk Charitable Trust	Y	Y	Y	Y	
SNS Oil and Gas Prop	Y	Y	Y	Y	

KEY: Parties highlighted in yellow are to be pooled.

Land Exhibit: Ridder Federal Com 111H-114H, 121H-128H

All of Sections 3 and 10, T20S-R34E, Lea Co., NM

Pooled List:		Documents Sent			Notes
Owner	Pooling?	Proposal	JOA	Com Agmt	
Stevens Oil and Gas, LLC	Y	Y	Y	Y	To sign JOA
Sunburst	Y	Y	Y	Y	
Thomas and Carolyn Beall	Y	Y	Y	Y	
Tierra Encantana	Y	Y	Y	Y	
Turner Royalties	Y	Y	Y	Y	
Union Hill Oil and Gas	Y	Y	Y	Y	
Wesley Merrick Miller	Y	Y	Y	Y	
Westway Petro Four	Y	Y	Y	Y	
David Stevens	Y	Y	Y	Y	
Richardson Oil Company	Y	Y	Y	Y	

Owner	Leasehold Ownership					
	Section 10: NW, E2	Section 10: SW	Section 3: S2	Section 3: N2, SAE Lot 2	Section 3: Lot 2	
Abby Corporation	6.2500%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Adreana Miller Bunnnett - Community Property	0.0000%	0.0000%	0.1117%	0.0000%	0.0000%	0.0000%
Adreana Miller Bunnnett - Separate Property	0.1667%	0.0000%	0.0670%	0.0000%	0.0000%	0.0000%
Advance Energy Partners Hat Mesa LLC	5.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
B&N Energy, LLC	0.5000%	0.0000%	0.8207%	0.6125%	0.0000%	0.0000%
Bernhardt Oil Corp	3.0000%	0.0000%	4.0185%	3.0000%	0.0000%	0.0000%
Carolyn J Chester, Trustee of the Carolyn J Chester Trust dated 8/11/1995	4.0000%	0.0000%	0.0000%	0.4250%	0.0000%	0.0000%
CBR Oil Properties	4.0000%	0.0000%	4.3345%	4.7059%	0.0000%	0.0000%
Chevron	0.0000%	0.0000%	0.0000%	18.9000%	0.0000%	0.0000%
Citation 1987-II Investment LP	15.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Cross-N-Oil Co	2.5000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
David K Henderson	0.1250%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Diamond Star Production Co. LLC	1.0119%	0.0000%	0.8533%	0.0000%	0.0000%	0.0000%
Estate of Lewis MacNaughton	0.0000%	0.0000%	0.0000%	3.1250%	0.0000%	0.0000%
Estate of Marion K Calvin - Candace McClelland	0.0000%	0.0000%	0.3350%	0.2500%	0.0000%	0.0000%
Estate of William Read and its successors	0.0000%	0.0000%	0.0000%	1.7821%	0.0000%	0.0000%
First Century Oil	3.5000%	0.0000%	4.0192%	3.5294%	0.0000%	0.0000%
FISCO	2.0000%	0.0000%	2.6939%	0.0000%	0.0000%	0.0000%
Glenda Richter	0.0000%	0.0000%	0.2318%	0.0000%	0.0000%	0.0000%
Highland (Texas) Energy Co	0.9904%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
HM Investments Ltd	0.5000%	0.0000%	0.6374%	0.0000%	0.0000%	0.0000%
Sealy Hutch Cavin	0.5000%	0.0000%	0.3350%	0.2500%	0.0000%	0.0000%
James Ralph Wood Jr Revocable Trust	0.5000%	0.0000%	0.6699%	0.0000%	0.0000%	0.0000%
Jamie Dennis	0.1250%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Jane S. Grimshaw	0.1250%	0.0000%	0.1675%	0.1250%	0.0000%	0.0000%
Jeanne Lea Miller	0.1667%	0.0000%	0.0670%	0.0000%	0.0000%	0.0000%
Joann E Jensen Family Trust	0.0000%	0.0000%	0.0000%	2.0000%	0.0000%	0.0000%
John T and Marion V Turner Revocable Trust	0.0000%	0.0000%	0.0000%	0.5000%	0.0000%	0.0000%
Justin McKelvy Miller	0.0000%	0.0000%	0.0670%	0.0000%	0.0000%	0.0000%
Laura K Read LLC and its successors	0.1250%	0.0000%	1.0000%	1.5000%	0.0000%	0.0000%
Lincoln Oil and Gas	0.4952%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Loveless land Holdings LLC	0.5000%	0.0000%	0.6536%	0.0000%	0.0000%	0.0000%
Marion T Turner, Trustee	0.1667%	0.0000%	0.0000%	0.3762%	0.0000%	0.0000%
Marjorie C Echols (aka Marjorie Echols Jones)	0.2500%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
MRC Permian Co.	6.0000%	0.0000%	4.0142%	3.0000%	0.0000%	0.0000%
NL Stevens III	1.0000%	0.0000%	1.1449%	0.0000%	0.0000%	0.0000%
Pat Pruitt	0.1250%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Paul Seegers et ux	0.0000%	0.0000%	0.0450%	0.0000%	0.0000%	0.0000%
PBEX, LLC	0.2500%	0.0000%	0.3350%	0.2500%	0.0000%	0.0000%
Prospector, LLC	0.0000%	0.0000%	0.2500%	0.5000%	0.0000%	0.0000%
Read & Stevens	23.8490%	100.0000%	45.1390%	42.4591%	100.0000%	
Read & Stevens Employee benefit plan	0.0000%	0.0000%	5.0000%	2.0000%	0.0000%	0.0000%
Sandstone Properties	3.5000%	0.0000%	4.2262%	0.0000%	0.0000%	0.0000%
Scott B. Miller - Separate Property	0.1667%	0.0000%	0.0670%	0.0000%	0.0000%	0.0000%
Scott Miller - Community Property	0.0000%	0.0000%	0.1117%	0.0000%	0.0000%	0.0000%
Seegers Drilling Co	2.0000%	0.0000%	0.0000%	2.0000%	0.0000%	0.0000%
Sharron Stone Trollinger Trust	1.0000%	0.0000%	0.0000%	1.0000%	0.0000%	0.0000%
Sisk Charitable Trust	1.0000%	0.0000%	1.1765%	0.0000%	0.0000%	0.0000%
SNS Oil and Gas Prop	1.1107%	0.0000%	0.0000%	0.5882%	0.0000%	0.0000%
Stevens Oil and Gas, LLC	0.5000%	0.0000%	13.9366%	0.0000%	0.0000%	0.0000%
Sunburst	0.0000%	0.0000%	0.0000%	6.0000%	0.0000%	0.0000%
Thomas and Carolyn Beall	1.0459%	0.0000%	0.9993%	0.4853%	0.0000%	0.0000%
Tierra Encantana	1.0000%	0.0000%	1.0250%	0.0000%	0.0000%	0.0000%
Turner Royalties	0.5000%	0.0000%	0.6699%	0.0000%	0.0000%	0.0000%
Union Hill Oil and Gas	1.0000%	0.0000%	1.2749%	1.0000%	0.0000%	0.0000%
Wesley Merrick Miller	0.0000%	0.0000%	0.0670%	0.0000%	0.0000%	0.0000%
Westway Petro Four	2.7000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
David Stevens	TBD - Title	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Richardson Oil Company	TBD - Title	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%

Unit Capitation on Next Page

Land Exhibit: Ridder Federal Com 111H-114H, 121H-128H

All of Sections 3 and 10, T20S-R34E, Lea Co., NM

Unit Capitulation	
Owner	WI
Abby Corporation	3.288859%
Adreana Miller Bunnett - Community Property	0.026613%
Adreana Miller Bunnett - Separate Property	0.057531%
Advance Energy Partners Hat Mesa LLC	1.590698%
B&N Energy, LLC	0.570976%
Bernhardt Oil Corp	2.740414%
Carolyn J Chester, Trustee of the Carolyn J Chester Trust dated 8/11/1995	0.218237%
CBR Oil Properties	3.718003%
Chevron	4.160150%
Citation 1987-II Investment LP	5.610973%
Cross-N-Oil Co	1.257871%
David K Henderson	0.031172%
Diamond Star Production Co. LLC	0.531117%
Estate of Lewis MacNaughton	0.687861%
Estate of Marion K Calvin - Candace McClelland	0.134863%
Estate of William Read and its successors	0.271325%
First Century	3.168839%
FISCO	1.263946%
Glenda Richter	0.037606%
Highland (Texas) Energy Co	0.155860%
HM Investments Ltd	0.277505%
James Ralph Wood Jr Revocable Trust	0.267862%
Jamie Dennis	0.015586%
Jane S. Grimshaw	0.007793%
Jeanne Lea Miller	0.041563%
Joann E Jensen Family Trust	0.440228%
John T and Marion V Turner Revocable Trust	0.110050%
Justin McKelvy Miller	0.015968%
Laura K Read LLC and its successors	0.435376%
Lincoln Oil and Gas	0.263766%
Loveless land Holdings LLC	0.343273%
Marion T Turner	0.002805%
Marjorie C Echols (aka Marjorie Echols Jones)	0.084364%
MRC Permian Co.	2.739501%
NL Stevens III	0.646284%
Pat Pruitt	0.015586%
Paul Seegers et ux	0.011213%
PBEX, LLC	0.228391%
Prospector, LLC	0.145125%
Read & Stevens Employee benefit plan	0.440228%
Read & Stevens	47.197114%
Sandstone Properties	2.315498%
Scott B. Miller - Separate Property	0.057531%
Scott Miller - Community Property	0.029163%
Sealy Hutch Calvin	0.321896%
Seegers Drilling Co	1.232922%
Sharron Stone Trollinger Trust	0.621803%
Sisk Charitable Trust	0.667456%
SNS Oil and Gas Prop	0.583486%
Stevens Oil and Gas, LLC	5.601097%
Sunburst	1.320683%
Thomas and Carolyn Beall	0.645036%
Tierra Encantana	0.436154%
Turner Royalties	0.343903%
Union Hill Oil and Gas	0.899844%
Wesley Merrick Miller	0.015968%
Westway Petro Four	1.065584%
David Stevens	TBD - Title
Richardson Oil Company	TBD - Title



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

OFFICE 432.695.4222
FAX 432.695.4063

February 17, 2023

Via Certified Mail

Abby Corporation
145 Ocean Pines Terrace
Jupiter, Florida 33477

RE: Riddler 3-10 Federal Com & Riddler 10 Federal Com – Well Proposals
Sections 3 & 10, T20S-R34E
Lea County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC, as operator for Read & Stevens, Inc. ("Permian"), hereby proposes the drilling and completion of the following seventeen (17) wells, the Riddler 3-10 and Riddler 10 Federal Com wells at approximate locations within Township 20 South, Range 34 East:

1. Riddler 3-10 Federal Com 111H – Northwest Pad

SHL: 280' FNL & 1,560' FWL (or at a legal location within Lot 3) of Section 3
BHL: 10' FSL & 330' FWL of Section 10
FTP: 100' FNL & 330' FWL of Section 3
LTP: 100' FSL & 330' FWL of Section 10
TVD: Approximately 9,625'
TMD: Approximately 19,910'
Proration Unit: Lot 4, SWNW, W2SW of Section 3 and W2W2 of 10 of T20S-R34E
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

2. Riddler 3-10 Federal Com 112H – Northwest Pad

SHL: 280' FNL & 1,650' FWL (or at a legal location within Lot 3) of Section 3
BHL: 10' FSL & 1,650' FWL of Section 10
FTP: 100' FNL & 1,650' FWL of Section 3
LTP: 100' FSL & 1,650' FWL of Section 10
TVD: Approximately 9,625'
TMD: Approximately 19,910'
Proration Unit: Lot 3, SENW, E2SW of Section 3 and E2W2 of 10 of T20S-R34E
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

3. Riddler 3-10 Federal Com 113H – Northeast Pad

SHL: 250' FNL & 1,030' FEL (or at a legal location within Lot 1) of Section 3
BHL: 10' FSL & 2,310' FEL of Section 10
FTP: 100' FNL & 2,310' FEL of Section 3
LTP: 100' FSL & 2,310' FEL of Section 10
TVD: Approximately 9,645'
TMD: Approximately 19,930'
Proration Unit: Lot 2, SWNE, W2SE of Section 3 and W2E2 of 10 of T20S-R34E
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A-4
Submitted by: Read & Stevens, Inc.
Hearing Date: June 1, 2023
Case No. 23524

4. Riddler 3-10 Federal Com 114H – Northeast Pad

SHL: 250' FNL & 997' FEL (or at a legal location within Lot 1) of Section 3
BHL: 10' FSL & 990' FEL of Section 10
FTP: 100' FNL & 990' FEL of Section 3
LTP: 100' FSL & 990' FEL of Section 10
TVD: Approximately 9,645'
TMD: Approximately 19,930'
Proration Unit: Lot 1, SENE, E2SE of Section 3 and E2E2 of 10 of T20S-R34E
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

5. Riddler 3-10 Federal Com 121H – Northwest Pad

SHL: 280' FNL & 1,626' FWL (or at a legal location within Lot 3) of Section 3
BHL: 10' FSL & 330' FWL of Section 10
FTP: 100' FNL & 330' FWL of Section 3
LTP: 100' FSL & 330' FWL of Section 10
TVD: Approximately 10,350'
TMD: Approximately 20,635'
Proration Unit: Lot 4, SWNW, W2SW of Section 3 and W2W2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

6. Ridder 3-10 Federal Com 122H – Northwest Pad

SHL: 280' FNL & 1,659' FWL (or at a legal location within Lot 3) of Section 3
BHL: 10' FSL & 990' FWL of Section 10
FTP: 100' FNL & 990' FWL of Section 3
LTP: 100' FSL & 990' FWL of Section 10
TVD: Approximately 10,000'
TMD: Approximately 20,285'
Proration Unit: Lot 4, SWNW, W2SW of Section 3 and W2W2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

7. Ridder 3-10 Federal Com 123H – Northwest Pad

SHL: 280' FNL & 1,692' FWL (or at a legal location within Lot 3) of Section 3
BHL: 10' FSL & 1,650' FWL of Section 10
FTP: 100' FNL & 1,650' FWL of Section 3
LTP: 100' FSL & 1,650' FWL of Section 10
TVD: Approximately 10,360'
TMD: Approximately 20,655'
Proration Unit: Lot 3, SENW, E2SW of Section 3 and E2W2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

8. Ridder 3-10 Federal Com 124H – Northwest Pad

SHL: 280' FNL & 1,725' FWL (or at a legal location within Lot 3) of Section 3
BHL: 10' FSL & 2,310' FWL of Section 10
FTP: 100' FNL & 2,310' FWL of Section 3
LTP: 100' FSL & 2,310' FWL of Section 10
TVD: Approximately 10,015'
TMD: Approximately 20,300'
Proration Unit: Lot 3, SENW, E2SW of Section 3 and E2W2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

9. Ridder 3-10 Federal Com 125H – Northeast Pad

SHL: 250' FNL & 964' FEL (or at a legal location within Lot 1) of Section 3
BHL: 10' FSL & 2,310' FEL of Section 10
FTP: 100' FNL & 2,310' FEL of Section 3
LTP: 100' FSL & 2,310' FEL of Section 10
TVD: Approximately 10,370'
TMD: Approximately 20,655'
Proration Unit: Lot 2, SWNE, W2SE of Section 3 and W2E2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

10. Ridder 3-10 Federal Com 126H – Northeast Pad

SHL: 250' FNL & 931' FEL (or at a legal location within Lot 1) of Section 3
BHL: 10' FSL & 1,650' FEL of Section 10
FTP: 100' FNL & 1,650' FEL of Section 3
LTP: 100' FSL & 1,650' FEL of Section 10
TVD: Approximately 10,045'
TMD: Approximately 20,330'
Proration Unit: Lot 2, SWNE, W2SE of Section 3 and W2E2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

11. Ridder 3-10 Federal Com 127H – Northeast Pad

SHL: 250' FNL & 898' FEL (or at a legal location within Lot 1) of Section 3
BHL: 10' FSL & 990' FEL of Section 10
FTP: 100' FNL & 990' FEL of Section 3
LTP: 100' FSL & 990' FEL of Section 10
TVD: Approximately 10,390'
TMD: Approximately 20,675'
Proration Unit: Lot 1, SENE, E2SE of Section 3 and E2E2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

12. Ridder 3-10 Federal Com 128H – Northeast Pad

SHL: 250' FNL & 865' FEL (or at a legal location within Lot 1) of Section 3
BHL: 10' FSL & 330' FEL of Section 10
FTP: 100' FNL & 330' FEL of Section 3
LTP: 100' FSL & 330' FEL of Section 10
TVD: Approximately 10,045'
TMD: Approximately 20,330'
Proration Unit: Lot 1, SENE, E2SE of Section 3 and E2E2 of 10 of T20S-R34E
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

13. Ridder 10 Federal Com 171H – South Pad

SHL: 185' FNL & 540' FWL (or at a legal location within unit letter D) of Section 10
BHL: 10' FSL & 990' FWL of Section 10
FTP: 100' FNL & 990' FWL of Section 10
LTP: 100' FSL & 990' FWL of Section 10
TVD: Approximately 10,505'
TMD: Approximately 15,790'
Proration Unit: W2W2 of Section 10 of T20S-R34E
Targeted Interval: 3rd Bone Spring Carb (Harkey)
Total Cost: See attached AFE

14. Ridder 10 Federal Com 172H – South Pad

SHL: 185' FNL & 672' FWL (or at a legal location within unit letter D) of Section 10
BHL: 10' FSL & 2,310' FWL of Section 10
FTP: 100' FNL & 2,310' FWL of Section 10
LTP: 100' FSL & 2,310' FWL of Section 10
TVD: Approximately 10,505'
TMD: Approximately 15,790'
Proration Unit: E2W2 of Section 10 of T20S-R34E
Targeted Interval: 3rd Bone Spring Carb (Harkey)
Total Cost: See attached AFE

15. Ridder 10 Federal Com 131H – South Pad

SHL: 185' FNL & 573' FWL (or at a legal location within unit letter D) of Section 10
BHL: 10' FSL & 330' FWL of Section 10
FTP: 100' FNL & 330' FWL of Section 10
LTP: 100' FSL & 330' FWL of Section 10
TVD: Approximately 10,910'
TMD: Approximately 16,195'
Proration Unit: W2W2 of Section 10 of T20S-R34E
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

16. Ridder 10 Federal Com 132H – South Pad

SHL: 185' FNL & 639' FWL (or at a legal location within unit letter D) of Section 10
BHL: 10' FSL & 1,650' FWL of Section 10
FTP: 100' FNL & 1,650' FWL of Section 10
LTP: 100' FSL & 1,650' FWL of Section 10
TVD: Approximately 10,910'
TMD: Approximately 16,195'
Proration Unit: E2W2 of Section 10 of T20S-R34E
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

17. Ridder 10 Federal Com 201H – South Pad

SHL: 185' FNL & 606' FWL (or at a legal location within unit letter D) of Section 10
BHL: 10' FSL & 990' FWL of Section 10
FTP: 100' FNL & 990' FWL of Section 10
LTP: 100' FSL & 990' FWL of Section 10
TVD: Approximately 10,980'
TMD: Approximately 16,265'
Proration Unit: W2W2 of Section 10 of T20S-R34E
Targeted Interval: Wolfcamp XY
Total Cost: See attached AFE

[Continued on Next Page]

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

Note that communitization agreements for each spacing unit shall be sent in a separate mailing.

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

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

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

Respectfully,



Travis Macha
Senior Landman

Enclosures

[Elections on page to follow]

Riddler Federal Com Elections:

Well Elections:		
<i>(Please indicate your responses in the spaces below)</i>		
Well(s)	Elect to Participate	Elect to <u>NOT</u> Participate
Riddler 3-10 Federal Com 111H		
Riddler 3-10 Federal Com 112H		
Riddler 3-10 Federal Com 113H		
Riddler 3-10 Federal Com 114H		
Riddler 3-10 Federal Com 121H		
Riddler 3-10 Federal Com 122H		
Riddler 3-10 Federal Com 123H		
Riddler 3-10 Federal Com 124H		
Riddler 3-10 Federal Com 125H		
Riddler 3-10 Federal Com 126H		
Riddler 3-10 Federal Com 127H		
Riddler 3-10 Federal Com 128H		
Riddler 10 Federal Com 171H		
Riddler 10 Federal Com 172H		
Riddler 10 Federal Com 131H		
Riddler 10 Federal Com 132H		
Riddler 10 Federal Com 201H		

Company Name (If Applicable):

By: _____

Printed Name: _____

Date: _____

Permian Resources Operating, LLC

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

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	2.17.2023	AFE NO.:	1
WELL NAME:	Riddler 3-10 Federal Com 111H	FIELD:	Teas; Bone Spring
LOCATION:	Section 3, T20S-R34E	MD/IVD:	19,910' / 9,625'
COUNTY/STATE:	Lea County, New Mexico	LATERAL LENGTH:	10,000'
Permian WI:		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	FBSG	COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal FBSG 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	\$ 52,768	-	37,500	\$ 90,268
2 Location, Surveys & Damages	257,363	16,141	2,500	276,003
4 Freight / Transportation	42,549	39,110	25,000	106,660
5 Rental - Surface Equipment	111,070	192,448	105,000	408,518
6 Rental - Downhole Equipment	183,520	53,429	-	236,949
7 Rental - Living Quarters	42,956	48,671	-	91,627
10 Directional Drilling, Surveys	383,743	-	-	383,743
11 Drilling	673,443	-	-	673,443
12 Drill Bits	89,495	-	-	89,495
13 Fuel & Power	168,789	647,751	-	816,540
14 Cementing & Float Equip	217,354	-	-	217,354
15 Completion Unit, Swab, CTU	-	-	15,000	15,000
16 Perforating, Wireline, Slickline	-	351,218	-	351,218
17 High Pressure Pump Truck	-	110,130	-	110,130
18 Completion Unit, Swab, CTU	-	130,865	-	130,865
20 Mud Circulation System	93,991	-	-	93,991
21 Mud Logging	15,660	-	-	15,660
22 Logging / Formation Evaluation	6,495	7,450	-	13,944
23 Mud & Chemicals	323,254	391,463	10,000	724,717
24 Water	38,825	591,078	225,000	854,903
25 Stimulation	-	727,236	-	727,236
26 Stimulation Flowback & Disp	-	108,640	150,000	258,640
28 Mud / Wastewater Disposal	172,514	54,630	-	227,144
30 Rig Supervision / Engineering	108,273	119,194	21,667	249,134
32 Drlg & Completion Overhead	9,312	-	-	9,312
35 Labor	137,006	62,080	101,667	300,753
54 Proppant	-	1,121,387	-	1,121,387
95 Insurance	13,096	-	-	13,096
97 Contingency	-	21,817	3,833	25,650
99 Plugging & Abandonment	-	-	-	-
TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,379

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$ 109,201	-	-	\$ 109,201
61 Intermediate Casing	307,574	-	-	307,574
62 Drilling Liner	-	-	-	-
63 Production Casing	613,783	-	-	613,783
64 Production Liner	-	-	-	-
65 Tubing	-	-	140,000	140,000
66 Wellhead	57,908	-	40,000	97,908
67 Packers, Liner Hangers	13,161	-	20,000	33,161
68 Tanks	-	-	45,833	45,833
69 Production Vessels	-	-	126,667	126,667
70 Flow Lines	-	-	66,667	66,667
71 Rod string	-	-	-	-
72 Artificial Lift Equipment	-	-	90,000	90,000
73 Compressor	-	-	5,833	5,833
74 Installation Costs	-	-	-	-
75 Surface Pumps	-	-	61,667	61,667
76 Downhole Pumps	-	-	-	-
77 Measurement & Meter Installation	-	-	116,667	116,667
78 Gas Conditioning / Dehydration	-	-	-	-
79 Interconnecting Facility Piping	-	-	20,000	20,000
80 Gathering / Bulk Lines	-	-	-	-
81 Valves, Dumps, Controllers	-	-	108,333	108,333
82 Tank / Facility Containment	-	-	43,333	43,333
83 Flare Stack	-	-	16,667	16,667
84 Electrical / Grounding	-	-	50,000	50,000
85 Communications / SCADA	-	-	36,667	36,667
86 Instrumentation / Safety	-	-	853	853
TOTAL TANGIBLES >	1,101,627	0	989,187	2,090,814
TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,193

PREPARED BY Permian Resources Operating, LLC:

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

Permian Resources Operating, LLC APPROVAL:

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

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:	2.17.2023	AFE NO.:	1
WELL NAME:	Riddler 3-10 Federal Com 121H	FIELD:	Teas; Bone Spring
LOCATION:	Section 3, T20S-R34E	MD/IVD:	20,635' / 10,350'
COUNTY/STATE:	Lea County, New Mexico	LATERAL LENGTH:	10,000'
Permian WI:		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG	COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal SBSG well and complete with 44 stages. AFE includes drilling, completions, flowback and Initial AL install cost		

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

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

PREPARED BY Permian Resources Operating, LLC:

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

Permian Resources Operating, LLC APPROVAL:

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

NON OPERATING PARTNER APPROVAL:

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

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

Permian Resources Operating, LLC

300 N. Marientfeld St., Ste. 1000 Midland, TX 79701

Phone (432) 695-4222 • Fax (432) 695-4063

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	2.17.2023	AFE NO.:	1
WELL NAME:	Riddler 3-10 Federal Com 122H	FIELD:	Teas; Bone Spring
LOCATION:	Section 3, T20S-R34E	MD/IVD:	20,285' / 10,000'
COUNTY/STATE:	Lea County, New Mexico	LATERAL LENGTH:	10,000'
Permian WI:		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG	COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal SBSG well and complete with 44 stages. AFE includes drilling, completions, flowback and Initial AL install cost		

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

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

PREPARED BY Permian Resources Operating, LLC:

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

Permian Resources Operating, LLC APPROVAL:

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

NON OPERATING PARTNER APPROVAL:

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

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

PERMIAN RESOURCES

Riddler 3-10 and 10 – Chronology of Communication

February 17, 2023 – Well proposals, JOAs sent out.

February 21, 2023 – Correspondence with SNS Oil & Gas

February 22, 2023 – Correspondence with Bean Family LP (PR later purchases)

February 23, 2023 – Correspondence with Sandstone Properties

February 23, 2023 – Correspondence with Prospector LLC

February 24, 2023 – Correspondence with Sisk Charitable Trust

February 27, 2023 – Correspondence with Prospector LLC

March 1, 2023 – Correspondence with Chevron

March 1, 2023 – Correspondence with Stauss/Keay Family (PR later purchases)

March 1 & 2, 2023 – Correspondence with Sisk Charitable Trust

March 6, 2023 – Correspondence with Chevron

March 7, 2023 – Correspondence with Loveless Land Holdings

March 8, 2023 – Correspondence with Seegers Drilling Co.

March 8, 2023 – Correspondence with High Divide LLC

March 9, 2023 – Correspondence with Sisk Charitable Trust

March 9, 2023 – Correspondence with Sharron Trollinger

March 9, 2023 – Correspondence with Jane Grimshaw

March 9, 2023 – Correspondence with PBEX

March 10, 2023 – Coms Sent

March 11, 2023 – Correspondence with Jane Grimshaw

March 13, 2023 – Correspondence with Bean Family LP (PR later purchases)

March 14, 2023 – Correspondence with Loveless Land Holdings

March 14, 2023 – Correspondence with DBH Partnership (PR later purchases)

March 17, 2023 – Correspondence with Pat Pruitt

March 17, 2023 – Correspondence with David Stevens

March 17, 2023 – Correspondence with Chevron

March 17, 2023 – Correspondence with Sealy Cavin

March 17, 2023 – Correspondence with Sunburst & CBR

March 19, 2023 – Correspondence with Stevens Oil & Gas, Larry Stevens, and FISCO

March 20, 2023 – Correspondence with DBH Partnership (PR later purchases)

March 22, 2023 – Correspondence with Chisholm Energy (Owned by Earthstone Energy)

March 22, 2023 – Correspondence with David Stevens

March 23, 2023 – Correspondence with Sandstone Properties

March 25, 2023 – Correspondence with Sisk Charitable Trust

March 27, 2023 – Correspondence with Chisholm Energy (Owned by Earthstone Energy)

March 28, 2023 - Correspondence with Weimer

March 30, 2023 – Correspondence with Sandstone Properties

April 11, 2023 – Correspondence with Bean Family LP (PR later purchases)

April 11, 2023 – Contacted Holland & Hart for pooling

April 11, 2023 – Correspondence with High Divide LLC

April 12, 2023 – Correspondence with SNS Oil & Gas

April 16, 2023 - Correspondence with Turner Royalties

April 25, 2023 - Correspondence with Highland (Texas)

April 26, 2023 – Correspondence with Sandstone Properties

April 29, 2023 – Correspondence with Stevens Oil & Gas, Larry Stevens, and FISCO

February 22-April 30 – Various phone calls with multiple a number of non-op owners

300 N. Marienfeld St., Suite 1000, Midland, Texas 79701
P: (432) 695-4222 | F: (432) 695-4063
www.ColgateEnergy.com

May 2 & 3, 2023 – Correspondence with Cross N Oil

May 9, 2023 – Correspondence with High Divide LLC

May 15, 2023 – Correspondence with Joseph Cox – Contractual interest

May 2023 – PR Closes on acquisition of NM Western, Bean Family LP, Keay/Strauss Family, DHB Partnership.

300 N. Marienfeld St., Suite 1000, Midland, Texas 79701
P: (432) 695-4222 | F: (432) 695-4063
www.ColgateEnergy.com

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

APPLICATIONS OF READ & STEVENS, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING
UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.

CASE NOS. 23524-23527

SELF-AFFIRMED STATEMENT OF IRA BRADFORD

1. My name is Ira Bradford. 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 petroleum geology matters. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
3. I am familiar with the applications filed by Read & Stevens, Inc. (“Read & Stevens”) in these cases, and I have conducted a geologic study of the lands in the subject area.
4. Read & Stevens has targeted the Bone Spring formation in these cases.
5. **Read & Stevens Exhibit B-1** is a regional locator map that identifies the Riddler 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.
6. **Read & Stevens Exhibit B-2** is a cross section location map for the proposed horizontal spacing units (“units”) within the Bone Spring formation. The approximate locations of the proposed units are outlined in blue. Existing producing wells in the targeted intervals are represented by solid lines. This map identifies the cross-section

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B
Submitted by: Read & Stevens, Inc.
Hearing Date: June 1, 2023
Case No. 23524

running from A-A' with the cross-section well names and a black line in proximity to the proposed wells.

7. **Read & Stevens Exhibit B-3** is a subsea structure map that I prepared for the First Bone Spring Sand formation, with a contour interval of 50 feet. The structure map shows the Bone Spring gently dipping to the Southeast. The Bone Spring structure appears consistent across the wellbore paths. I do not observe any faulting, pinchouts, or other geologic impediments in the spacing units. This map also shows the relative location of the four proposed First Bone Spring Sand wells as dashed green lines, as well as the offset producers as solid green lines.

8. **Read & Stevens Exhibit B-4** is a subsea structure map that I prepared for the Second Bone Spring Sand formation, with a contour interval of 50 feet. The structure map shows the Bone Spring gently dipping to the Southeast. The Bone Spring structure appears consistent across the wellbore paths. I do not observe any faulting, pinchouts, or other geologic impediments in the spacing units. This map also shows the relative location of the eight proposed Second Bone Spring Sand wells as dashed orange lines, as well as the offset producers as solid orange lines.

9. **Read & Stevens Exhibit B-5** 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 target intervals are labeled and marked. The logs in the cross-section demonstrate that the interval is continuous across each spacing unit.

10. **Read & Stevens Exhibit B-6** is a gun-barrel diagram showing the proposed development of the First Bone Spring Sand and Second Bone Spring Sand in the Riddler 3-10 Fed Com Unit with the individual pooled units outlined in blue.

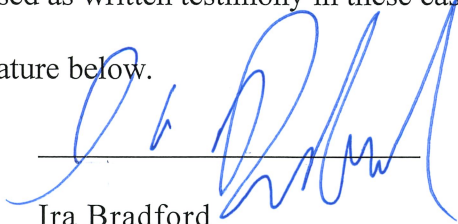
11. In my opinion, standup orientation of the proposed wells is the appropriate orientation for horizontal well development in this area because it is near perpendicular to the maximum horizontal stress of the area.

12. 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 units will contribute more-or-less equally to the production from the wellbores. I have not identified any geologic impediments to drilling horizontal wells in the area of the spacing unit proposed.

13. 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 Read & Stevens's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

14. **Read & Stevens Exhibits B-1 through B-6** were either prepared by me or compiled under my direction and supervision.

15. 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 these cases. This statement is made on the date next to my signature below.



Ira Bradford

5/26/2023

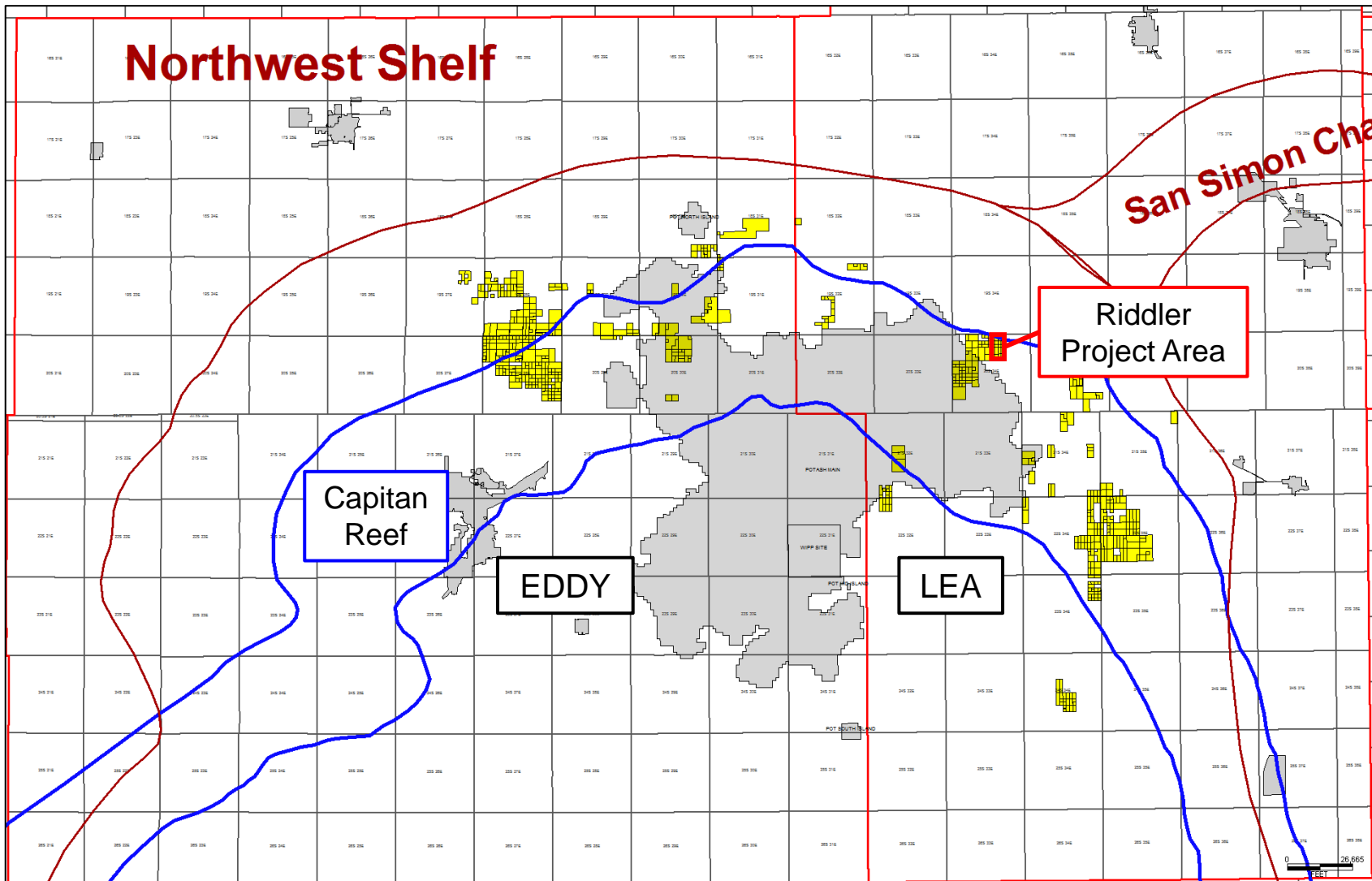
Date



Exhibit B-1

Regional Locator Map

Riddler 3-10 Fed Com



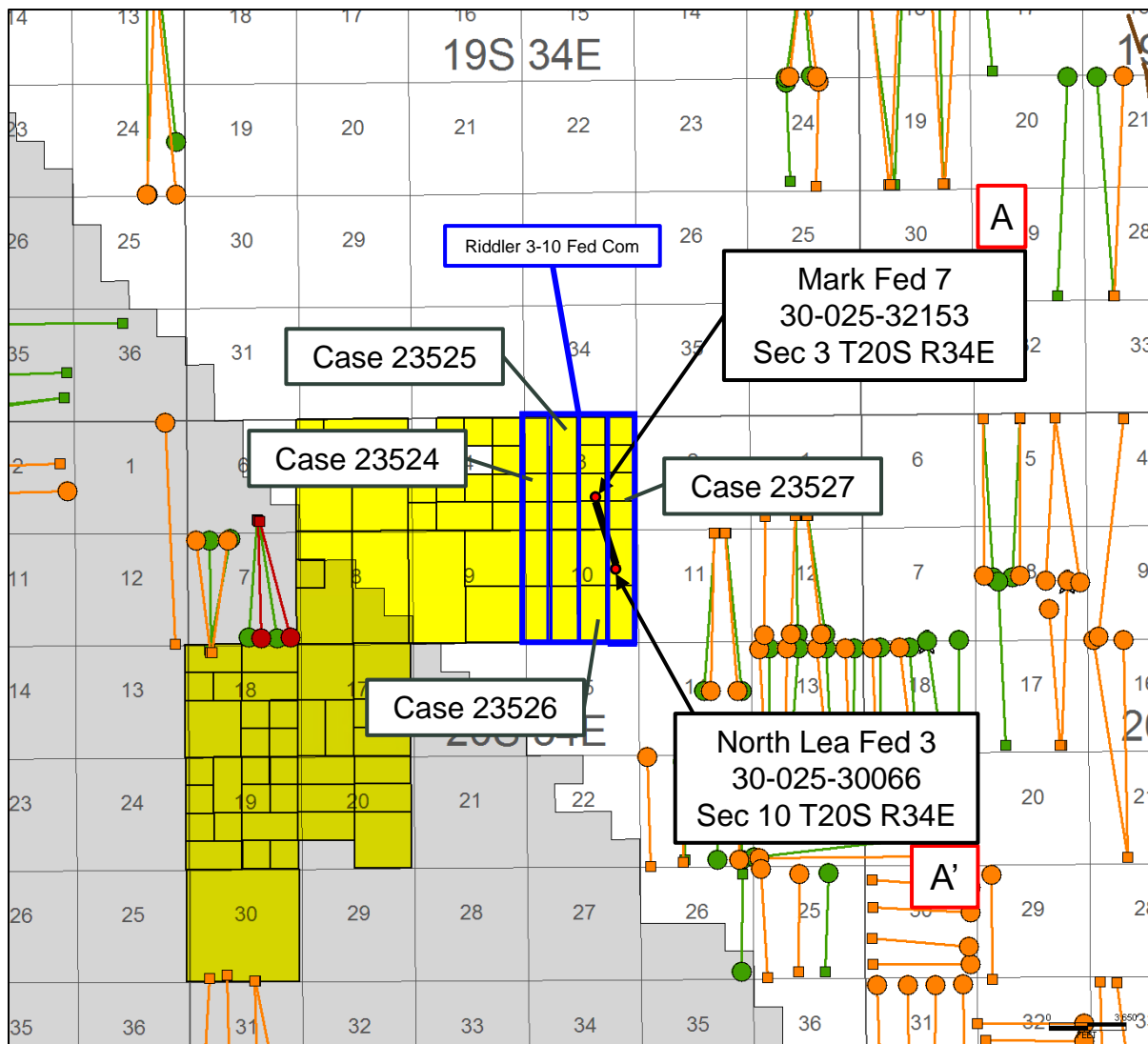
Permian Resources

Exhibit B-2



Cross-Section Locator Map

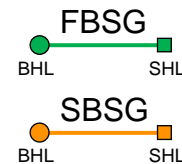
Riddler 3-10 Fed Com



Permian Resources



Producing Wells

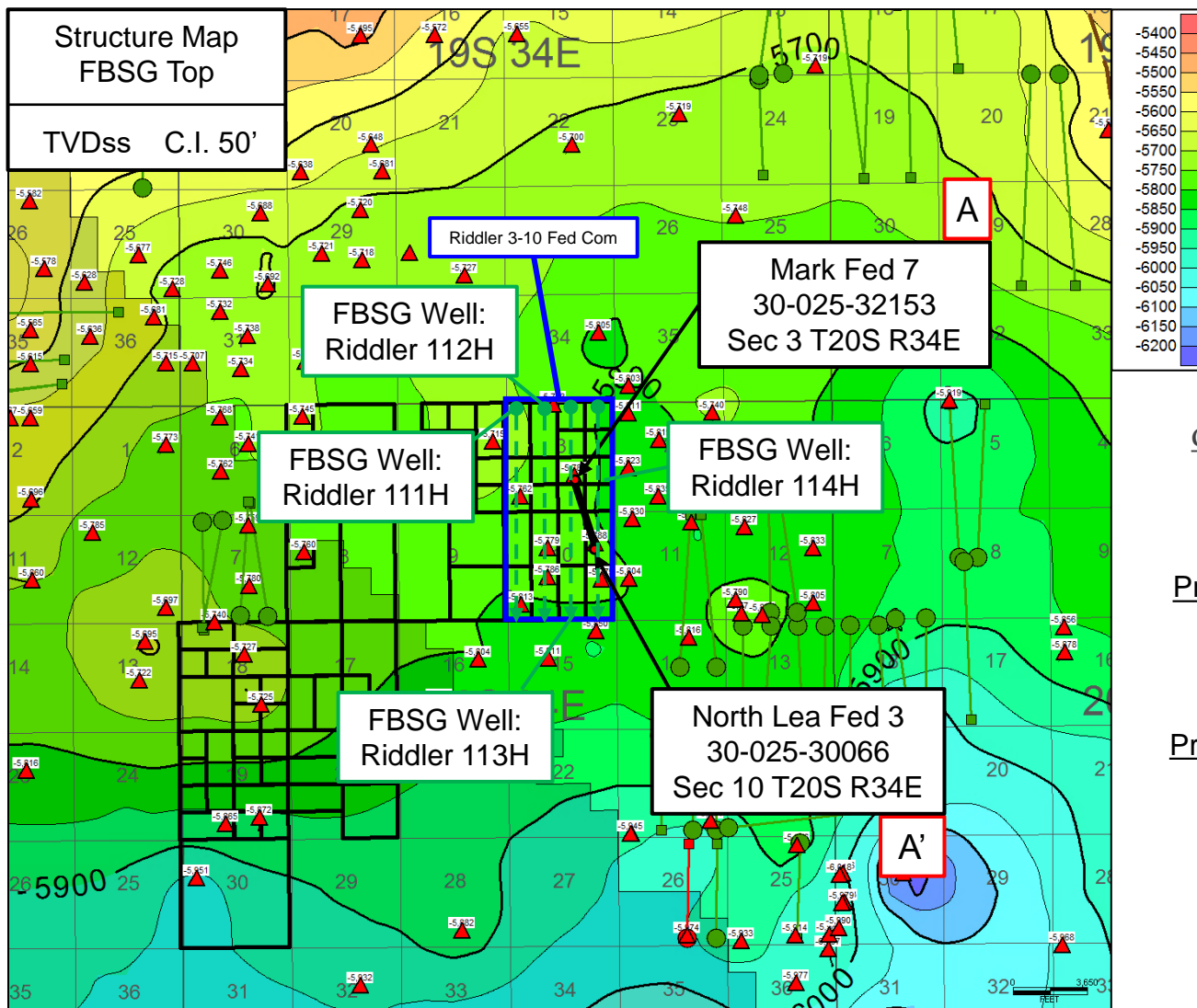




First Bone Spring – Structure Map

Riddler 3-10 Fed Com

Exhibit B-3



Permian Resources

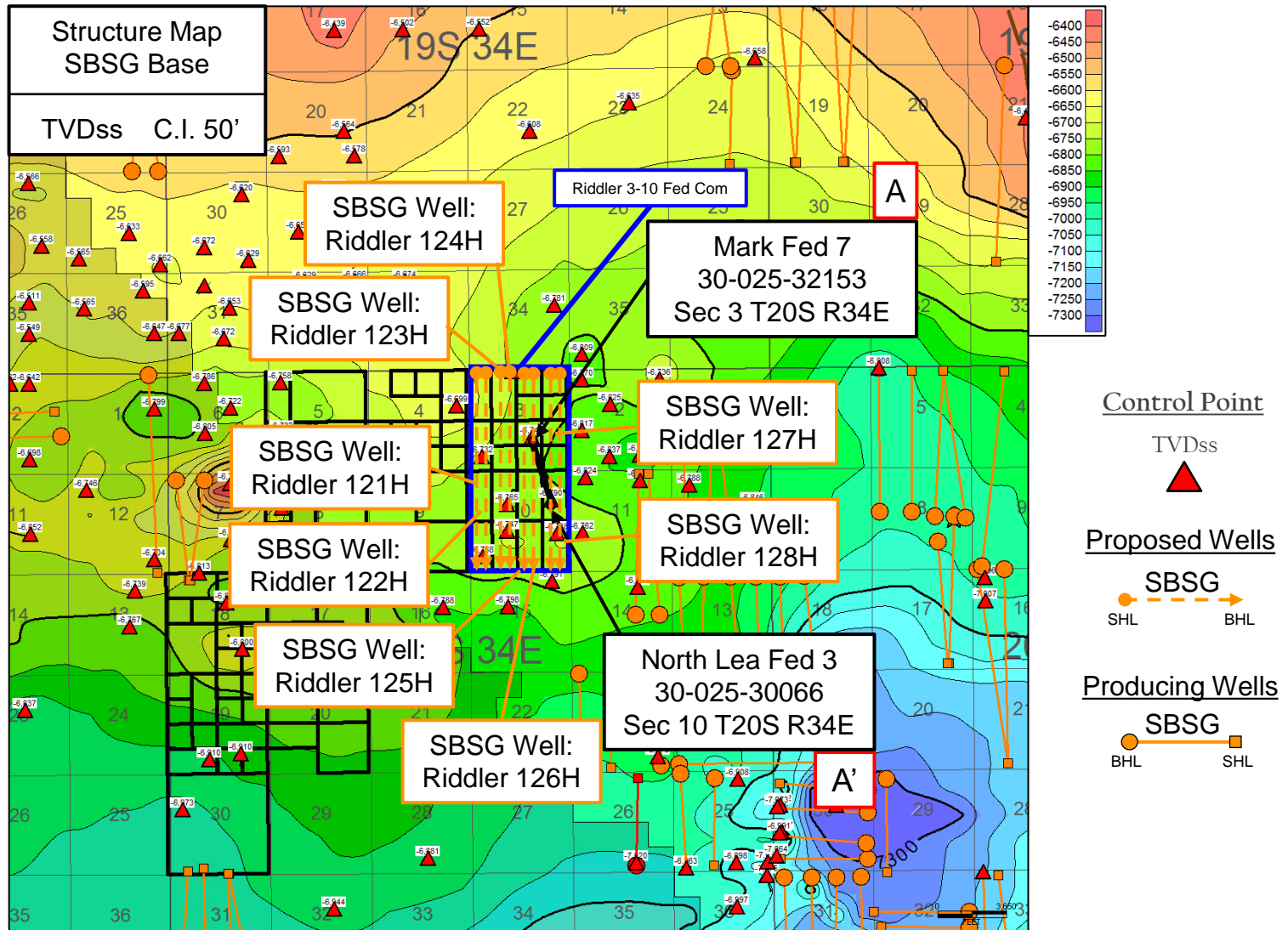




Exhibit B-4

Second Bone Spring – Structure Map

Riddler 3-10 Fed Com



Permian Resources



Stratigraphic Cross-Section A-A'

Riddler 3-10 Fed Com

Santa Fe, New Mexico

Exhibit No. B-5

Submitted by: Read & Stevens, Inc.

Hearing Date: June 1, 2023

Case No. 23524

Exhibit B-5

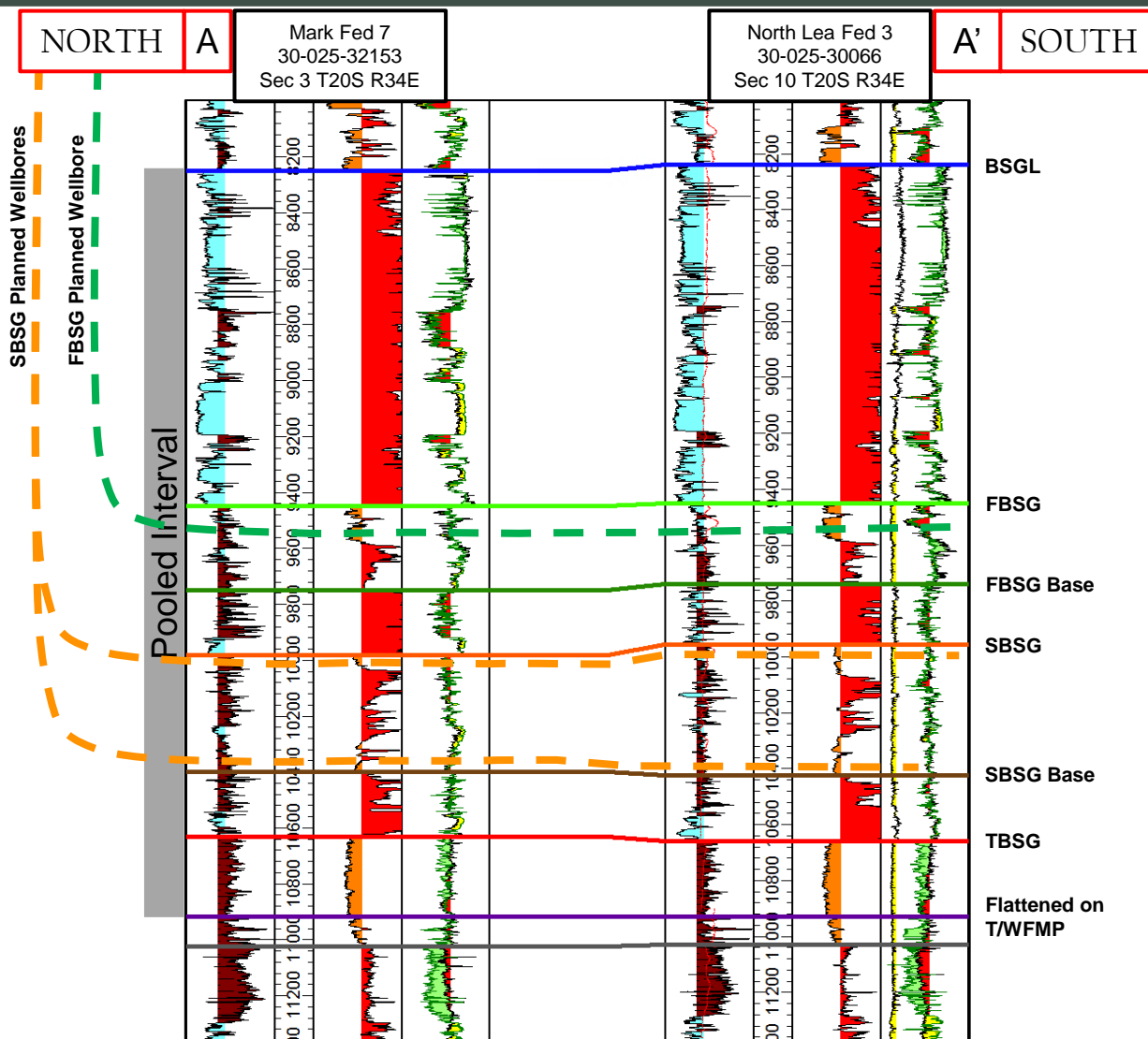
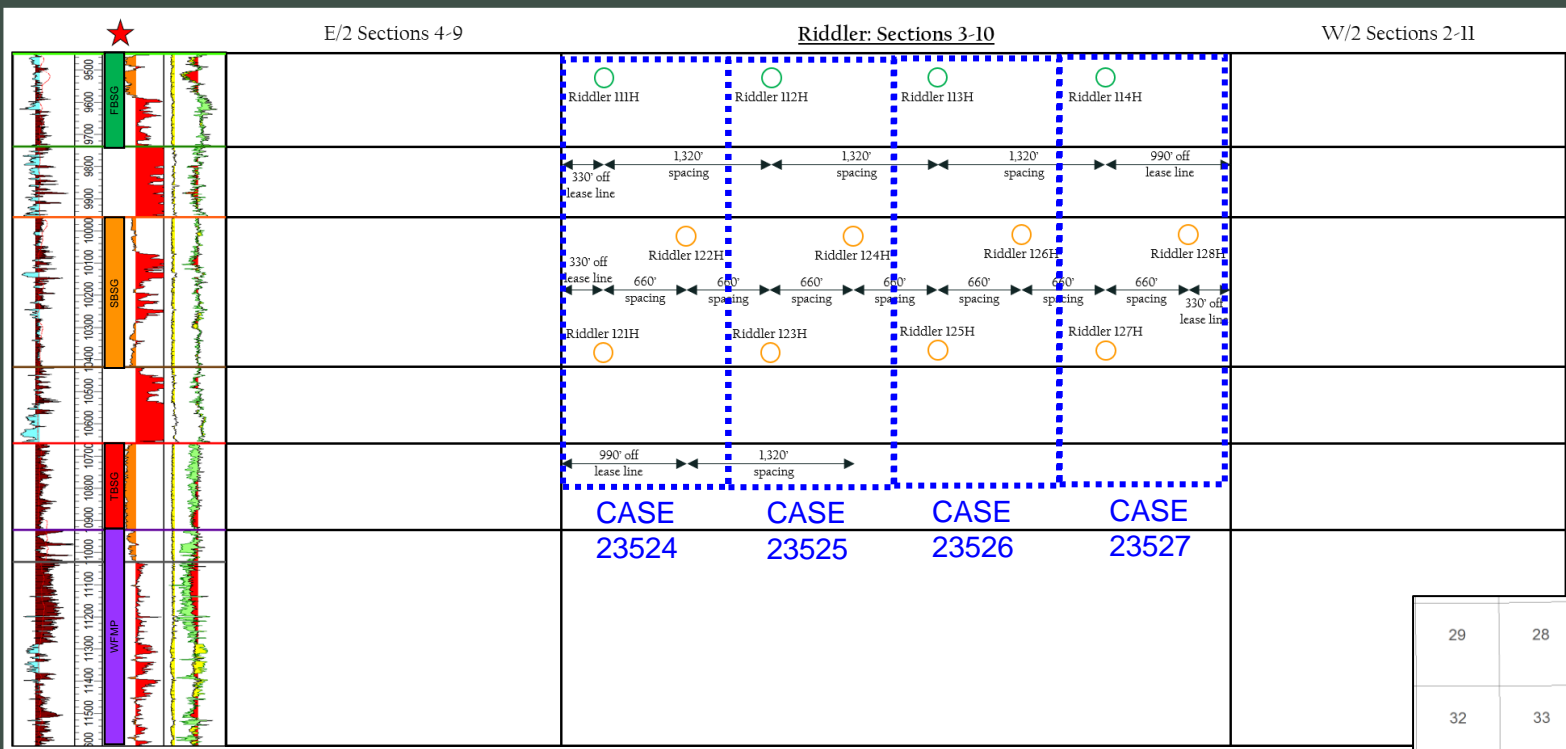




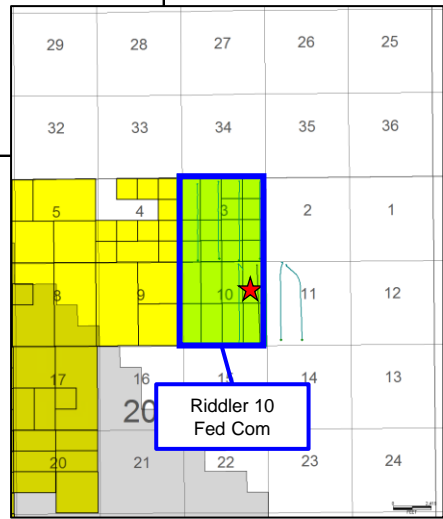
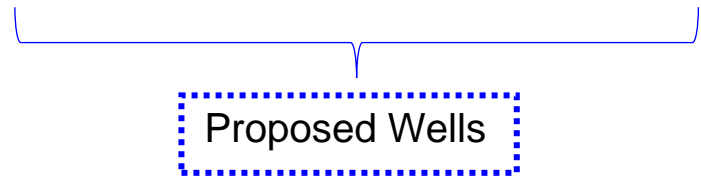
Exhibit B-6

Gun Barrel Development Plan

Riddler 3-10 Fed Com



30-025-30066



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

**APPLICATION OF READ & STEVENS, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING
UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 23524

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

1. I am attorney in fact and authorized representative of Read & Stevens, Inc., (“Read & Stevens”), 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 affected parties on the date set forth in the letter attached hereto.

3. The spreadsheet attached hereto contains the names 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 May 24, 2023.

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 publication is attached as Exhibit D.

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.

**BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: Read & Stevens, Inc.
Hearing Date: June 1, 2023
Case No. 23524**



Paula M. Vance

5/30/2023

Date



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

May 12, 2023

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND ALL WORKING INTEREST OWNERS AFFECTED BY THE PROPOSED OVERLAPPING SPACING UNIT

Re: Application of Read & Stevens, Inc. for Approval of an Overlapping Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico: Riddler 3-10 Federal Com #111H, #121H & #122H wells

Ladies & Gentlemen:

This letter is to advise you that Read & Stevens, Inc. has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on June 1, 2023, and the status of the hearing can be monitored through the Division’s website at <https://www.emnrd.nm.gov/ocd/>.

The hearing will be conducted on June 1, 2023, beginning at 8:15 a.m. Due to ongoing construction and associated space limitations at the Wendell Chino Building, Parties, Counsel for Parties, and the public are encouraged to attend/participate via the Webex Meeting platform. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. 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 Travis Macha at (432) 400-1037 or travis.macha@permianres.com.

Sincerely,

Paula M. Vance
ATTORNEY FOR READ & STEVENS, INC.

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

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

Permian - Riddler wells
Case No 23524 Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
9414811898765424680337	Sunburst Energy, LLC	400 N Pennsylvania Ave Ste 1000	Roswell	NM	88201-4780	Your item was delivered to the front desk, reception area, or mail room at 12:26 pm on May 15, 2023 in ROSWELL, NM 88201.
9414811898765424680344	Joann E. Jensen Family Trust	1702 NW Ridge Rd	Ankeny	IA	50023-6704	Your item was delivered to an individual at the address at 11:51 am on May 16, 2023 in ANKENY, IA 50023.
9414811898765424680399	Chevron U.S.A., Inc.	6301 Deauville	Midland	TX	79706-2964	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680320	Western Oil Company, Inc.	1762 Queens Hwy	Carlsbad	NM	88220-9476	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680368	Turner, Marion T.	21 Arroyo Hondo Trl	Santa Fe	NM	87508	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765424680351	Seegers, Paul	12720 Hillcrest Rd Ste 530	Dallas	TX	75230-2000	Your item was returned to the sender at 1:27 pm on May 16, 2023 in DALLAS, TX 75230 because the forwarding order for this address is no longer valid.
9414811898765424680313	Richter, Glenda L.	9 Willowood St	Dallas	TX	75205-3829	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680184	Prospector, LLC	PO Box 429	Roswell	NM	88202-0429	Your item was picked up at the post office at 9:47 am on May 16, 2023 in ROSWELL, NM 88201.
9414811898765424680146	High Divide, LLC	5750 Swiss Ave	Dallas	TX	75214-4637	Your item was picked up at the post office at 4:25 pm on May 16, 2023 in DALLAS, TX 75214.
9414811898765424680191	Cox, Joseph, et ux	1411 Churchill Ave	Wolfforth	TX	79382-3306	Your item was picked up at the post office at 9:36 am on May 16, 2023 in WOLFFORTH, TX 79382.
9414811898765424680108	Bunnett, Andrea Miller	4329 Glenwick Ln	Dallas	TX	75205-1034	Your item was delivered to an individual at the address at 4:34 pm on May 15, 2023 in DALLAS, TX 75205.
9414811898765424680122	Bowtie Slash Energy, Inc.	3140 Kessler Pl	Roswell	NM	88201	Your item was delivered to an individual at the address at 1:24 pm on May 15, 2023 in ROSWELL, NM 88201.
9414811898765424680160	Earthstone Permian LLC	1400 Woodloch Forest Dr Ste 300	The Wood	TX	77380-1197	Your item was delivered to an individual at the address at 1:31 pm on May 15, 2023 in SPRING, TX 77380.
9414811898765424680153	Beall, Thomas M. & Carolyn	PO Box 3098	Midland	TX	79702-3098	Your item was delivered at 1:37 pm on May 16, 2023 in MIDLAND, TX 79701.
9414811898765424680115	Wood Family Non-Exempt Trus FBO James Ralph Wood, III	7278 Lane Park Dr	Dallas	TX	75225-2470	Your item arrived at our USPS facility in OKLAHOMA CITY OK DISTRIBUTION CENTER on May 23, 2023 at 1:15 pm. The item is currently in transit to the destination.
9414811898765424680672	Weimer, Inc.	6842 N Baltusrol Ln	Charlotte	NC	28210-7364	Your item was delivered to an individual at the address at 1:17 pm on May 16, 2023 in CHARLOTTE, NC 28210.
9414811898765424680634	Union Hill Oil & Gas Co., Inc.	7712 Glenshannon Cir	Dallas	TX	75225-2054	Your item was delivered to an individual at the address at 4:17 pm on May 15, 2023 in DALLAS, TX 75225.
9414811898765424680689	Turner Royalties, LLC	1610 Wynkoop St Ste 200	Denver	CO	80202-1135	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680696	Turner Royalties, LLC	16A Brass Horse Rd	Santa Fe	NM	87508	Your item was delivered to an individual at the address at 1:32 pm on May 18, 2023 in SANTA FE, NM 87508.

Permian - Riddler wells
Case No 23524 Postal Delivery Report

9414811898765424680603	Tierra Encantada, LLC	PO Box 811	Roswell	NM	88202-0811	Your item was picked up at the post office at 12:01 pm on May 16, 2023 in ROSWELL, NM 88201.
9414811898765424680627	Stevens, N.L., III	1000 Louisiana St Ste 3400	Houston	TX	77002-5011	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680665	Stevens, David M.	400 N Pennsylvania Ave Ste 940	Roswell	NM	88201-4779	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680658	Stevens, David M.	3101 Diamond A Dr	Roswell	NM	88201-3420	Your item was delivered to an individual at the address at 1:52 pm on May 16, 2023 in ROSWELL, NM 88201.
9414811898765424680610	Stevens Oil & Gas, LLC	PO Box 3087	Roswell	NM	88202-3087	Your item was picked up at the post office at 1:43 pm on May 16, 2023 in ROSWELL, NM 88201.
9414811898765424680979	Sharron Stone Trollinger Trust	6026 Meadowcreek Dr	Dallas	TX	75248-5452	Your item was delivered to an individual at the address at 12:42 pm on May 16, 2023 in DALLAS, TX 75248.
9414811898765424680986	Seegers Drilling Company	12720 Hillcrest Rd Ste 530	Dallas	TX	75230-2000	Your item was returned to the sender at 1:27 pm on May 16, 2023 in DALLAS, TX 75230 because the forwarding order for this address is no longer valid.
9414811898765424680931	Seegers Drilling Company	14140 Midway Rd Ste 202	Dallas	TX	75244-3672	Your item was delivered to an individual at the address at 2:36 pm on May 16, 2023 in DALLAS, TX 75244.
9414811898765424680993	Sealy Hutchings Cavin, Inc.	PO Box 1125	Roswell	NM	88202-1125	Your item was picked up at the post office at 10:54 am on May 16, 2023 in ROSWELL, NM 88201.
9414811898765424680900	Sandstone Properties, LLC	200 3rd St NW	Albuquerque	NM	87102-3334	Your item was delivered to an individual at the address at 2:43 pm on May 15, 2023 in ALBUQUERQUE, NM 87102.
9414811898765424680924	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 12:26 pm on May 23, 2023 in ALBUQUERQUE, NM 87102.
9414811898765424680962	S.N.S. Oil & Gas Properties, Inc.	301 W Main St Ste 550	Ardmore	OK	73401-6325	Your item was delivered to the front desk, reception area, or mail room at 1:18 pm on May 16, 2023 in ARDMORE, OK 73401.
9414811898765424680917	S.N.S. Oil & Gas Properties, Inc.	PO Box 2234	Ardmore	OK	73402-2234	Your item was picked up at the post office at 10:34 am on May 15, 2023 in ARDMORE, OK 73401.
9414811898765424680771	Richardson Oil Company, LLC	11886 Greenville Ave Ste 106	Dallas	TX	75243-3569	Your item has been delivered to an agent for final delivery in DALLAS, TX 75243 on May 15, 2023 at 2:14 pm.
9414811898765424680733	Pruitt, Pat	PO Box 3422	Roswell	NM	88202-3422	This is a reminder to pick up your item before May 29, 2023 or your item will be returned on May 30, 2023. Please pick up the item at the ROSWELL, NM 88202 Post Office.
9414811898765424680740	PBEX, LLC	PO Box 10250	Midland	TX	79702-7250	This is a reminder to pick up your item before May 29, 2023 or your item will be returned on May 30, 2023. Please pick up the item at the MIDLAND, TX 79702 Post Office.

Permian - Riddler wells
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9414811898765424680795	Paul L Sisk and 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 the front desk, reception area, or mail room at 10:21 am on May 15, 2023 in TULSA, OK 74105.
9414811898765424680702	MRC Permian Company	5400 Lbj Fwy Ste 1500	Dallas	TX	75240-1017	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680726	Miller, William C. deceased	8222 Douglas Ave Ste 570	Dallas	TX	75225-5936	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680764	Miller, Scott	2626 Myrtle Springs Ave Ste 100	Dallas	TX	75220-2515	We were unable to deliver your package at 11:33 am on May 15, 2023 in DALLAS, TX 75220 because the business was closed. We will redeliver on the next business day. No action needed.
9414811898765424680757	Miller, Jeanne Lea	5817 Dexter Dr	Dallas	TX	75230-5090	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765424680719	Lucinda Loveless Revocable Trust 12/21/2006	PO Box 8	Hobbs	NM	88241-0008	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680870	Loveless, Lucinda	1630 Vista Del Cerro	Las Cruces	NM	88007-8901	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680832	Loveless, Lucinda	PO Box 8	Hobbs	NM	88241-0008	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680887	Loveless Land Holdings, LLC	4023 Goodfellow Dr	Dallas	TX	75229-2811	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680849	Loveless Land Holdings, LLC	PO Box 12454	Dallas	TX	75225-0454	USPS is now in possession of your item as of 11:42 am on May 20, 2023 in DALLAS, TX 75225.
9414811898765424680894	Lincoln Oil & Gas, LLC	701 Three Cross Dr	Roswell	NM	88201-7831	Your item was returned to the sender at 8:24 am on May 22, 2023 in ROSWELL, NM 88201 because the forwarding order for this address is no longer valid.
9414811898765424680801	Laura K. Read, LLC	PO Box 21622	Albuquerque	NM	87154-1622	Your item was picked up at the post office at 3:08 pm on May 23, 2023 in ALBUQUERQUE, NM 87111.
9414811898765424680825	HM Investments, Ltd.	1433 Lincoln Pl	Carrollton	TX	75006-1406	Your item was delivered to an individual at the address at 1:46 pm on May 17, 2023 in CARROLLTON, TX 75006.
9414811898765424680863	Hillier, LLC	6046 Azalea Ln	Dallas	TX	75230-3406	Your item was delivered to an individual at the address at 3:02 pm on May 15, 2023 in DALLAS, TX 75230.
9414811898765424680856	Highland Texas Energy Company	11886 Greenville Ave Ste 106	Dallas	TX	75243-3569	Your item has been delivered to an agent for final delivery in DALLAS, TX 75243 on May 16, 2023 at 11:26 am.
9414811898765424680818	Grimshaw, Jane Scisson	4934 E 92nd St	Tulsa	OK	74137-4020	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680276	FISCO Inc.	1000 Louisiana St Ste 3400	Houston	TX	77002-5011	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

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9414811898765424680238	Echols, Marjorie C. deceased	10320 Stone Canyon Rd Unit 1068	Dallas	TX	75230-4833	Your item arrived at our USPS facility in OKLAHOMA CITY OK DISTRIBUTION CENTER on May 23, 2023 at 10:45 am. The item is currently in transit to the destination.
9414811898765424680283	Diamond Star Production Company, LLC	13660 Deering Ln	Moorpark	CA	93021-2845	Your item was delivered to an individual at the address at 2:34 pm on May 17, 2023 in MOORPARK, CA 93021.
9414811898765424680245	DHB Partnership	8144 Walnut Hill Ln unit 982-51	Dallas	TX	75231-4388	Your item was delivered to an individual at the address at 10:31 am on May 15, 2023 in DALLAS, TX 75231.
9414811898765424680290	Dennis, Jamie	PO Box 1518	Roswell	NM	88202-1518	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765424680221	Cross-N-Oil Company	604 Crossen Ranch Ln	Gainesville	TX	76240-8035	Your item was delivered to an individual at the address at 2:44 pm on May 15, 2023 in GAINESVILLE, TX 76240.
9414811898765424680214	CBR Oil Properties LLC	PO Box 1518	Roswell	NM	88202-1518	Your item was picked up at the post office at 9:16 am on May 15, 2023 in ROSWELL, NM 88201.
9414811898765424682577	Carolyn J. Chester Trust dated 8/11/199 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.
9414811898765424682584	Bunnett, Andrea Miller	4329 Glenwick Ln	Dallas	TX	75205-1034	Your item was delivered to an individual at the address at 4:34 pm on May 15, 2023 in DALLAS, TX 75205.
9414811898765424682546	Bernhardt Oil Corporation	12170 Jaycie Cir	Midwest C	OK	73130-8459	Your item was delivered to an individual at the address at 11:10 am on May 15, 2023 in OKLAHOMA CITY, OK 73130.
9414811898765424682591	Beall, Thomas M. & Carolyn	1414 Country Club Dr	Midland	TX	79701-5713	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765424682508	B&N Energy, LLC	PO Box 1277	Los Gatos	CA	95031	Your item was delivered to the front desk, reception area, or mail room at 4:25 pm on May 19, 2023 in LOS GATOS, CA 95030.
9414811898765424682522	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 3:54 pm on May 15, 2023 in HOUSTON, TX 77077.
9414811898765424682553	Abby Corporation	500 N Main St Ste 827	Roswell	NM	88201-4771	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765424682515	Abby Corporation	145 Ocean Pines Ter	Jupiter	FL	33477-9670	Your item was delivered to an individual at the address at 12:52 pm on May 17, 2023 in JUPITER, FL 33477.

Affidavit of Publication

LEGAL NOTICE
May 17, 2023
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

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
May 17, 2023
and ending with the issue dated
May 17, 2023.



Publisher

Sworn and subscribed to before me this
17th day of May 2023.



Business Manager

My commission expires
January 29, 2027

(Seal) STATE OF NEW MEXICO
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087526
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

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. The hearing will be conducted remotely on Thursday, June 1, 2023, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at <https://www.emnrd.nm.gov/ocd/hearing-info/> or obtained from Marlene Salvidrez, at Marlene.Salvidrez@emnrd.nm.gov. Documents filed in the case may be viewed at <https://ocdimage.emnrd.nm.gov/Imaging/Default.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.gov, or the New Mexico Relay Network at 1-800-659-1779, no later than May 22, 2023.

Persons may view and participate in the hearings through the following link:

<https://nmemnrd.webex.com/nmemnrd/j.php?MTID=ma6ae23341387d744a0ac0dd42666b517>
Webinar number: 2487 125 5805

Join by video system: 24871255805@nmemnrd.webex.com
You can also dial 173.243.2.68 and enter your webinar number

Join by phone: 1-844-992-4726 United States Toll Free
+1-408-418-9388 United States Toll
Access code: 2487 125 5805

Panelist password: SVkzTp8GF43 (78598784 from phones and video systems)

STATE OF NEW MEXICO TO:
All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All interest owners subject to pooling proceedings and all working interest owners affected by the proposed overlapping spacing unit, including: Abby Corporation; Advance Energy Partners Hat Mesa, LLC; B&N Energy, LLC; Beall, Thomas M. & Carolyn, their heirs and devisees; Bernhardt Oil Corporation; Bunnett, Andrea Miller, her heirs and devisees; Carolyn J. Chester Trust dated 8/11/1995; CBR Oil Properties LLC; Cross-N-Oil Company; Dennis, Jamie, his or her heirs and devisees; DHB Partnership; Diamond Star Production Company, LLC; Echols, Marjorie C. (deceased), her heirs and devisees; FISCO Inc.; Grimshaw, Jane Scisson, her heirs and devisees; Highland Texas Energy Company; Hillier, LLC; HM Investments, Ltd.; Laura K. Read, LLC; Lincoln Oil & Gas, LLC; Loveless Land Holdings, LLC; Loveless, Lucinda, her heirs and devisees; Lucinda Loveless Revocable Trust 12/21/2006; Miller, Jeanne Lea, her heirs and devisees; Miller, Scott, his heirs and devisees; Miller, William C. (deceased), his heirs and devisees; MRC Permian Company; Paul L. Sisk and Helen I. Sisk Charitable Trust Charles W. Harris, Ruth Sowards, & Alva Jo Eaton, Trustees; PBEX, LLC; Pruitt, Pat, his or her heirs and devisees; Richardson Oil Company, LLC; S.N.S. Oil & Gas Properties, Inc.; Sandstone Properties, LLC; Sealy Hutchings Cavin, Inc.; Seegers Drilling Company; Sharron Stone Trollinger Trust; Stevens Oil & Gas, LLC; Stevens, David M., his heirs and devisees; Stevens, N.L., III, his heirs and devisees; Tierra Encantada, LLC; Turner Royalties, LLC; Union Hill Oil & Gas Co., Inc.; Weimer, Inc.; Wood Family Non-Exempt Trust FBO James Ralph Wood, III James Ralph Wood, III, Sole Trustee; Earthstone Permian LLC; Bowtie Slash Energy, Inc.; Bunnett, Andrea Miller, her heirs and devisees; Cox, Joseph, et ux, their heirs and devisees; High Divide, LLC; Prospector, LLC; Richter, Glenda L., her heirs and devisees; Seegers, Paul, his heirs and devisees; Turner, Marion T., her heirs and devisees; Western Oil Company, Inc.; Chevron U.S.A., Inc.; Joann E. Jensen Family Trust; and Sunburst Energy, LLC.

Case No. 23524: Application of Read & Stevens, Inc. for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order (a) approving a standard 320.95-acre, more or less, overlapping horizontal well spacing unit in the Bone Spring formation comprised of the Lot 4, SW/4 NW/4 and the W/2 SW/4 of Section 3, and the W/2 W/2 of Section 10, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico, and (b) pooling all uncommitted mineral interests in this overlapping horizontal well spacing unit. Said unit will be initially dedicated to the proposed Riddler 3-10 Federal Com 111H, Riddler 3-10 Federal Com 121H, and Riddler 3-10 Federal Com 122H wells, all to be horizontally drilled from a surface location in Lot 3 of Section 3 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 10. This 320.95-acre horizontal well spacing unit will overlap the following existing horizontal well spacing unit covering portions of the subject acreage:
• 160.95-acre, more or less, horizontal well spacing unit comprised of the W/2 W/2 of Section 3, Township 20 South, Range 34 East, dedicated to the North Lea 3 Fed Com #4H (API: 30-025-42684).

Also, to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Permian Resources Operating, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 25 miles southwest of Hobbs, New Mexico.
#00278683

HOLLAND & HART LLC
PO BOX 2208
SANTA FE, NM 87504-2208

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: Read & Stevens, Inc.
Hearing Date: June 1, 2023
Case No. 23524