

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

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

CASE NO. 26108

EXHIBIT INDEX

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Reagan Armstrong
A-1	Application & Proposed Notice of Hearing
A-2	C-102s for the Well
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-4	Sample Well Proposal Letter & AFE
A-5	Chronology of Contact
A-6	Ownership Commitment Exhibit
Exhibit B	Self-Affirmed Statement of Cole Hendrickson
B-1	Regional Locator Map
B-2	Cross-Section Location Map
B-3	Subsea Structure Map
B-4	Stratigraphic Cross Section
B-5	Gun Barrel Diagram
Exhibit C	Self-Affirmed Statement of Jaclyn M. McLean
C-1	Notice Letter to All Interested Parties Sent April 15, 2026
C-2	Postal Delivery Report
C-3	Electronic Return Receipts
C-4	Affidavit of Publication for April 21, 2026

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 26108	APPLICANT'S RESPONSE
Date: June 4, 2026	
Applicant	Permian Resources Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (OGRID No. 372165)
Applicant's Counsel:	Hardy McLean LLC
Case Title:	Application of Permian Resources Operating, LLC for Compulsory Pooling and Approval of Overlapping Spacing Unit, Lea County, New Mexico.
Entries of Appearance/Intervenors:	MRC Hat Mesa, LLC; Mewbourne Energy Partners 17-A L.P.; Mewbourne Oil Company; Mewbourne Development Corp.; CWM 2000-B, Ltd.; 3MG Corporation; CVM 2000-B II, Ltd.
Well Family	Grama Ridge 3 State Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring
Pool Name and Pool Code:	1) Grama Ridge; Bone Spring, NE Pool (Code 28435); and 2) Ojo Chisos; Bone Spring, NE Pool (Code 96553)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	643.25-acres
Building Blocks:	Quarter-quarter
Orientation:	South to North
Description: TRS/County	W/2 of Section 34, Township 21 South, Range 34 East, and Lots 3 and 4, S/2 NW/4, and SW/4 (W/2 equivalent) of irregular Section 3, Township 22 South, Range 34 East, Lea County.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes.
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	Yes, the completed interval of the Grama Ridge 3 State Com 2H well will be located within 330' of the quarter-quarter section line separating Lot 3, SE/4 NW/4 and E/2 SW/4 (E/2 W/2 equivalent) and Lot 4, SW/4 NW/4 and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 3, Township 22 South, and Section 34, Township 21 South, to allow for the creation of a 643.25-acre standard, horizontal spacing unit
Proximity Defining Well: if yes, description	Grama Ridge 3 State Com 2H
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	Grama Ridge 3 State Com 1H SHL: 1,032' FSL & 1,073' FWL (Unit M), Section 3, T22S-R34E BHL: 100' FNL & 330' FWL (Unit D), Section 34, T21S-R34E Completion Target: First Bone Spring (Approx. 9,610' TVD)
Well #2	Grama Ridge 3 State Com 2H SHL: 1,000' FSL & 1,081' FWL (Unit M), Section 3, T22S-R34E BHL: 100' FNL & 1,210' FWL (Unit D), Section 34, T21S-R34E Completion Target: First Bone Spring (Approx. 9,760' TVD)
Well #3	Grama Ridge 3 State Com 3H SHL: 760' FSL & 1,784' FEL (Unit N), Section 3, T22S-R34E BHL: 100' FNL & 2,090' FWL (Unit C), Section 34, T21S-R34E Completion Target: First Bone Spring (Approx. 9,610' TVD)
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A-4

Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-1, C-2, C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
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-5
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-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
Structure Contour Map - Subsea Depth	Exhibit B-3
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-4
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	5/28/2026

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

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

CASE NO. 26108

**SELF-AFFIRMED STATEMENT
OF REAGAN ARMSTRONG**

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

2. Copies of Permian Resources’ application and proposed hearing notice are attached as **Exhibit A-1**.

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

4. Permian Resources seeks an order pooling all uncommitted interests in the Bone Spring formation, underlying a 643.25-acre, more or less, standard, horizontal spacing unit comprised of the W/2 of Section 34, Township 21 South, Range 34 East, and Lots 3 and 4, S/2 NW/4, and SW/4 (W/2 equivalent) of irregular Section 3, Township 22 South, Range 34 East, Lea County, New Mexico (“Unit”).

5. The Unit will be dedicated to the following wells (“Wells”):

- a. **Gramma Ridge State Com 1H** and **Gramma Ridge State Com 2H**, which will be drilled from first take points located in the SW/4 SW/4 (Unit M) of irregular Section

**Permian Resources Operating, LLC
Case No. 26108
Exhibit A**

3, Township 22 South, to last take points in the NW/4 NW/4 (Unit D) of Section 34, Township 21 South; and

- b. **Grama Ridge State Com 3H**, which will be drilled from a first take point located in the SE/4 SW/4 (Unit N) of irregular Section 3, Township 22 South, to a last take point in the NE/4 NW/4 (Unit C) of Section 34, Township 21 South.

6. The completed intervals of the Wells will be orthodox.

7. The completed interval of the Grama Ridge State Com 2H well will be located within 330' of the quarter-quarter section line separating Lot 3, SE/4 NW/4 and E/2 SW/4 (E/2 W/2 equivalent) and Lot 4, SW/4 NW/4 and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 3, Township 22 South, and Section 34, Township 21 South, to allow for the creation of a 643.25-acre standard, horizontal spacing unit.

8. The spacing unit for the Wells partially overlaps with the spacing units for the following wells, which produce from the GRAMA RIDGE; BONE SPRING, NE Pool (Code 28435):

- a. Gramma Ridge East 34 2BS State Com 006H (API No. 30-025-546539), which is located in the W/2 W/2 of Section 34, Township 21 South;
- b. Gramma Ridge East 2BS State Com 007H (API No. 30-025-546536), which is located in the E/2 W/2 of Section 34, Township 21 South; and
- c. Gramma Ridge East 34 State Com 3BS 003H (API No. 30-025-46538), which is located in the E/2 W/2 of Section 34.

9. The spacing unit for the Wells also partially overlaps with the spacing units for the following wells, which produce from the OJO CHISO; BONE SPRING Pool (Code 96553):

- a. Ram 3 B2MD State Com 001H (API No. 30-025-50757), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South;
- b. Ram 3 B3MD State Com 002H (API No. 30-025-550756), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South;
- c. Ram 3 B2MD State Com 002H (API No. 30-025-50761), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South;
- d. Ram 3 B3NC State Com 001H (API No. 30-025-49696), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South; and
- e. Ram 3 B2NC State Com 001H (API No. 30-025-49693), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South.

10. **Exhibit A-2** contains the C-102s for the Wells.

11. **Exhibit A-3** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Permian Resources seeks to pool highlighted in yellow. Exhibit A-3 also contains a plat of the overlapping spacing units.

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

13. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Wells. The estimated costs reflected on the AFEs are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.

14. In my opinion, Permian Resources made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in **Exhibit A-5**.

15. Permian Resources requests overhead and administrative rates of \$8,000 per month while the Wells are being drilled and \$800 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by Permian Resources and other operators in the vicinity.

16. The Ownership Commitment Exhibit is attached as **Exhibit A-6**. This exhibit includes a list of all owners in the Unit and identifies each owner’s ownership status, whether the owner has committed to the proposed spacing unit, and the type of commitment, *i.e.*, whether a signed letter of commitment, joint operating agreement, joinder agreement, or verbal agreement. Exhibit C of the hearing exhibit packet also identifies when notice of this hearing was sent to each interest owner by our outside counsel, Hardy McLean LLC.

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

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

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


REAGAN ARMSTRONG

5/15/2026
DATE

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

**APPLICATION OF PERMIAN RESOURCES
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OVERLAPPING SPACING UNIT,
LEA COUNTY, NEW MEXICO.**

CASE NO. 26108

APPLICATION

Pursuant to NMSA 1978, Section 70-2-17, Permian Resources Operating, LLC (OGRID No. 372165) (“Permian Resources” or “Applicant”) applies for an order pooling all uncommitted interests in the Bone Spring formation, underlying a 643.25-acre, more or less, standard, horizontal spacing unit comprised of the W/2 of Section 34, Township 21 South, Range 34 East, and Lots 3 and 4, S/2 NW/4, and SW/4 (W/2 equivalent) of irregular Section 3, Township 22 South, Range 34 East, Lea County, New Mexico (“Unit”). In support of this application, Permian Resources states the following.

1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
2. The Unit will be dedicated to the following wells (“Wells”):
 - a. **Gramma Ridge State Com 1H** and **Gramma Ridge State Com 2H**, which will be drilled from first take points located in the SW/4 SW/4 (Unit M) of irregular Section 3, Township 22 South, to last take points in the NW/4 NW/4 (Unit D) of Section 34, Township 21 South; and
 - b. **Gramma Ridge State Com 3H**, which will be drilled from a first take point located in the SE/4 SW/4 (Unit N) of irregular Section 3, Township 22 South, to a last take point in the NE/4 NW/4 (Unit C) of Section 34, Township 21 South.

**Permian Resources Operating, LLC
Case No. 26108
Exhibit A-1**

3. The completed interval of the Wells will be orthodox.
4. The completed interval of the Grama Ridge State Com 2H well will be located within 330' of the quarter-quarter section line separating Lot 3, SE/4 NW/4 and E/2 SW/4 (E/2 W/2 equivalent) and Lot 4, SW/4 NW/4 and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 3, Township 22 South, and Section 34, Township 21 South, to allow for the creation of a 643.25-acre standard, horizontal spacing unit.
5. The spacing unit for the Wells partially overlaps with the spacing units for the following wells, which produce from the GRAMA RIDGE; BONE SPRING, NE Pool (Code 28435):
 - a. Gramma Ridge East 34 2BS State Com 006H (API No. 30-025-546539), which is located in the W/2 W/2 of Section 34, Township 21 South;
 - b. Gramma Ridge East 2BS State Com 007H (API No. 30-025-546536), which is located in the E/2 W/2 of Section 34, Township 21 South; and
 - c. Gramma Ridge East 34 State Com 3BS 003H (API No. 30-025-46538), which is located in the E/2 W/2 of Section 34.
6. The spacing unit for the Wells also partially overlaps with the spacing units for the following wells, which produce from the OJO CHISO; BONE SPRING Pool (Code 96553):
 - a. Ram 3 B2MD State Com 001H (API No. 30-025-50757), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South;
 - b. Ram 3 B3MD State Com 002H (API No. 30-025-550756), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South;
 - c. Ram 3 B2MD State Com 002H (API No. 30-025-50761), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South;

- d. Ram 3 B3NC State Com 001H (API No. 30-025-49696), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South; and
 - e. Ram 3 B2NC State Com 001H (API No. 30-025-49693), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South.
7. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Wells but has been unable to obtain voluntary agreements from all interest owners.
8. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
9. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated as the operator of the Wells and Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on May 7, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Wells in the Unit;
- C. Approving the overlapping spacing unit;
- D. Designating Applicant as operator of the Unit and the Wells to be drilled thereon;
- E. Authorizing Applicant to recover its costs of drilling, equipping and completing the Wells;

- F. Approving the actual operating charged and costs of supervision while drilling and after completion, together with a provision adjusting the rated pursuant to the COPAS accounting procedures; and
- G. 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,

HARDY MCLEAN LLC

/s/ Dana S. Hardy

Dana S. Hardy

Jaelyn M. McLean

Yarithza Peña

125 Lincoln Ave, Ste. 223

Santa Fe, NM 87501

Phone: (505) 230-4410

dhardy@hardymclean.com

jmclean@hardymclean.com

ypena@hardymclean.com

Counsel for Permian Resources Operating, LLC

Application of Permian Resources Operating, LLC for Compulsory Pooling and Approval of Overlapping Spacing Unit, Lea County, New Mexico. Applicant seeks an order pooling all uncommitted interests in the Bone Spring formation, underlying a 643.25-acre, more or less, standard, horizontal spacing unit comprised of the W/2 of Section 34, Township 21 South, Range 34 East, and Lots 3 and 4, S/2 NW/4, and SW/4 (W/2 equivalent) of irregular Section 3, Township 22 South, Range 34 East, Lea County, New Mexico (“Unit”). The Unit will be dedicated to the following wells (“Wells”): **Gramma Ridge State Com 1H** and **Gramma Ridge State Com 2H**, which will be drilled from first take points located in the SW/4 SW/4 (Unit M) of irregular Section 3, Township 22 South, to last take points in the NW/4 NW/4 (Unit D) of Section 34, Township 21 South; and **Gramma Ridge State Com 3H**, which will be drilled from a first take point located in the SE/4 SW/4 (Unit N) of irregular Section 3, Township 22 South, to a last take point in the NE/4 NW/4 (Unit C) of Section 34, Township 21 South. The completed interval of the Wells will be orthodox. The completed interval of the Grama Ridge State Com 2H well will be located within 330’ of the quarter-quarter section line separating Lot 3, SE/4 NW/4 and E/2 SW/4 (E/2 W/2 equivalent) and Lot 4, SW/4 NW/4 and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 3, Township 22 South, and Section 34, Township 21 South, to allow for the creation of a 643.25-acre standard, horizontal spacing unit. The spacing unit for the Wells partially overlaps with the spacing units for the following wells, which produce from the GRAMA RIDGE; BONE SPRING, NE Pool (Code 28435): Gramma Ridge East 34 2BS State Com 006H (API No. 30-025-546539), which is located in the W/2 W/2 of Section 34, Township 21 South; Gramma Ridge East 2BS State Com 007H (API No. 30-025-546536), which is located in the E/2 W/2 of Section 34, Township 21 South; and Gramma Ridge East 34 State Com 3BS 003H (API No. 30-025-46538), which is located in the E/2 W/2 of Section 34. The spacing unit for the Wells also partially overlaps with

the spacing units for the following wells, which produce from the OJO CHISO; BONE SPRING Pool (Code 96553): Ram 3 B2MD State Com 001H (API No. 30-025-50757), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B3MD State Com 002H (API No. 30-025-550756), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B2MD State Com 002H (API No. 30-025-50761), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B3NC State Com 001H (API No. 30-025-49696), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South; and the Ram 3 B2NC State Com 001H (API No. 30-025-49693), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South. Also to be considered will be the cost of drilling and completing the Wells, the allocation of the costs, the designation of Applicant as operator of the Wells and the Unit, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 16 miles southwest of Eunice, New Mexico.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Exhibit A-2 Revised July 9, 2024 Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number	Pool Code 96553	Pool Name OJO CHISO; BONE SPRING, NE
Property Code	Property Name GRAMA RIDGE 3 STATE COM	Well Number 1H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,603'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,032' FSL	1,073' FWL	32.416313°	-103.462852°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	330' FWL	32.442390°	-103.465238°	LEA

Dedicated Acres 323.5	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,032' FSL	1,073' FWL	32.416313°	-103.462852°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		100' FSL	330' FWL	32.413752°	-103.465266°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	330' FWL	32.442390°	-103.465238°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</p>	<p>SURVEYOR CERTIFICATIONS</p> <p>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.</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">PRELIMINARY</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 0.8em;">THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.</p> <p style="text-align: center;">MARK J. MURRAY P.L.S. NO. 12177</p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name _____	Certificate Number 12177 Date of Survey 3/10/2026 Revision Number 0
Email Address _____	

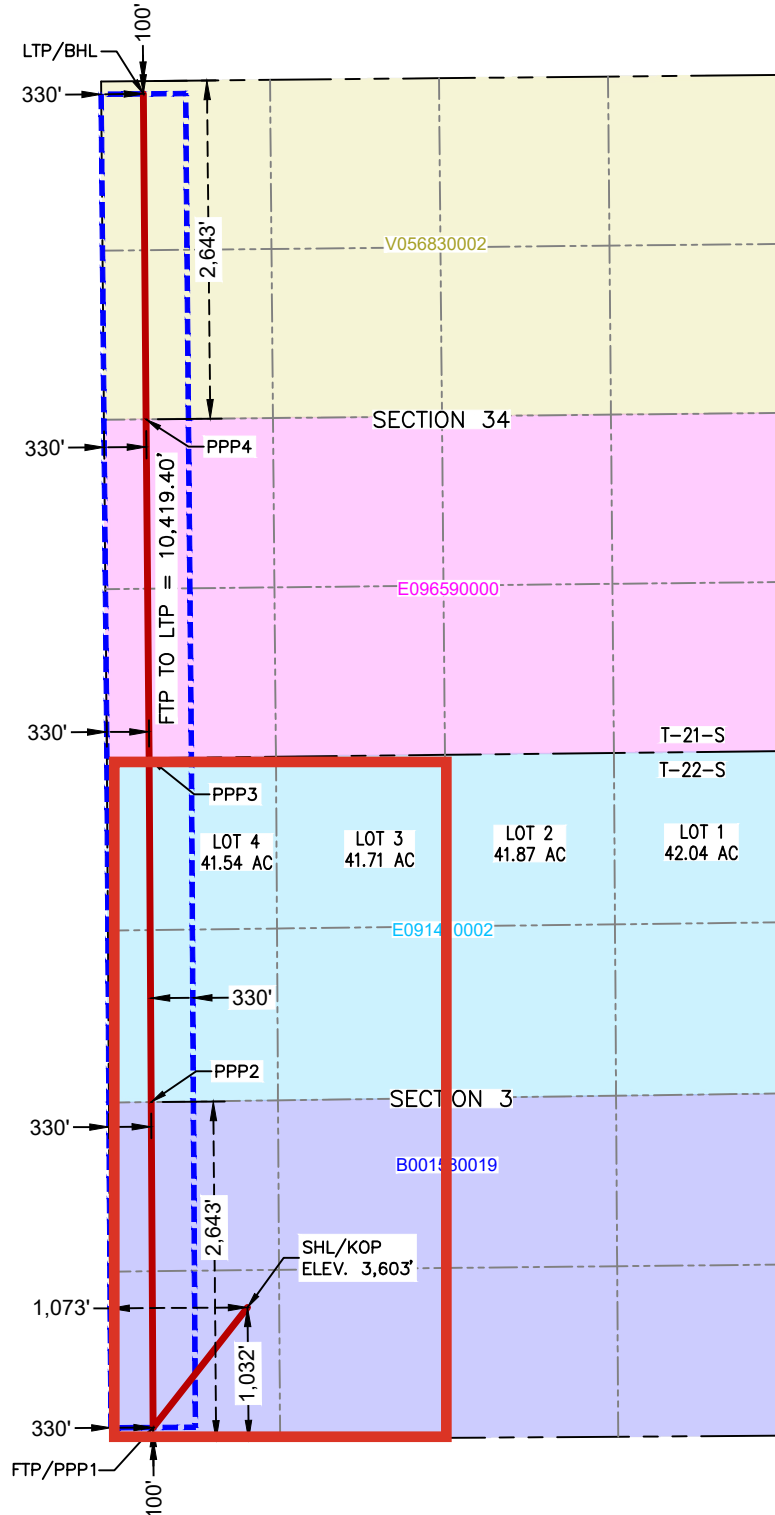
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

GRAMA RIDGE 3 STATE COM 1H



SURFACE HOLE LOCATION & KICK-OFF POINT
 1,032' FSL & 1,073' FWL
 ELEV. = 3,603'

NAD 83 X = 809,954.54'
 NAD 83 Y = 516,279.94'
 NAD 83 LAT = 32.416313°
 NAD 27 X = 768,771.67'
 NAD 27 Y = 516,219.01'
 NAD 27 LAT = 32.416189°
 NAD 27 LONG = -103.462370°

FIRST TAKE POINT & PENETRATION POINT 1
 100' FSL & 330' FWL

NAD 83 X = 809,217.16'
 NAD 83 Y = 515,341.91'
 NAD 83 LAT = 32.413752°
 NAD 27 X = 768,034.29'
 NAD 27 Y = 515,281.01'
 NAD 27 LAT = 32.413628°
 NAD 27 LONG = -103.464784°

PENETRATION POINT 2
 2,643' FSL & 330' FWL

NAD 83 X = 809,201.35'
 NAD 83 Y = 517,884.66'
 NAD 83 LAT = 32.420741°
 NAD 27 X = 768,018.53'
 NAD 27 Y = 517,823.68'
 NAD 27 LAT = 32.420617°
 NAD 27 LONG = -103.464768°

PENETRATION POINT 3
 0' FSL & 330' FWL

NAD 83 X = 809,186.00'
 NAD 83 Y = 520,571.87'
 NAD 83 LAT = 32.428127°
 NAD 27 X = 768,003.23'
 NAD 27 Y = 520,510.82'
 NAD 27 LAT = 32.428003°
 NAD 27 LONG = -103.464747°

PENETRATION POINT 4
 2,643' FSL & 330' FWL

NAD 83 X = 809,162.53'
 NAD 83 Y = 523,218.33'
 NAD 83 LAT = 32.435401°
 NAD 27 X = 767,979.82'
 NAD 27 Y = 523,157.20'
 NAD 27 LAT = 32.435277°
 NAD 27 LONG = -103.464753°

LAST TAKE POINT & BOTTOM HOLE LOCATION
 100' FSL & 330' FWL

NAD 83 X = 809,141.00'
 NAD 83 Y = 525,761.02'
 NAD 83 LAT = 32.442390°
 NAD 27 X = 767,958.34'
 NAD 27 Y = 525,699.82'
 NAD 27 LAT = 32.442266°
 NAD 27 LONG = -103.464756°

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

API Number	Pool Code 28435	Pool Name GRAMA RIDGE; BONE SPRING, NE
Property Code	Property Name GRAMA RIDGE 3 STATE COM	Well Number 1H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,603'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,032' FSL	1,073' FWL	32.416313°	-103.462852°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	330' FWL	32.442390°	-103.465238°	LEA

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

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,032' FSL	1,073' FWL	32.416313°	-103.462852°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		100' FSL	330' FWL	32.413752°	-103.465266°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	330' FWL	32.442390°	-103.465238°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</p>	<p>SURVEYOR CERTIFICATIONS</p> <p>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.</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">PRELIMINARY</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 0.8em;">THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.</p> <p style="text-align: center;">MARK J. MURRAY P.L.S. NO. 12177</p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name _____	Certificate Number 12177 Date of Survey 3/10/2026 Revision Number 0
Email Address _____	

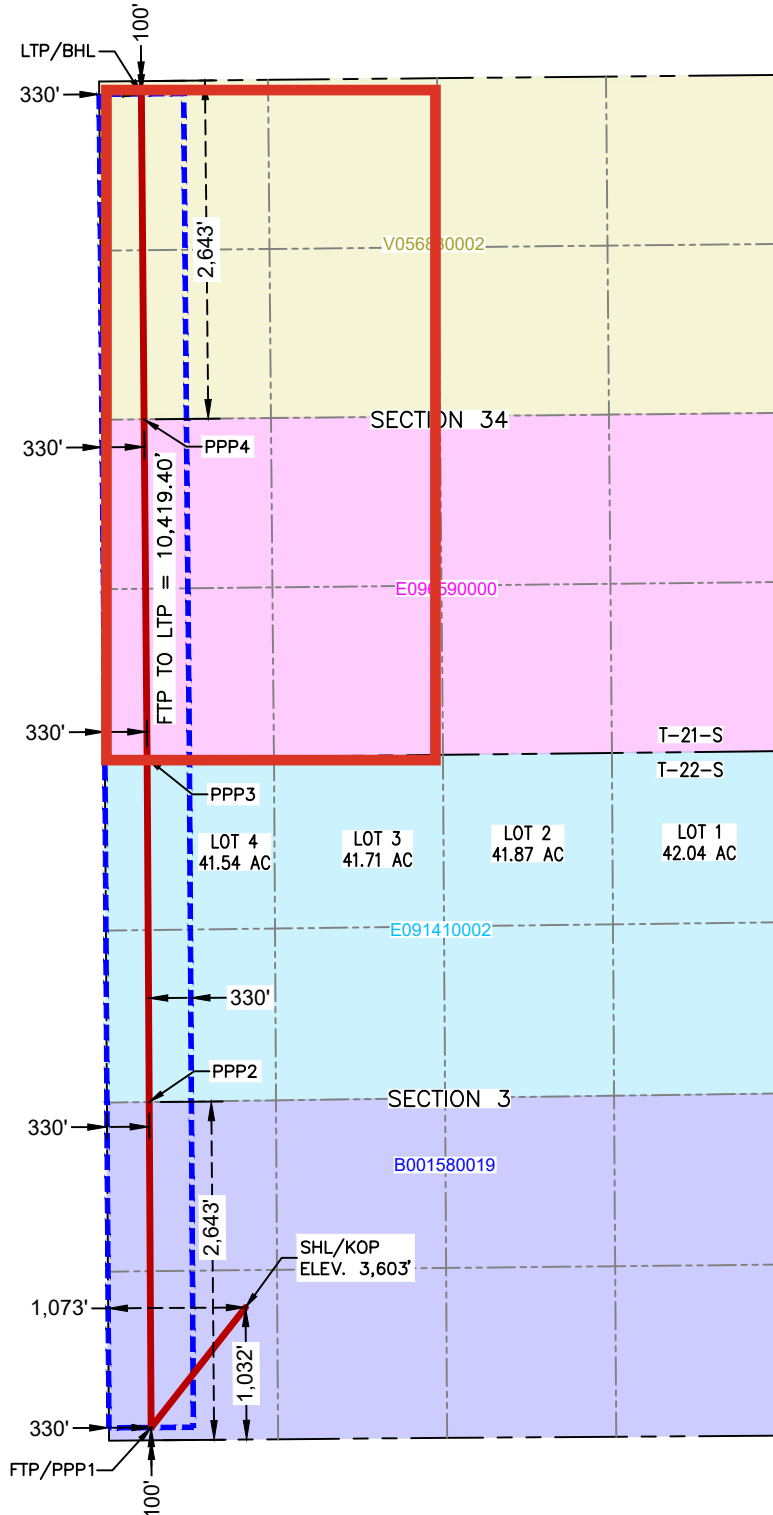
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

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Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

GRAMA RIDGE 3 STATE COM 1H



SURFACE HOLE LOCATION & KICK-OFF POINT
 1,032' FSL & 1,073' FWL
 ELEV. = 3,603'

NAD 83 X = 809,954.54'
 NAD 83 Y = 516,279.94'
 NAD 83 LAT = 32.416313°
 NAD 27 X = 768,771.67'
 NAD 27 Y = 516,219.01'
 NAD 27 LAT = 32.416189°
 NAD 27 LONG = -103.462370°

FIRST TAKE POINT & PENETRATION POINT 1
 100' FSL & 330' FWL

NAD 83 X = 809,217.16'
 NAD 83 Y = 515,341.91'
 NAD 83 LAT = 32.413752°
 NAD 83 LONG = -103.465266°
 NAD 27 X = 768,034.29'
 NAD 27 Y = 515,281.01'
 NAD 27 LAT = 32.413628°
 NAD 27 LONG = -103.464784°

PENETRATION POINT 2
 2,643' FSL & 330' FWL

NAD 83 X = 809,201.35'
 NAD 83 Y = 517,884.66'
 NAD 83 LAT = 32.420741°
 NAD 83 LONG = -103.465250°
 NAD 27 X = 768,018.53'
 NAD 27 Y = 517,823.68'
 NAD 27 LAT = 32.420617°
 NAD 27 LONG = -103.464768°

PENETRATION POINT 3
 0' FSL & 330' FWL

NAD 83 X = 809,186.00'
 NAD 83 Y = 520,571.87'
 NAD 83 LAT = 32.428127°
 NAD 83 LONG = -103.465229°
 NAD 27 X = 768,003.23'
 NAD 27 Y = 520,510.82'
 NAD 27 LAT = 32.428003°
 NAD 27 LONG = -103.464747°

PENETRATION POINT 4
 2,643' FSL & 330' FWL

NAD 83 X = 809,162.53'
 NAD 83 Y = 523,218.33'
 NAD 83 LAT = 32.435401°
 NAD 83 LONG = -103.465235°
 NAD 27 X = 767,979.82'
 NAD 27 Y = 523,157.20'
 NAD 27 LAT = 32.435277°
 NAD 27 LONG = -103.464753°

LAST TAKE POINT & BOTTOM HOLE LOCATION
 100' FSL & 330' FWL

NAD 83 X = 809,141.00'
 NAD 83 Y = 525,761.02'
 NAD 83 LAT = 32.442390°
 NAD 83 LONG = -103.465238°
 NAD 27 X = 767,958.34'
 NAD 27 Y = 525,699.82'
 NAD 27 LAT = 32.442266°
 NAD 27 LONG = -103.464756°

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

API Number	Pool Code 28435	Pool Name GRAMA RIDGE; BONE SPRING, NE
Property Code	Property Name GRAMA RIDGE 3 STATE COM	Well Number 2H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,603'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,000' FSL	1,081' FWL	32.416225°	-103.462826°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	1,210' FWL	32.442394°	-103.462386°	LEA

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

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,000' FSL	1,081' FWL	32.416225°	-103.462826°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		100' FSL	1,210' FWL	32.413752°	-103.462414°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	1,210' FWL	32.442394°	-103.462386°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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Signature _____ Date _____	Signature and Seal of Professional Surveyor _____		
Printed Name _____	Certificate Number 12177	Date of Survey 3/10/2026	Revision Number 0
Email Address _____			

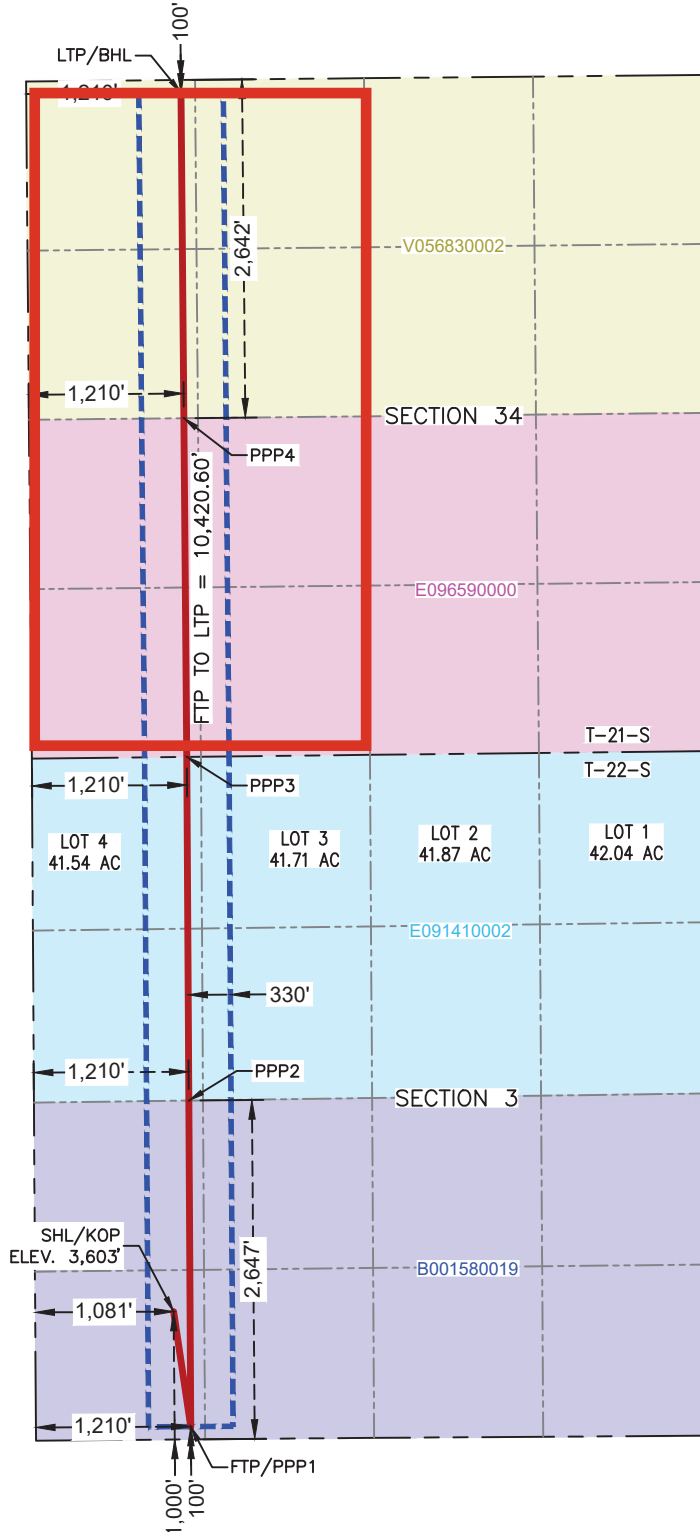
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ACREAGE DEDICATION PLATS

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GRAMA RIDGE 3 STATE COM 2H



SURFACE HOLE LOCATION & KICK-OFF POINT
 1,000' FSL & 1,081' FWL
 ELEV. = 3,603'
 NAD 83 X = 809,962.78'
 NAD 83 Y = 516,247.99'
 NAD 83 LAT = 32.416225°
 NAD 27 X = 768,779.91'
 NAD 27 Y = 516,187.06'
 NAD 27 LAT = 32.416101°
 NAD 27 LONG = -103.462345°

FIRST TAKE POINT & PENETRATION POINT 1
 100' FSL & 1,210' FWL
 NAD 83 X = 810,097.13'
 NAD 83 Y = 515,349.35'
 NAD 83 LAT = 32.413752°
 NAD 27 X = 768,914.24'
 NAD 27 Y = 515,288.45'
 NAD 27 LAT = 32.413628°
 NAD 27 LONG = -103.461933°

PENETRATION POINT 2
 2,647' FSL & 1,210' FWL
 NAD 83 X = 810,081.27'
 NAD 83 Y = 517,896.69'
 NAD 83 LAT = 32.420754°
 NAD 27 X = 768,898.42'
 NAD 27 Y = 517,835.71'
 NAD 27 LAT = 32.420630°
 NAD 27 LONG = -103.461917°

PENETRATION POINT 3
 0' FSL & 1,210' FWL
 NAD 83 X = 810,065.94'
 NAD 83 Y = 520,581.73'
 NAD 83 LAT = 32.428134°
 NAD 27 X = 768,883.15'
 NAD 27 Y = 520,520.67'
 NAD 27 LAT = 32.428010°
 NAD 27 LONG = -103.461896°

PENETRATION POINT 4
 2,642' FNL & 1,210' FWL
 NAD 83 X = 810,042.49'
 NAD 83 Y = 523,227.27'
 NAD 83 LAT = 32.435406°
 NAD 27 X = 768,859.75'
 NAD 27 Y = 523,166.14'
 NAD 27 LAT = 32.435282°
 NAD 27 LONG = -103.461901°

LAST TAKE POINT & BOTTOM HOLE LOCATION
 100' FNL & 1,210' FWL
 NAD 83 X = 810,020.96'
 NAD 83 Y = 525,769.66'
 NAD 83 LAT = 32.442394°
 NAD 27 X = 768,838.27'
 NAD 27 Y = 525,708.45'
 NAD 27 LAT = 32.442270°
 NAD 27 LONG = -103.461904°

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

WELL LOCATION INFORMATION

API Number	Pool Code [96553]	Pool Name OJO CHISO; BONE SPRING
Property Code	Property Name GRAMA RIDGE 3 STATE COM	Well Number 2H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,603'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,000' FSL	1,081' FWL	32.416225°	-103.462826°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	1,210' FWL	32.442394°	-103.462386°	LEA

Dedicated Acres 323.5	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No			

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		1,000' FSL	1,081' FWL	32.416225°	-103.462826°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	3	22S	34E		100' FSL	1,210' FWL	32.413752°	-103.462414°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	34	21S	34E		100' FNL	1,210' FWL	32.442394°	-103.462386°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name _____	Certificate Number: 12177 Date of Survey: 3/10/2026 Revision Number: 0
Email Address _____	

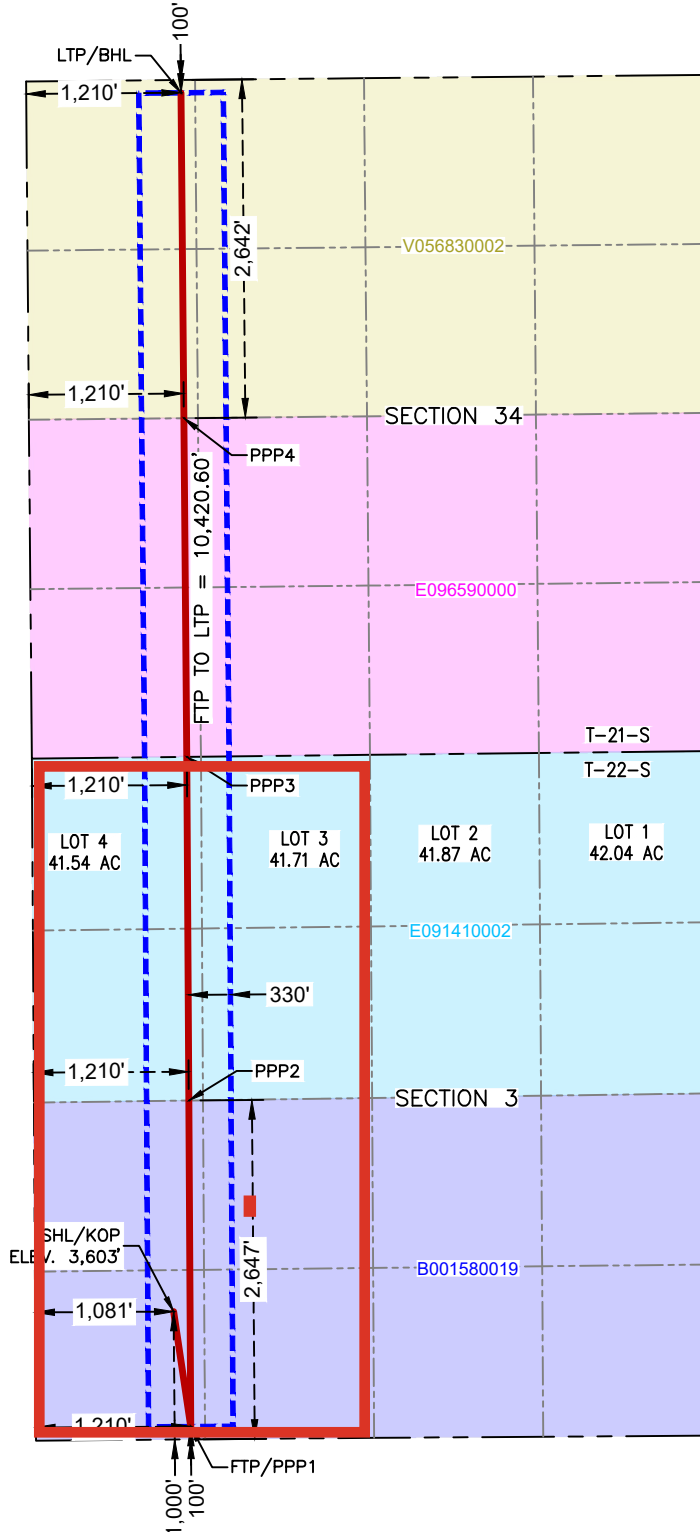
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GRAMA RIDGE 3 STATE COM 2H



SURFACE HOLE LOCATION & KICK-OFF POINT
 1,000' FSL & 1,081' FWL
 ELEV. = 3,603'
 NAD 83 X = 809,962.78'
 NAD 83 Y = 516,247.99'
 NAD 83 LAT = 32.416225°
 NAD 27 X = 768,779.91'
 NAD 27 Y = 516,187.06'
 NAD 27 LAT = 32.416101°
 NAD 27 LONG = -103.462345°

FIRST TAKE POINT & PENETRATION POINT 1
 100' FSL & 1,210' FWL
 NAD 83 X = 810,097.13'
 NAD 83 Y = 515,349.35'
 NAD 83 LAT = 32.413752°
 NAD 27 X = 768,914.24'
 NAD 27 Y = 515,288.45'
 NAD 27 LAT = 32.413628°
 NAD 27 LONG = -103.461933°

PENETRATION POINT 2
 2,647' FSL & 1,210' FWL
 NAD 83 X = 810,081.27'
 NAD 83 Y = 517,896.69'
 NAD 83 LAT = 32.420754°
 NAD 27 X = 768,898.42'
 NAD 27 Y = 517,835.71'
 NAD 27 LAT = 32.420630°
 NAD 27 LONG = -103.461917°

PENETRATION POINT 3
 0' FSL & 1,210' FWL
 NAD 83 X = 810,065.94'
 NAD 83 Y = 520,581.73'
 NAD 83 LAT = 32.428134°
 NAD 27 X = 768,883.15'
 NAD 27 Y = 520,520.67'
 NAD 27 LAT = 32.428010°
 NAD 27 LONG = -103.461896°

PENETRATION POINT 4
 2,642' FNL & 1,210' FWL
 NAD 83 X = 810,042.49'
 NAD 83 Y = 523,227.27'
 NAD 83 LAT = 32.435406°
 NAD 27 X = 768,859.75'
 NAD 27 Y = 523,166.14'
 NAD 27 LAT = 32.435282°
 NAD 27 LONG = -103.461901°

LAST TAKE POINT & BOTTOM HOLE LOCATION
 100' FNL & 1,210' FWL
 NAD 83 X = 810,020.96'
 NAD 83 Y = 525,769.66'
 NAD 83 LAT = 32.442394°
 NAD 27 X = 768,838.27'
 NAD 27 Y = 525,708.45'
 NAD 27 LAT = 32.442270°
 NAD 27 LONG = -103.461904°

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

WELL LOCATION INFORMATION

API Number	Pool Code 28435	Pool Name GRAMA RIDGE; BONE SPRING, NE
Property Code	Property Name GRAMA RIDGE 3 STATE COM	Well Number 3H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,597'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	3	22S	34E		760' FSL	1,784' FEL	32.415562°	-103.454995°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	34	21S	3 4E		100' FNL	2,090' FWL	32.442398°	-103.459533°	LEA

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

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	3	22S	34E		760' FSL	1,784' FEL	32.415562°	-103.454995°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	3	22S	34E		100' FSL	2,090' FWL	32.413753°	-103.459563°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	34	21S	3 4E		100' FNL	2,090' FWL	32.442398°	-103.459533°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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Signature _____ Date _____	Signature and Seal of Professional Surveyor _____		
Printed Name _____	Certificate Number 12177	Date of Survey 3/10/2026	Revision Number 0
Email Address _____			

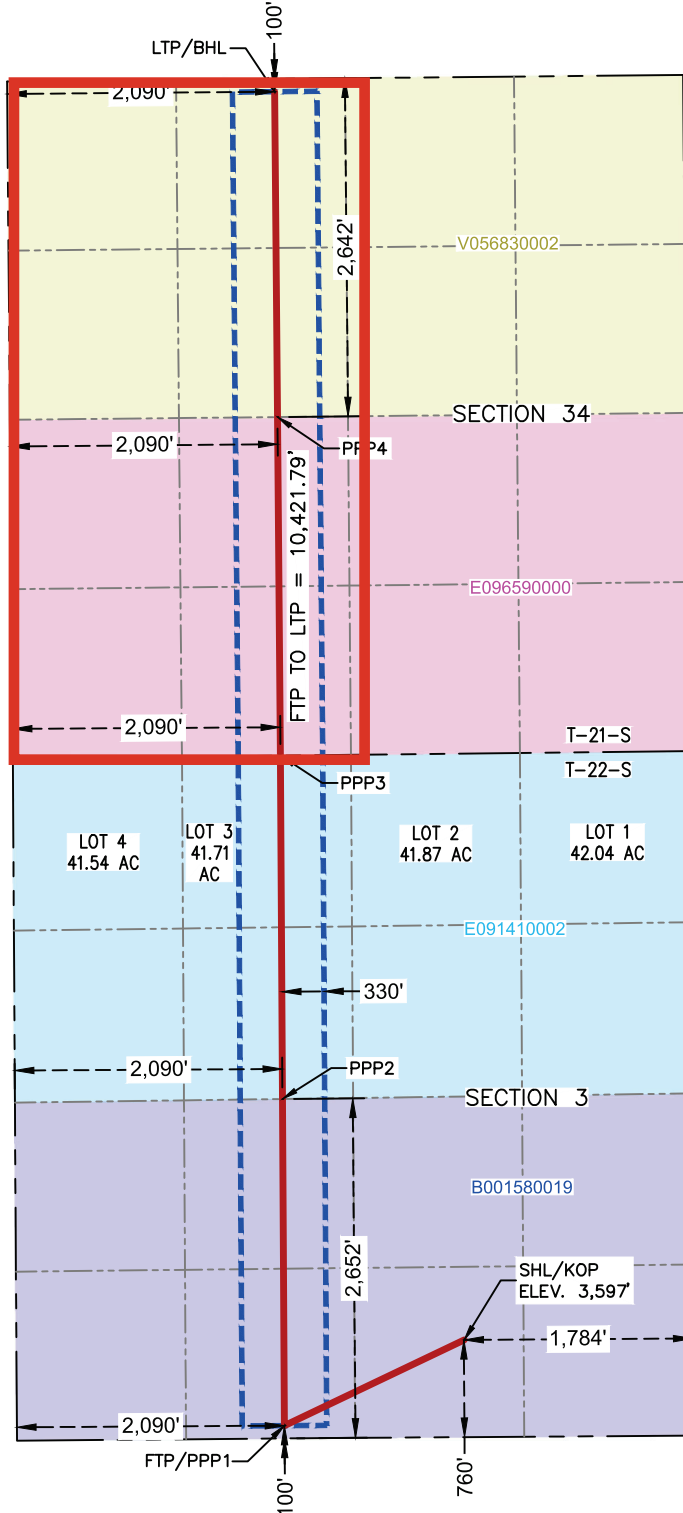
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

GRAMA RIDGE 3 STATE COM 3H



SURFACE HOLE LOCATION & KICK-OFF POINT
 760' FSL & 1,784' FEL
 ELEV. = 3,597'

NAD 83 X = 812,381.35'
 NAD 83 Y = 516,026.49'
 NAD 83 LAT = 32.415562°
 NAD 27 X = 771,198.40'
 NAD 27 Y = 515,965.56'
 NAD 27 LAT = 32.415438°
 NAD 27 LONG = -103.454514°

FIRST TAKE POINT & PENETRATION POINT 1
 100' FSL & 2,090' FWL

NAD 83 X = 810,977.10'
 NAD 83 Y = 515,356.79'
 NAD 83 LAT = 32.413753°
 NAD 27 X = 769,794.18'
 NAD 27 Y = 515,295.88°
 NAD 27 LAT = 32.413629°
 NAD 27 LONG = -103.459082°

PENETRATION POINT 2
 2,652' FSL & 2,090' FWL

NAD 83 X = 810,961.19'
 NAD 83 Y = 517,908.72'
 NAD 83 LAT = 32.420768°
 NAD 27 X = 769,778.32'
 NAD 27 Y = 517,847.74'
 NAD 27 LAT = 32.420643°
 NAD 27 LONG = -103.459065°

PENETRATION POINT 3
 0' FSL & 2,090' FWL

NAD 83 X = 810,945.89'
 NAD 83 Y = 520,591.59'
 NAD 83 LAT = 32.428142°
 NAD 27 X = 769,763.07'
 NAD 27 Y = 520,530.53'
 NAD 27 LAT = 32.428018°
 NAD 27 LONG = -103.459044°

PENETRATION POINT 4
 2,642' FNL & 2,090' FWL

NAD 83 X = 810,922.44'
 NAD 83 Y = 523,236.21'
 NAD 83 LAT = 32.435411°
 NAD 27 X = 769,739.68'
 NAD 27 Y = 523,175.07'
 NAD 27 LAT = 32.435287°
 NAD 27 LONG = -103.459049°

LAST TAKE POINT & BOTTOM HOLE LOCATION
 100' FNL & 2,090' FWL

NAD 83 X = 810,900.91'
 NAD 83 Y = 525,778.29'
 NAD 83 LAT = 32.442398°
 NAD 27 X = 769,718.20'
 NAD 27 Y = 525,717.08'
 NAD 27 LAT = 32.442274°
 NAD 27 LONG = -103.459052°

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

WELL LOCATION INFORMATION

API Number	Pool Code [96553]	Pool Name OJO CHISO; BONE SPRING
Property Code	Property Name GRAMA RIDGE 3 STATE COM	Well Number 3H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,597'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	3	22S	34E		760' FSL	1,784' FEL	32.415562°	-103.454995°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	34	21S	3 4E		100' FNL	2,090' FWL	32.442398°	-103.459533°	LEA

Dedicated Acres 323.5	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	3	22S	34E		760' FSL	1,784' FEL	32.415562°	-103.454995°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	3	22S	34E		100' FSL	2,090' FWL	32.413753°	-103.459563°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	34	21S	34E		100' FNL	2,090' FWL	32.442398°	-103.459533°	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</p>	<p>SURVEYOR CERTIFICATIONS</p> <p>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.</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">PRELIMINARY</p> <p style="text-align: center; color: red; font-size: 0.8em;">THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.</p> <p style="text-align: center;">MARK J. MURRAY P.L.S. NO. 12177</p>			
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____			
Printed Name _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Certificate Number 12177</td> <td style="width:33%;">Date of Survey 3/10/2026</td> <td style="width:33%;">Revision Number 0</td> </tr> </table>	Certificate Number 12177	Date of Survey 3/10/2026	Revision Number 0
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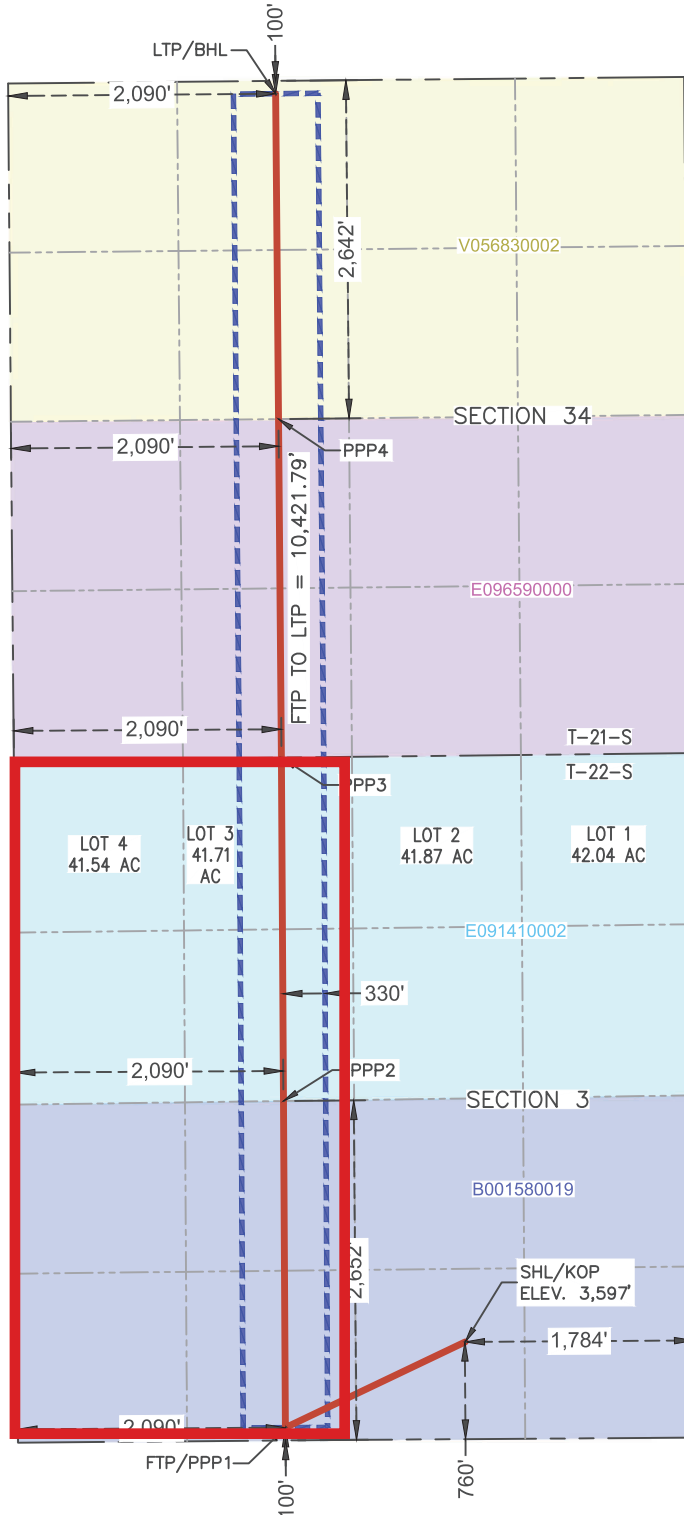
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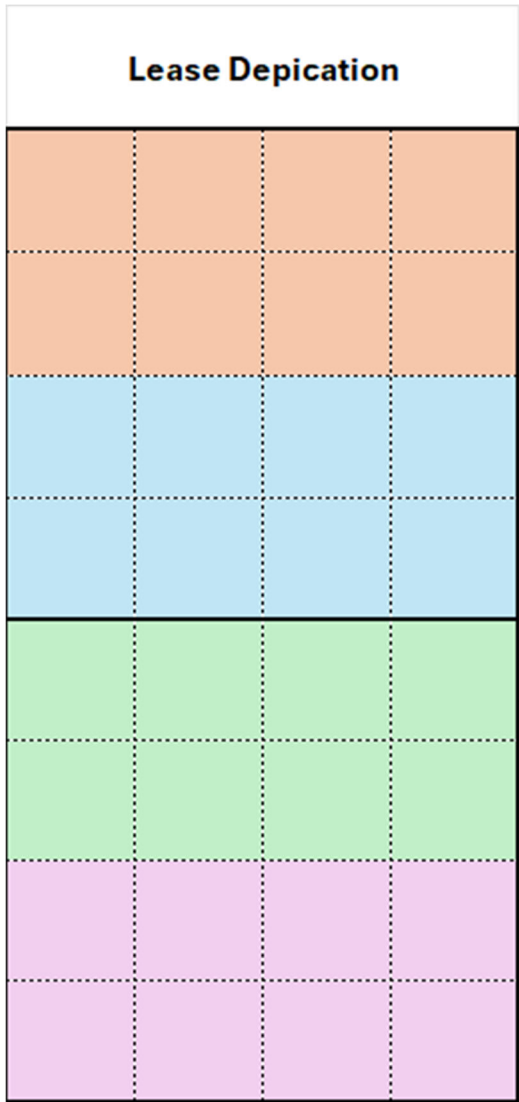
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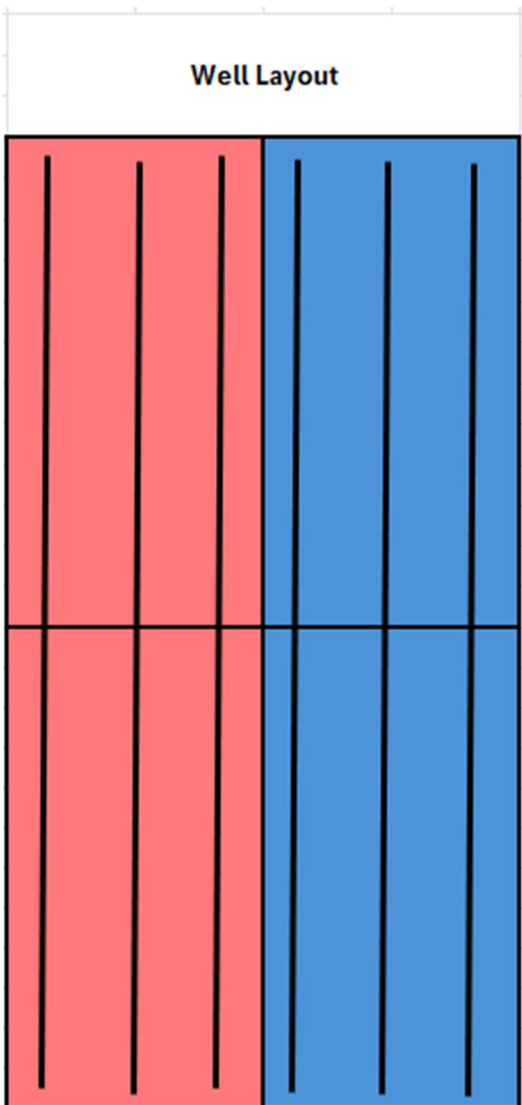
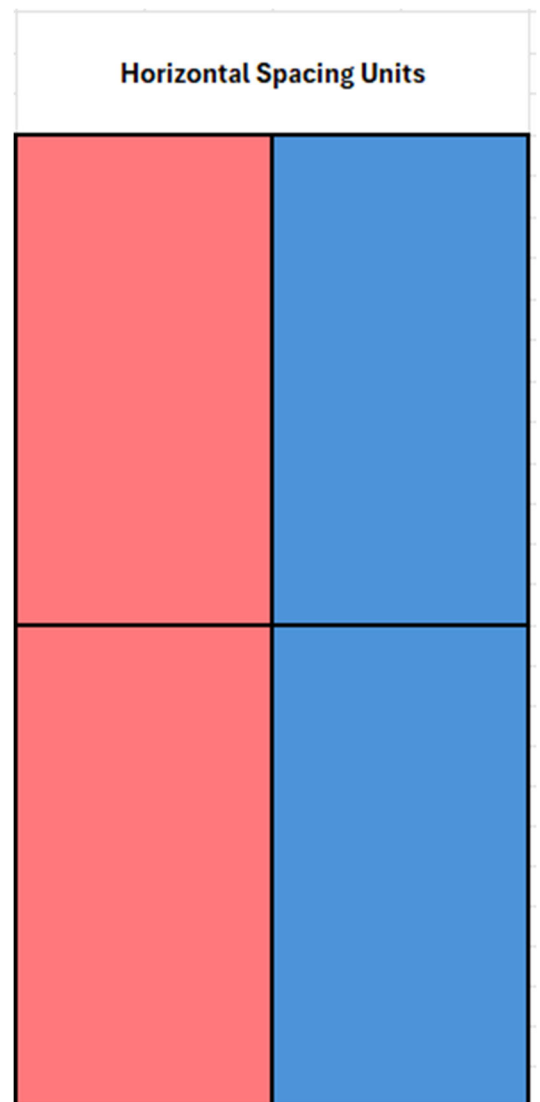
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Grama Ridge State Com- W2 Section 34, T21S-34E & W2 Section 3, T22S-R34E



Lease Info	
	V0-5683-02 RT: MRC Hat Mesa, LLC
	E0-9659-00 RT: Chevron USA, Inc
	E0-9141-02 RT: Apache Corporation
	B0-0158-19 RT: Apache Corporatiion



Overlapping Spacing Units			
Gramma Ridge East 34 2BS State Com 006H	Gramma Ridge 2BS State Com 007H, Gramma Ridge 34 State Com 3BS 003H		Gramma Ridge East 34 2BS State Com 009H
Ram 3 B2MD State Com 001H, Ram 3B3MD State Com 002H, Ram B2MD State Com 002H	Ram 3 B2NC State Com 001H, Ram 3 B3NC State Com 001	Ram 3 B2OB State Com 002H, Ram 3 B3OB State Com 001H, Ram 3 B2OB	Ram 3 B3PA State Com 001H, Ram 3 B2PA State Com 002H

Tract Ownership

NW/4 Section 3, T22S-R34E

<u>OWNERS</u>	<u>TYPE</u>	<u>TRACT WI</u>
Permian Resources Operating, LLC	WI	73.00%
Mewbourne Oil Company	WI	15.28%
Mewbourne Energy Partners 17-A, LP	WI	2.25%
CWM 2000-B, Ltd.	WI	4.88%
CWM 2000-B II, Ltd.	WI	0.75%
3MG Corporation	WI	3.34%
Mewbourne Development Corporation	WI	0.75%
TOTAL:		<u>100%</u>

SW/4 Section 3, T22S-R34E

<u>OWNERS</u>	<u>TYPE</u>	<u>TRACT WI</u>
Permian Resources Operating, LLC	WI	73.00%
Mewbourne Oil Company	WI	15.28%
Mewbourne Energy Partners 17-A, LP	WI	2.25%
CWM 2000-B, Ltd.	WI	4.88%
CWM 2000-B II, Ltd.	WI	0.75%
3MG Corporation	WI	3.34%
Mewbourne Development Corporation	WI	0.75%
TOTAL:		<u>100%</u>

SW/4 of Section 34, T21S, R34E

<u>OWNERS</u>	<u>TYPE</u>	<u>TRACT OR</u>
Earthstone Permian LLC	WI	65.86%
CL&F Operating LLC	WI	18.75%
MRC Hat Mesa, LLC	WI	15.39%
TOTAL:		<u>100%</u>

N/2 Section 34, R34E

<u>OWNERS</u>	<u>TYPE</u>	<u>TRACT WI</u>
Earthstone Permian LLC	WI	74.92%
CL&F Operating LLC	WI	25.00%
Timothy R. MacDonald	WI	0.08%
TOTAL:		<u>100%</u>

Unit Recap

OR - OWNER	DSU WI
Permian Resources Operating, LLC Total	36.56%
Earthstone Permian LLC Total	35.02%
3MG Corporation Total	1.68%
CL&F Operating LLC Total	10.88%
CWM 2000-B II, Ltd. Total	0.38%
CWM 2000-B, Ltd. Total	2.45%
Mewbourne Development Corporation Total	0.38%
Mewbourne Energy Partners 17-A, LP Total	1.13%
Mewbourne Oil Company Total	7.68%
MRC Hat Mesa, LLC Total	3.83%
Timothy R. MacDonald Total	0.02%
Total	100%



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

OFFICE 432.695.4222
FAX 432.695.4063

January 9, 2026

via Certified Mail

CL&F Operating, LLC
1700 City Plaza Drive, Suite 360
Spring, TX 77389

RE: Grama Ridge State Com – Well Proposal
All of Section 34, T21S-34E and All of Section 3, T22S-R34E
Lea County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC (“Permian”), hereby proposes the drilling and completion of the following six (6) wells, the Grama Ridge wells at the following approximate location within Township 22 South, Range 34 East and Township 21S, Range 34 East:

1. Grama Ridge State Com 1H

SHL: A legal location in the S2 of Section 3, T22S-R34E
BHL: 100’ FNL 330’ FWL of Section 34, T21S-R34E
FTP: 100’ FSL 330’ FWL of Section 3, T22S-R34E
LTP: 100’ FNL 330’ FWL of Section 34, T21S-R34E
TVD: Approximately 9,610’
TMD: Approximately 20,110’
Proration Unit: W2 of Section 34, T21S-R34E and W2 of Section 3, T22S-R34E
Targeted Interval: 1st Bone Spring

2. Grama Ridge State Com 2H

SHL: A legal location in the S2 of Section 3, T22S-R34E
BHL: 100’ FNL 1,210’ FWL of Section 34, T21S-R34E
FTP: 100’ FSL 1,210’ FWL of Section 3, T22S-R34E
LTP: 100’ FNL 1,210’ FWL of Section 34, T21S-R34E
TVD: Approximately 9,760’
TMD: Approximately 20,260’
Proration Unit: W2 of Section 34, T21S-R34E and W2 of Section 3, T22S-R34E
Targeted Interval: 1st Bone Spring

3. Grama Ridge State Com 3H

SHL: A legal location in the S2 of Section 3, T22S-R34E
BHL: 100’ FNL 2,090’ FWL of Section 34, T21S-R34E
FTP: 100’ FSL 2,090’ FWL of Section 3, T22S-R34E
LTP: 100’ FNL 2,090’ FWL of Section 34, T21S-R34E
TVD: Approximately 9,610’
TMD: Approximately 20,110’
Proration Unit: W2 of Section 34, T21S-R34E and W2 of Section 3, T22S-R34E
Targeted Interval: 1st Bone Spring

Permian Resources Operating, LLC
Case No. 26108
Exhibit A-4

4. Grama Ridge State Com 4H

SHL: A legal location in the S2 of Section 3, T22S-R34E

BHL: 100' FNL 2,310' FEL of Section 34, T21S-R34E

FTP: 100' FSL 2,310' FEL of Section 3, T22S-R34E

LTP: 100' FNL 2,310' FEL of Section 34, T21S-R34E

TVD: Approximately 9,760'

TMD: Approximately 20,260'

Proration Unit: E2 of Section 34, T21S-R34E and E2 of Section 3, T22S-R34E

Targeted Interval: 1st Bone Spring

5. Grama Ridge State Com 5H

SHL: A legal location in the S2 of Section 3, T22S-R34E

BHL: 100' FNL 1,430' FEL of Section 34, T21S-R34E

FTP: 100' FSL 1,430' FEL of Section 3, T22S-R34E

LTP: 100' FNL 1,430' FEL of Section 34, T21S-R34E

TVD: Approximately 9,610'

TMD: Approximately 20,110'

Proration Unit: E2 of Section 34, T21S-R34E and E2 of Section 3, T22S-R34E

Targeted Interval: 1st Bone Spring

6. Grama Ridge State Com 6H

SHL: A legal location in the S2 of Section 3, T22S-R34E

BHL: 100' FNL 550' FEL of Section 34, T21S-R34E

FTP: 100' FSL 550' FEL of Section 3, T22S-R34E

LTP: 100' FNL 550' FEL of Section 34, T21S-R34E

TVD: Approximately 9,760'

TMD: Approximately 20,260'

Proration Unit: E2 of Section 34, T21S-R34E and E2 of Section 3, T22S-R34E

Targeted Interval: 1st Bone Spring

The locations, TVDs, and targets are approximate and subject to change dependent on surface or subsurface issues encountered. Permian is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement is enclosed. The Operating Agreement has the following general provisions:

- 100%/300%/300% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Permian Resources Operating, LLC named as Operator

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

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

Thank you for your time and consideration, if you have any questions at all, please don't hesitate to contact me at 432.695.422 or by email at Reagan.armstrong@permianres.com

Respectfully,

A handwritten signature in blue ink, appearing to read 'Reagan Armstrong', with a large, sweeping flourish extending to the right.

Reagan Armstrong
Landman

Enclosures

Grama Ridge State Com Elections:

<u>Well Name</u>	<u>PARTICIPATE</u> in the <u>Drilling and Completion:</u>	<u>NON-CONSENT</u> to the <u>Drilling and Completion:</u>
Grama Ridge State Com 1H		
Grama Ridge State Com 2H		
Grama Ridge State Com 3H		
Grama Ridge State Com 4H		
Grama Ridge State Com 5H		
Grama Ridge State Com 6H		

CL&F Operating, LLC

By: _____

Printed Name: _____

Date: _____

Participate / Rejection Declaration

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

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

Agreed this _____ day of _____, 2026 by:

CL&F Operating, LLC

By: _____

Printed Name: _____

Title: _____

COST ESTIMATE

AFE Number:		AFE TYPE: Drill and Complete
AFE Name:	Grama Ridge 34 East 1H	
Well Operator:	PERMIAN RESOURCES	
Operator AFE #:		

Account	Description	Gross Est. (\$)
Drilling Intangible		
8015.1000	IDC - PERMITS,LICENSES,ETC	17,250.00
8015.1100	IDC - STAKING & SURVEYING	17,250.00
8015.1200	IDC - LEGAL, TITLE SERVICES	14,950.00
8015.1300	IDC - SURFACE DAMAGE / ROW	40,250.00
8015.1310	IDC - PERMANENT EASEMENT	13,800.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	109,968.75
8015.1500	IDC - RIG MOB / TRUCKING	114,306.41
8015.1600	IDC - RIG MOB / STANDBY RATE	39,560.00
8015.1700	IDC - DAYWORK CONTRACT	588,455.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	242,737.69
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	48,875.00
8015.2150	IDC - DRILL BIT	112,700.00
8015.2200	IDC - TOOLS, STABILIZERS	65,550.00
8015.2300	IDC - FUEL / POWER	122,309.69
8015.2350	IDC - Fuel / Mud	72,320.63
8015.2400	IDC - RIG WATER	20,125.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	192,831.37
8015.2700	IDC - INSPECTION, TESTING & REPAIR	42,550.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	278,415.00
8015.3100	IDC - CASING CREW & TOOLS	72,450.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	31,050.00
8015.3400	IDC - MATERIALS & SUPPLIES	5,750.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	22,540.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	63,293.13
8015.3700	IDC - DISPOSAL	122,481.90
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	14,375.00
8015.4100	IDC - RENTAL EQUIPMENT	80,500.00
8015.4200	IDC - MANCAMP	38,640.00
8015.4300	IDC - WELLSITE SUPERVISION	93,380.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL	17,710.00
8015.5000	IDC - WELL CONTROL INSURANCE	8,855.00
8015.5200	IDC - CONTINGENCY	122,635.33
	Sub-total	2,847,864.88
Flowback Intangible		
8040.1100	IFC - ROAD, LOCATIONS, PITS	2,300.00
8040.1899	IFC - FRAC WATER RECOVERY	395,735.40
8040.2000	IFC - TRUCKING/VACUUM/TRANSP	9,200.00
8040.2900	IFC - FRAC FLOWBACK	155,250.00
8040.3400	IFC - RENTAL EQUIPMENT	11,500.00
8040.3420	IFC - TANK RENTALS	13,800.00
8040.3430	IFC - SURFACE PUMP RENTAL	13,800.00
8040.3500	IFC - WELLSITE SUPERVISION	13,800.00
8040.4000	IFC - CHEMICALS	16,100.00
	Sub-total	631,485.40

COST ESTIMATE

Account	Description	Gross Est. (\$)
Artificial Lift Intangible		
8060.1100	IAL - ROAD, LOCATIONS, PITS	2,300.00
8060.1200	IAL - WORKOVER RIG	23,000.00
8060.1210	IAL - SPOOLING SERVICES	11,500.00
8060.1900	IAL - INSPECTION & TESTING	3,450.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP	5,750.00
8060.2010	IAL - KILL TRUCK	5,750.00
8060.2300	IAL - COMPLETION FLUIDS	5,750.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT	17,250.00
8060.3400	IAL - RENTAL EQUIPMENT	17,250.00
8060.3410	IAL - LAYDOWN MACHINE	5,750.00
8060.3420	IAL - REVERSE UNIT RENTAL	5,750.00
8060.3500	IAL - WELLSITE SUPERVISION	11,500.00
	Sub-total	115,000.00
Drilling Tangible		
8020.1100	TDC - CASING - SURFACE	105,747.17
8020.1200	TDC - CASING - INTERMEDIATE - 1	223,854.22
8020.1400	TDC - CASING - PRODUCTION	703,764.79
8020.1500	TDC - WELLHEAD EQUIPMENT	61,093.75
	Sub-total	1,094,459.93
Pipeline		
8036.1300	PLN - SURFACE DAMAGE / ROW	410.71
8036.1310	PLN - PEMANENT EASEMENT	26,763.64
8036.1700	PLN- RENTALS	4,107.14
8036.2100	PLN - INSPECTION & TESTING	1,232.14
8036.2200	PLN - LABOR	73,600.00
8036.2400	PLN - SUPERVISION	821.43
8036.2800	PLN - FLOWLINE	55,200.00
8036.3200	PLN - VALVES FITTINGS & PIPE	11,500.00
	Sub-total	173,635.06
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	12,075.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	44,045.00
8025.1500	ICC - FUEL / POWER	305,429.91
8025.1600	ICC - COILED TUBING	331,200.00
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	24,753.75
8025.2000	ICC - TRUCKING	16,531.25
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	318,478.13
8025.2300	ICC - COMPLETION FLUIDS	11,500.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	1,604,632.85
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	17,250.00
8025.3000	ICC - WATER HANDLING	240,952.38
8025.3050	ICC - SOURCE WATER	289,142.86
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	46,000.00
8025.3400	ICC - RENTAL EQUIPMENT	191,578.50
8025.3500	ICC - WELLSITE SUPERVISION	60,547.50

COST ESTIMATE

Account	Description	Gross Est. (\$)
8025.3600	ICC - SUPERVISION/ENGINEERING	5,750.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	17,250.00
8025.3800	ICC - OVERHEAD	11,500.00
	Sub-total	3,548,617.12
Facilities		
8035.1300	FAC - SURFACE DAMAGE / ROW	410.71
8035.1310	FAC - PERMANENT EASEMENT	3,285.71
8035.1400	FAC - ROAD LOCATIONS PITS	24,642.86
8035.1500	FAC - MATERIALS & SUPPLIES	3,696.43
8035.1600	FAC - TRANSPORTATION TRUCKING	1,642.86
8035.1700	FAC - RENTAL EQUIPMENT	6,571.43
8035.1800	FAC - FUEL / POWER	3,285.71
8035.1900	FAC - WATER DISPOSAL / SWD	164.29
8035.2100	FAC - INSPECTION & TESTING	410.71
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	24,642.86
8035.2400	FAC - SUPERVISION	5,750.00
8035.2500	FAC - CONSULTING SERVICES	410.71
8035.2900	FAC - TANK BATTERY	36,964.29
8035.3000	FAC - HEATER TREATER/SEPARATOR	103,500.00
8035.3100	FAC - DEHYDRATOR EQUIPMENT	1,232.14
8035.3200	FAC - VALVES FITTINGS & PIPE	41,071.43
8035.3300	FAC - CIRCULATING TRANSFER PUMP	10,678.57
8035.3400	FAC - METER & LACT	6,571.43
8035.3500	FAC - COMPRESSOR	3,285.71
8035.3600	FAC - ELECTRICAL	28,750.00
8035.3700	FAC - COMM TELEMETRY & AUTOMAT	20,535.71
8035.3800	FAC - FLARE/COMBUSTER	13,142.86
8035.4000	FAC - SAFETY / ENVIRONMENTAL	328.57
8035.4400	FAC - COMPANY LABOR	410.71
8035.4500	FAC - CONTINGENCY	7,269.64
	Sub-total	348,655.36
Artificial Lift Tangible		
8065.1100	TAL - TUBING	63,250.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT	17,250.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL	138,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT	57,500.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL	86,250.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL	23,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS	17,250.00
8065.3100	TAL - MEASUREMENT EQUIPMENT	5,750.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA	5,750.00
	Sub-total	414,000.00
Completion Tangible		
8030.2000	TCC - WELLHEAD EQUIPMENT	54,337.50
	Sub-total	54,337.50
	Grand Total	9,228,055.25

COST ESTIMATE

AFE Number:		AFE TYPE: Drill and Complete
AFE Name:	Grama Ridge 34 East 2H	
Well Operator:	PERMIAN RESOURCES	
Operator AFE #:		

Account	Description	Gross Est. (\$)
Drilling Intangible		
8015.1000	IDC - PERMITS,LICENSES,ETC	17,250.00
8015.1100	IDC - STAKING & SURVEYING	17,250.00
8015.1200	IDC - LEGAL, TITLE SERVICES	14,950.00
8015.1300	IDC - SURFACE DAMAGE / ROW	40,250.00
8015.1310	IDC - PERMANENT EASEMENT	13,800.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	109,968.75
8015.1500	IDC - RIG MOB / TRUCKING	114,306.41
8015.1600	IDC - RIG MOB / STANDBY RATE	39,560.00
8015.1700	IDC - DAYWORK CONTRACT	588,455.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	242,737.69
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	48,875.00
8015.2150	IDC - DRILL BIT	112,700.00
8015.2200	IDC - TOOLS, STABILIZERS	65,550.00
8015.2300	IDC - FUEL / POWER	122,309.69
8015.2350	IDC - Fuel / Mud	72,320.63
8015.2400	IDC - RIG WATER	20,125.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	192,831.37
8015.2700	IDC - INSPECTION, TESTING & REPAIR	42,550.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	278,415.00
8015.3100	IDC - CASING CREW & TOOLS	72,450.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	31,050.00
8015.3400	IDC - MATERIALS & SUPPLIES	5,750.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	22,540.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	63,293.13
8015.3700	IDC - DISPOSAL	122,481.90
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	14,375.00
8015.4100	IDC - RENTAL EQUIPMENT	80,500.00
8015.4200	IDC - MANCAMP	38,640.00
8015.4300	IDC - WELLSITE SUPERVISION	93,380.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL	17,710.00
8015.5000	IDC - WELL CONTROL INSURANCE	8,855.00
8015.5200	IDC - CONTINGENCY	122,635.33
	Sub-total	2,847,864.88
Flowback Intangible		
8040.1100	IFC - ROAD, LOCATIONS, PITS	2,300.00
8040.1899	IFC - FRAC WATER RECOVERY	395,735.40
8040.2000	IFC - TRUCKING/VACUUM/TRANSP	9,200.00
8040.2900	IFC - FRAC FLOWBACK	155,250.00
8040.3400	IFC - RENTAL EQUIPMENT	11,500.00
8040.3420	IFC - TANK RENTALS	13,800.00
8040.3430	IFC - SURFACE PUMP RENTAL	13,800.00
8040.3500	IFC - WELLSITE SUPERVISION	13,800.00
8040.4000	IFC - CHEMICALS	16,100.00
	Sub-total	631,485.40

COST ESTIMATE

Account	Description	Gross Est. (\$)
Artificial Lift Intangible		
8060.1100	IAL - ROAD, LOCATIONS, PITS	2,300.00
8060.1200	IAL - WORKOVER RIG	23,000.00
8060.1210	IAL - SPOOLING SERVICES	11,500.00
8060.1900	IAL - INSPECTION & TESTING	3,450.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP	5,750.00
8060.2010	IAL - KILL TRUCK	5,750.00
8060.2300	IAL - COMPLETION FLUIDS	5,750.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT	17,250.00
8060.3400	IAL - RENTAL EQUIPMENT	17,250.00
8060.3410	IAL - LAYDOWN MACHINE	5,750.00
8060.3420	IAL - REVERSE UNIT RENTAL	5,750.00
8060.3500	IAL - WELLSITE SUPERVISION	11,500.00
	Sub-total	115,000.00
Drilling Tangible		
8020.1100	TDC - CASING - SURFACE	105,747.17
8020.1200	TDC - CASING - INTERMEDIATE - 1	223,854.22
8020.1400	TDC - CASING - PRODUCTION	703,764.79
8020.1500	TDC - WELLHEAD EQUIPMENT	61,093.75
	Sub-total	1,094,459.93
Pipeline		
8036.1300	PLN - SURFACE DAMAGE / ROW	410.71
8036.1310	PLN - PEMANENT EASEMENT	26,763.64
8036.1700	PLN- RENTALS	4,107.14
8036.2100	PLN - INSPECTION & TESTING	1,232.14
8036.2200	PLN - LABOR	73,600.00
8036.2400	PLN - SUPERVISION	821.43
8036.2800	PLN - FLOWLINE	55,200.00
8036.3200	PLN - VALVES FITTINGS & PIPE	11,500.00
	Sub-total	173,635.06
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	12,075.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	44,045.00
8025.1500	ICC - FUEL / POWER	305,429.91
8025.1600	ICC - COILED TUBING	331,200.00
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	24,753.75
8025.2000	ICC - TRUCKING	16,531.25
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	318,478.13
8025.2300	ICC - COMPLETION FLUIDS	11,500.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	1,604,632.85
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	17,250.00
8025.3000	ICC - WATER HANDLING	240,952.38
8025.3050	ICC - SOURCE WATER	289,142.86
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	46,000.00
8025.3400	ICC - RENTAL EQUIPMENT	191,578.50
8025.3500	ICC - WELLSITE SUPERVISION	60,547.50

COST ESTIMATE

Account	Description	Gross Est. (\$)
8025.3600	ICC - SUPERVISION/ENGINEERING	5,750.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	17,250.00
8025.3800	ICC - OVERHEAD	11,500.00
	Sub-total	3,548,617.12
Facilities		
8035.1300	FAC - SURFACE DAMAGE / ROW	410.71
8035.1310	FAC - PERMANENT EASEMENT	3,285.71
8035.1400	FAC - ROAD LOCATIONS PITS	24,642.86
8035.1500	FAC - MATERIALS & SUPPLIES	3,696.43
8035.1600	FAC - TRANSPORTATION TRUCKING	1,642.86
8035.1700	FAC - RENTAL EQUIPMENT	6,571.43
8035.1800	FAC - FUEL / POWER	3,285.71
8035.1900	FAC - WATER DISPOSAL / SWD	164.29
8035.2100	FAC - INSPECTION & TESTING	410.71
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	24,642.86
8035.2400	FAC - SUPERVISION	5,750.00
8035.2500	FAC - CONSULTING SERVICES	410.71
8035.2900	FAC - TANK BATTERY	36,964.29
8035.3000	FAC - HEATER TREATER/SEPARATOR	103,500.00
8035.3100	FAC - DEHYDRATOR EQUIPMENT	1,232.14
8035.3200	FAC - VALVES FITTINGS & PIPE	41,071.43
8035.3300	FAC - CIRCULATING TRANSFER PUMP	10,678.57
8035.3400	FAC - METER & LACT	6,571.43
8035.3500	FAC - COMPRESSOR	3,285.71
8035.3600	FAC - ELECTRICAL	28,750.00
8035.3700	FAC - COMM TELEMETRY & AUTOMAT	20,535.71
8035.3800	FAC - FLARE/COMBUSTER	13,142.86
8035.4000	FAC - SAFETY / ENVIRONMENTAL	328.57
8035.4400	FAC - COMPANY LABOR	410.71
8035.4500	FAC - CONTINGENCY	7,269.64
	Sub-total	348,655.36
Artificial Lift Tangible		
8065.1100	TAL - TUBING	63,250.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT	17,250.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL	138,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT	57,500.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL	86,250.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL	23,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS	17,250.00
8065.3100	TAL - MEASUREMENT EQUIPMENT	5,750.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA	5,750.00
	Sub-total	414,000.00
Completion Tangible		
8030.2000	TCC - WELLHEAD EQUIPMENT	54,337.50
	Sub-total	54,337.50
	Grand Total	9,228,055.25

COST ESTIMATE

AFE Number:		AFE TYPE: Drill and Complete
AFE Name:	Grama Ridge 34 East 3H	
Well Operator:	PERMIAN RESOURCES	
Operator AFE #:		

Account	Description	Gross Est. (\$)
Drilling Intangible		
8015.1000	IDC - PERMITS,LICENSES,ETC	17,250.00
8015.1100	IDC - STAKING & SURVEYING	17,250.00
8015.1200	IDC - LEGAL, TITLE SERVICES	14,950.00
8015.1300	IDC - SURFACE DAMAGE / ROW	40,250.00
8015.1310	IDC - PERMANENT EASEMENT	13,800.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	109,968.75
8015.1500	IDC - RIG MOB / TRUCKING	114,306.41
8015.1600	IDC - RIG MOB / STANDBY RATE	39,560.00
8015.1700	IDC - DAYWORK CONTRACT	588,455.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	242,737.69
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	48,875.00
8015.2150	IDC - DRILL BIT	112,700.00
8015.2200	IDC - TOOLS, STABILIZERS	65,550.00
8015.2300	IDC - FUEL / POWER	122,309.69
8015.2350	IDC - Fuel / Mud	72,320.63
8015.2400	IDC - RIG WATER	20,125.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	192,831.37
8015.2700	IDC - INSPECTION, TESTING & REPAIR	42,550.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	278,415.00
8015.3100	IDC - CASING CREW & TOOLS	72,450.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	31,050.00
8015.3400	IDC - MATERIALS & SUPPLIES	5,750.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	22,540.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	63,293.13
8015.3700	IDC - DISPOSAL	122,481.90
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	14,375.00
8015.4100	IDC - RENTAL EQUIPMENT	80,500.00
8015.4200	IDC - MANCAMP	38,640.00
8015.4300	IDC - WELLSITE SUPERVISION	93,380.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL	17,710.00
8015.5000	IDC - WELL CONTROL INSURANCE	8,855.00
8015.5200	IDC - CONTINGENCY	122,635.33
	Sub-total	2,847,864.88
Flowback Intangible		
8040.1100	IFC - ROAD, LOCATIONS, PITS	2,300.00
8040.1899	IFC - FRAC WATER RECOVERY	395,735.40
8040.2000	IFC - TRUCKING/VACUUM/TRANSP	9,200.00
8040.2900	IFC - FRAC FLOWBACK	155,250.00
8040.3400	IFC - RENTAL EQUIPMENT	11,500.00
8040.3420	IFC - TANK RENTALS	13,800.00
8040.3430	IFC - SURFACE PUMP RENTAL	13,800.00
8040.3500	IFC - WELLSITE SUPERVISION	13,800.00
8040.4000	IFC - CHEMICALS	16,100.00
	Sub-total	631,485.40

COST ESTIMATE

Account	Description	Gross Est. (\$)
Artificial Lift Intangible		
8060.1100	IAL - ROAD, LOCATIONS, PITS	2,300.00
8060.1200	IAL - WORKOVER RIG	23,000.00
8060.1210	IAL - SPOOLING SERVICES	11,500.00
8060.1900	IAL - INSPECTION & TESTING	3,450.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP	5,750.00
8060.2010	IAL - KILL TRUCK	5,750.00
8060.2300	IAL - COMPLETION FLUIDS	5,750.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT	17,250.00
8060.3400	IAL - RENTAL EQUIPMENT	17,250.00
8060.3410	IAL - LAYDOWN MACHINE	5,750.00
8060.3420	IAL - REVERSE UNIT RENTAL	5,750.00
8060.3500	IAL - WELLSITE SUPERVISION	11,500.00
	Sub-total	115,000.00
Drilling Tangible		
8020.1100	TDC - CASING - SURFACE	105,747.17
8020.1200	TDC - CASING - INTERMEDIATE - 1	223,854.22
8020.1400	TDC - CASING - PRODUCTION	703,764.79
8020.1500	TDC - WELLHEAD EQUIPMENT	61,093.75
	Sub-total	1,094,459.93
Pipeline		
8036.1300	PLN - SURFACE DAMAGE / ROW	410.71
8036.1310	PLN - PEMANENT EASEMENT	26,763.64
8036.1700	PLN- RENTALS	4,107.14
8036.2100	PLN - INSPECTION & TESTING	1,232.14
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8036.2400	PLN - SUPERVISION	821.43
8036.2800	PLN - FLOWLINE	55,200.00
8036.3200	PLN - VALVES FITTINGS & PIPE	11,500.00
	Sub-total	173,635.06
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	12,075.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	44,045.00
8025.1500	ICC - FUEL / POWER	305,429.91
8025.1600	ICC - COILED TUBING	331,200.00
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	24,753.75
8025.2000	ICC - TRUCKING	16,531.25
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8025.2300	ICC - COMPLETION FLUIDS	11,500.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	1,604,632.85
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	17,250.00
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8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	46,000.00
8025.3400	ICC - RENTAL EQUIPMENT	191,578.50
8025.3500	ICC - WELLSITE SUPERVISION	60,547.50

COST ESTIMATE

Account	Description	Gross Est. (\$)
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8025.3700	ICC - SAFETY / ENVIRONMENTAL	17,250.00
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	Sub-total	3,548,617.12
Facilities		
8035.1300	FAC - SURFACE DAMAGE / ROW	410.71
8035.1310	FAC - PERMANENT EASEMENT	3,285.71
8035.1400	FAC - ROAD LOCATIONS PITS	24,642.86
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8035.1900	FAC - WATER DISPOSAL / SWD	164.29
8035.2100	FAC - INSPECTION & TESTING	410.71
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	24,642.86
8035.2400	FAC - SUPERVISION	5,750.00
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8035.3100	FAC - DEHYDRATOR EQUIPMENT	1,232.14
8035.3200	FAC - VALVES FITTINGS & PIPE	41,071.43
8035.3300	FAC - CIRCULATING TRANSFER PUMP	10,678.57
8035.3400	FAC - METER & LACT	6,571.43
8035.3500	FAC - COMPRESSOR	3,285.71
8035.3600	FAC - ELECTRICAL	28,750.00
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8035.4000	FAC - SAFETY / ENVIRONMENTAL	328.57
8035.4400	FAC - COMPANY LABOR	410.71
8035.4500	FAC - CONTINGENCY	7,269.64
	Sub-total	348,655.36
Artificial Lift Tangible		
8065.1100	TAL - TUBING	63,250.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT	17,250.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL	138,000.00
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8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL	23,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS	17,250.00
8065.3100	TAL - MEASUREMENT EQUIPMENT	5,750.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA	5,750.00
	Sub-total	414,000.00
Completion Tangible		
8030.2000	TCC - WELLHEAD EQUIPMENT	54,337.50
	Sub-total	54,337.50
	Grand Total	9,228,055.25

Communication Summary	
Party	Date
CL&F Operating, LLC	1/12/26- PR mailed certified mail copies of the preorder proposals. 1/15/26- CL&F emailed to ask for the spud, first production, and working interest. 1/21/26- PR emailed back stating the estimated spud date. 1/27/26- CL&F emailed to ask for our Geologist contact to ask questions and PR passed his email along. 1/29/26- PR emailed a copy of the proposed JOA and CL&F executed the JOA.
Timothy R. MacDonald	1/12/2026- PR mailed certified copies of preorder proposals.
MRC Hat Mesa, LLC	1/12/2026- PR mailed certified copies of preorder proposals.
Mewbourne Oil Company	1/12/26- PR mailed certified mail copies of the preorder proposals. PR reached out to Mewbourne Via email with no response.
CWM 2000-B Ltd.	(Same as Mewbourne Oil)
3MG Corporation	(Same as Mewbourne Oil)
Mewbourne Energy Partners 17-A.L.P	(Same as Mewbourne Oil)
Mewbourne Development Corporation	(Same as Mewbourne Oil)
CWM 2000-B II, Ltd.	(Same as Mewbourne Oil)

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

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

CASE NO. 26108

**SELF-AFFIRMED STATEMENT
OF COLE HENDRICKSON**

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

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

3. **Exhibit B-1** is a regional locator map that identifies the Gramma Ridge project area, in proximity to the Capitan Reef within the Delaware Basin, for the Bone Spring horizontal spacing units that are the subject of these applications.

4. **Exhibit B-2** is a cross section location map for the proposed horizontal spacing units within the Bone Spring formation. The approximate wellbore paths for the proposed **Gramma Ridge State Com 1H, Gramma Ridge State Com 2H, and Gramma Ridge State Com 3H** wells (“Wells”) are represented by dashed green lines. Existing producing wells in the targeted interval are represented by solid green lines. This map identifies the cross-section running from A-A’ with the cross-section wells name and a black line in proximity to the proposed Wells.

5. **Exhibit B-3** is a Subsea Structure map of the Bone Spring formation in TVD subsea with a contour interval of 100 ft. The map identifies the approximate wellbore paths for the

**Permian Resources Operating, LLC
Case No. 26108
Exhibit B**

proposed Wells with green dashed lines. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Wells. The data points are indicated by red triangles. The map demonstrates the formation is gently dipping to the west in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

6. **Exhibit B-4** identifies two wells penetrating the targeted interval, which I used to construct a stratigraphic cross-section from A to A'. It contains gamma ray, resistivity, and porosity logs. The cross section is oriented from north to south and is hung on the top of the Bone Spring formation. The proposed landing zone for the Wells is labeled on the exhibit. The approximate well-paths for the proposed Wells are indicated by dashed green lines. This cross-section demonstrates the target interval is continuous across the Unit.

7. **Exhibit B-5** is a gun barrel diagram that shows the proposed Wells in the Bone Spring formation. The spacing unit is defined by a blue box and is labeled with the case number.

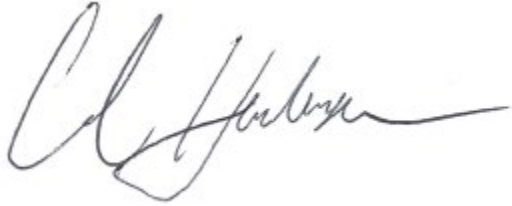
8. In my opinion, a stand-up orientation for the Wells is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and is the preferred fracture orientation in this portion of the trend.

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

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

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

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



05/01/2026

COLE HENDRICKSON

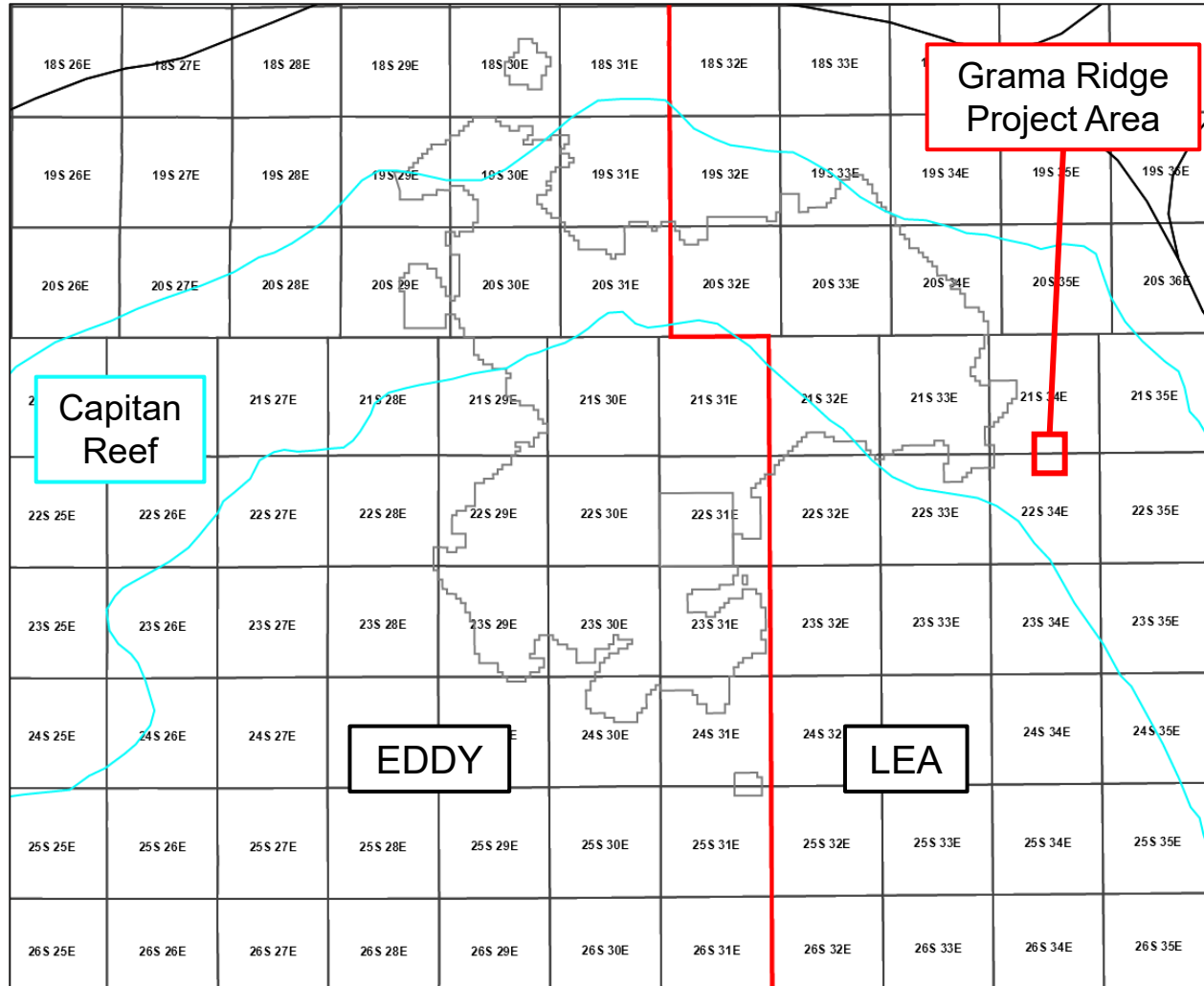
DATE

Regional Locator Map

Grana Ridge State Com

Permian Resources Operating, LLC
Case No. 26108
Exhibit B-1

Exhibit B-1

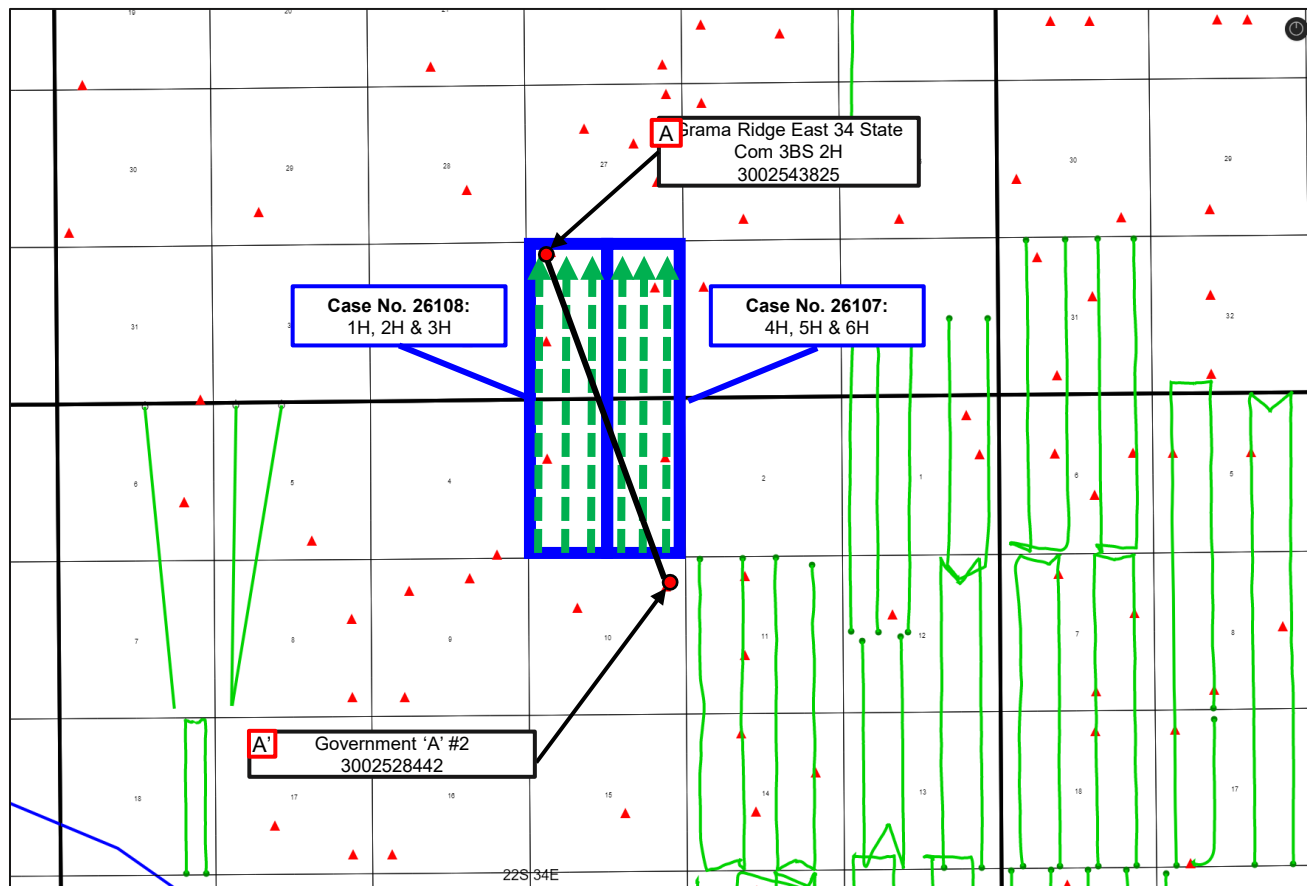


Cross-Section Locator Map

Grama Ridge State Com

Permian Resources Operating, LLC
Case No. 26108
Exhibit B-2

Exhibit B-2

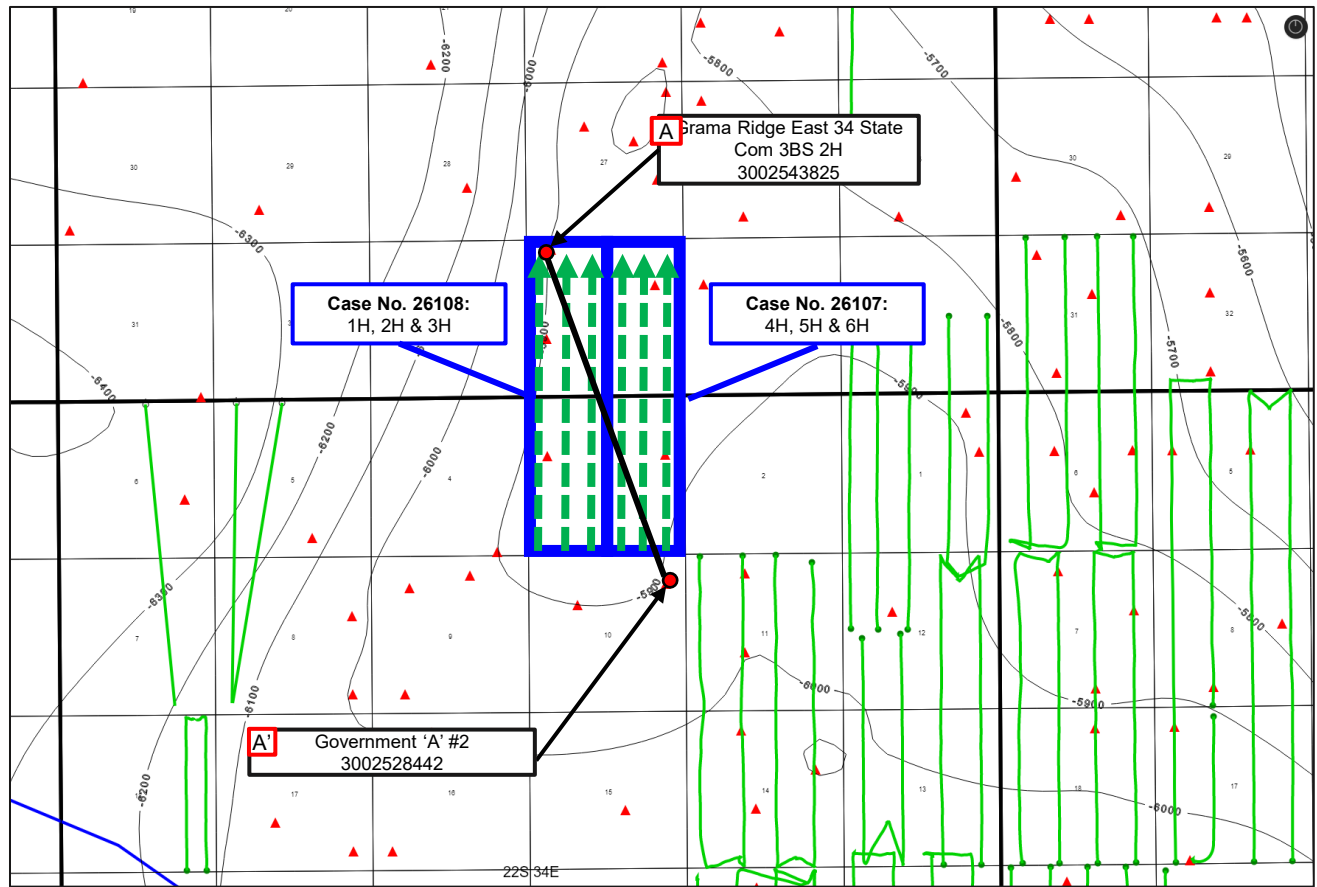


FBSG Sand Structure Map

Grama Ridge State Com

Permian Resources Operating, LLC
Case No. 26108
Exhibit B-3

Exhibit B-3



CI: 100'

Stratigraphic Cross-Section A-A'

Grama Ridge State Com

Permian Resources Operating, LLC
Case No. 26108
Exhibit B-4

Exhibit B-4

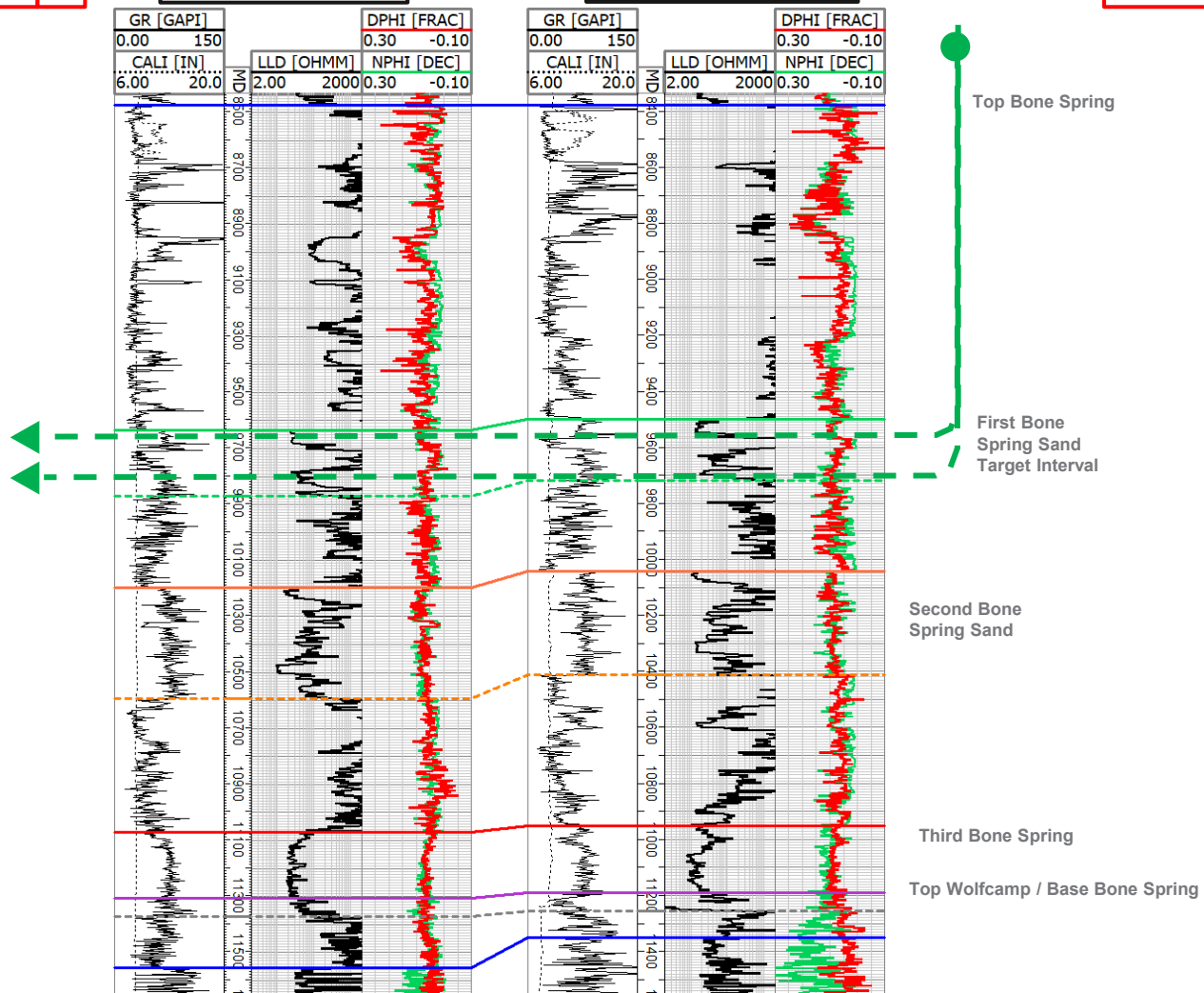


North **A**

Grama Ridge East 34 State
Com 3BS 2H
3002543825

Government 'A' #2
3002528442

South **A'**



Proposed Target

FBSG Sand

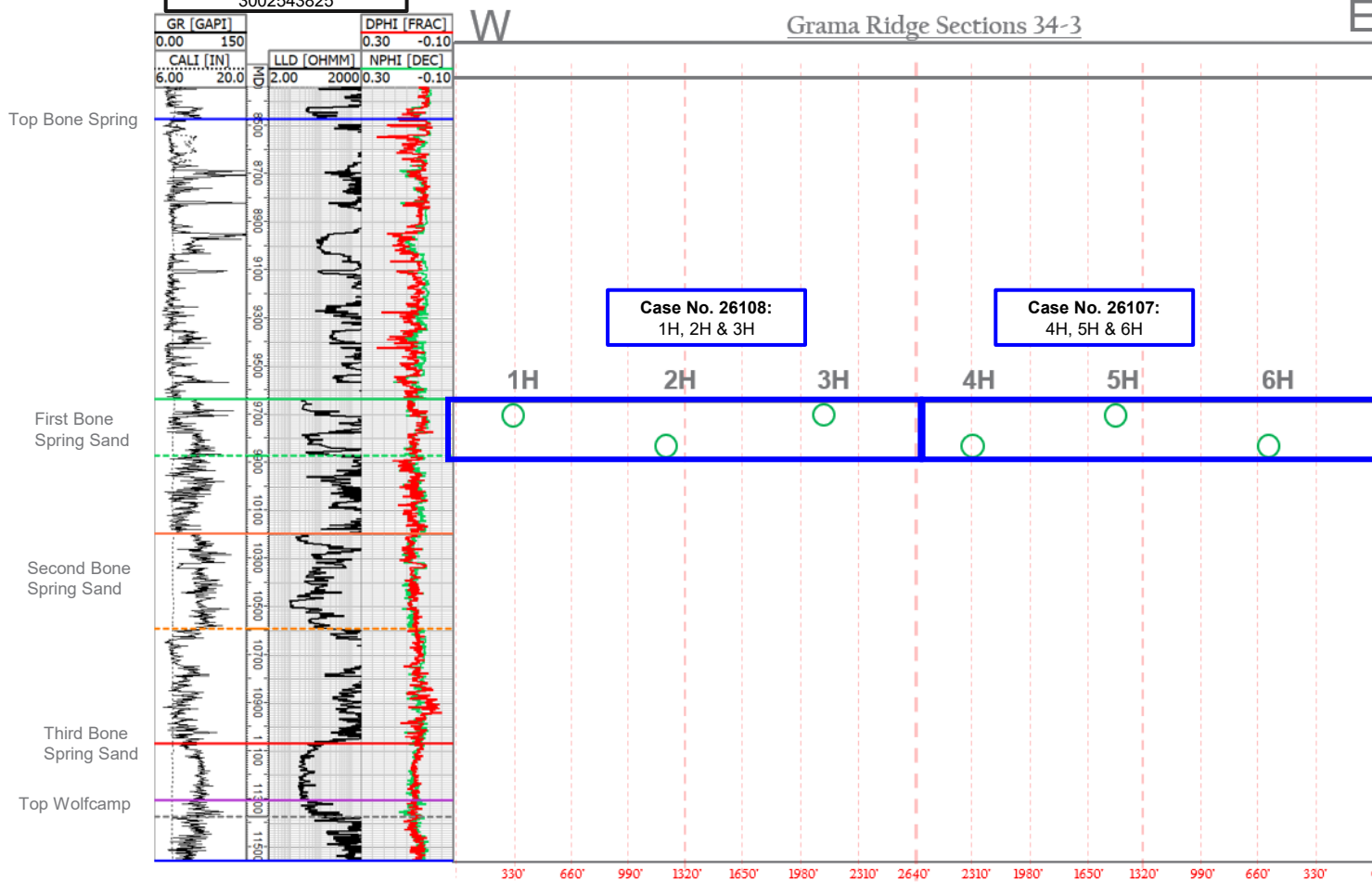


Gun Barrel

Grama Ridge State Com

Exhibit B-5

Grama Ridge East 34 State
Com 3BS 2H
3002543825



Proposed Spacing Unit

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

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

CASE NOS. 26107–26108

SELF-AFFIRMED STATEMENT
OF JACLYN M. MCLEAN

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

2. I am familiar with the Notice Letter attached as **Exhibit C-1**, and caused the Notice Letter, along with the Applications in these cases, to be sent to the parties listed in the Postal Delivery Report attached as **Exhibit C-2**.

3. Exhibit C-2 also provides the date the Notice Letter was sent, along with the delivery status of each.

4. Electronic return receipts are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On April 21, 2026, I caused a notice to be published in the Hobbs News-Sun. An Affidavit of Publication from the legal clerk of the Hobbs News-Sun along with a copy of the Notice Publication, is attached as **Exhibit C-4**.

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

/s/Jaclyn M. McLean
Jaclyn M. McLean

May 26, 2026
Date

Permian Resources Operating, LLC
Case No. 26108
Exhibit C



April 15, 2026

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL PARTIES ENTITLED TO NOTICE

**Re: Case Nos. 26107 & 26108 - Applications of Permian Resources Operating, LLC
for Compulsory Pooling and Approval of an Overlapping Spacing Unit,
Lea County, New Mexico.**

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **May 07, 2026** beginning at 9:00 a.m.

The hearing will be conducted in a hybrid fashion, both virtually and in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505. The hearing may be held only virtually at the discretion of the Division. To confirm the manner in which the hearing will be held, and to participate virtually, please visit the OCD Hearings website at the following link: <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 these applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days prior to the scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. If you are not registered with the OCD's E-Permitting system, you must submit the statement via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties; whether or not the parties are represented by counsel; a concise statement of the case; the names of witnesses anticipated to be called to testify at the hearing; the approximate amount of time needed to present the case; and an identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about these applications, please contact Reagan Armstrong, Landman, for Permian Resources Operating, LLC at Reagan.Armstrong@permianres.com.

Sincerely,
/s/ Jaclyn M. McLean
Jaclyn M. McLean

125 Lincoln Avenue, Suite 223
Santa Fe, NM 87501
505-230-4410

HardyMcClean.com

Writer:
Jaclyn M. McLean
Managing Partner
jmclean@hardymclean.com

Permian Resources Operating, LLC
Case No. 26108
Exhibit C-1

Postal Delivery Report
Permian Resources Grama Ridge - Case Nos. 26107 & 26108

Recipient	Date Mailed	USPS Tracking Number	Date Received	Status
Timothy R. MacDonald	4/15/2026	9414836208551299039525	4/22/2026	DELIVERED LEFT WITH INDIVIDUAL
CL&F Operating, LLC	4/15/2026	9414836208551299039518	4/23/2026	DELIVERED LEFT WITH INDIVIDUAL
MRC Hat Mesa, LLC	4/15/2026	9414836208551299039549	4/20/2026	DELIVERED LEFT WITH INDIVIDUAL
AEP Excluded AssetCo. LLC	4/15/2026	9414836208551299039532	4/18/2026	DELIVERED FRONT DESK/RECEPTION/M AIL ROOM
Mewbourne Oil Company	4/15/2026	9414836208551299039556	4/18/2026	DELIVERED LEFT WITH INDIVIDUAL
CWM 2000-B, Ltd.	4/15/2026	9414836208551299039563	4/18/2026	DELIVERED PO BOX TYLER, TX 75701
3MG Corporation	4/15/2026	9414836208551299039570	4/18/2026	DELIVERED PO BOX TYLER, TX 75701
Mewbourne Energy Partners 17-A L.P.	4/15/2026	9414836208551299039587	N/A	PROCESSED THROUGH USPS FACILITY

Permian Resources Operating, LLC
Case No. 26108
Exhibit C-2

Mewbourne Energy Partners 17-A L.P.	4/15/2026	9414836208551299039594	4/18/2026	DELIVERED LEFT WITH INDIVIDUAL
Mewbourne Development Corp.	4/15/2026	9414836208551299039600	4/18/2026	DELIVERED LEFT WITH INDIVIDUAL
Mewbourne Development Corp.	4/15/2026	9414836208551299039617	N/A	PROCESSED THROUGH USPS FACILITY
Apache Corporation	4/15/2026	9414836208551299039624	4/20/2026	DELIVERED LEFT WITH INDIVIDUAL
CWM 2000-B II, Ltd.	4/15/2026	9414836208551299039631	4/20/2026	DELIVERED PO BOX TYLER, TX 75701
Chevron USA, Inc.	4/15/2026	9414836208551299039648	4/21/2026	DELIVERED TO AGENT PICKED UP AT USPS



April 28, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 25.**


Item Details

Status: Delivered, Left with Individual
Status Date / Time: April 22, 2026, 11:42 am
Location: COLLEGE STATION, TX 77845
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
Recipient Name: Timothy R MacDonald

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	 3003 PALEO PT, COLLEGE STATION, TX 77845
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Timothy R. MacDonald 3003 Paleo Point College Station, TX 77845 Reference #: PR Grama 26107 & 26108 Item ID: PR Grama 26107 & 26108

Permian Resources Operating, LLC
Case No. 26108
Exhibit C-3



April 28, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 18.**

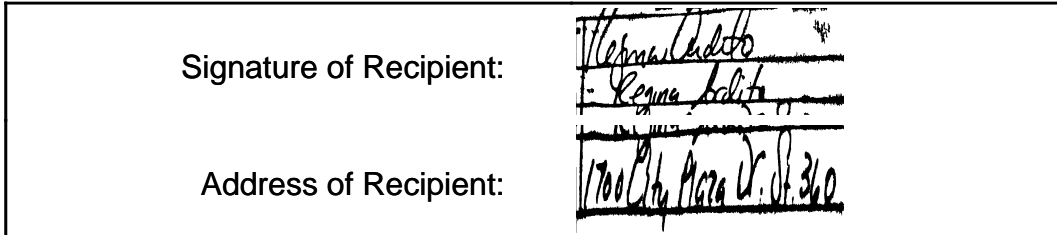
Item Details

Status: Delivered, Left with Individual
Status Date / Time: April 23, 2026, 1:34 pm
Location: SPRING, TX 77389
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
Recipient Name: CL F Operating LLC

Shipment Details

Weight: 2.0oz

Recipient Signature



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475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

CL&F Operating, LLC
 1700 City Plaza Drive
 Suite 360
 Spring, TX 77389
 Reference #: PR Grama 26107 & 26108
 Item ID: PR Grama 26107 & 26108



April 28, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 49.**

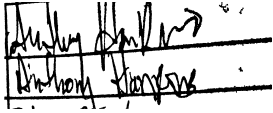

Item Details

Status: Delivered, Left with Individual
Status Date / Time: April 20, 2026, 11:38 am
Location: DALLAS, TX 75240
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
Recipient Name: MRC Hat Mesa LLC

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

MRC Hat Mesa, LLC
 5400 LBJ Freeway
 Suite 1500
 Dallas, TX 75240
 Reference #: PR Grama 26107 & 26108
 Item ID: PR Grama 26107 & 26108



April 19, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 32.**


Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	April 18, 2026, 12:59 pm
Location:	HOUSTON, TX 77024
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	AEP Excluded AssetCo LLC

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	600

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

AEP Excluded AssetCo. LLC 9651 Katy Freeway Suite 600 Houston, TX 77024 Reference #: PR Grama 26107 & 26108 Item ID: PR Grama 26107 & 26108
--



April 19, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 56.**

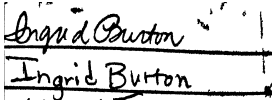
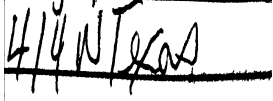
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	April 18, 2026, 9:51 am
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Mewbourne Oil Company

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Washington, D.C. 20260-0004

Mewbourne Oil Company 414 West Texas Ave Midland, TX 79701 Reference #: PR Grama 26107 & 26108 Item ID: PR Grama 26107 & 26108
--



April 19, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 63.**

Item Details

Status: Delivered, PO Box
Status Date / Time: April 18, 2026, 9:25 am
Location: TYLER, TX 75701
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic

Recipient Name: CWM 2000 B Ltd

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	<table border="1"> <tr><td>Signature</td><td>X Gonzalo Argote</td></tr> <tr><td>Printed Name</td><td>Gonzalo Argote</td></tr> </table>	Signature	X Gonzalo Argote	Printed Name	Gonzalo Argote
Signature	X Gonzalo Argote				
Printed Name	Gonzalo Argote				
Address of Recipient:	<table border="1"> <tr><td>Delivery Address</td><td>PO Box 7698</td></tr> </table>	Delivery Address	PO Box 7698		
Delivery Address	PO Box 7698				

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Washington, D.C. 20260-0004

CWM 2000-B, Ltd.
PO Box 7698
Tyler, TX 75711
Reference #: PR Grama 26107 & 26108
Item ID: PR Grama 26107 & 26108



April 19, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 70.**

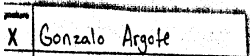
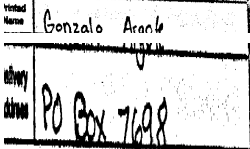
Item Details

Status: Delivered, PO Box
Status Date / Time: April 18, 2026, 9:25 am
Location: TYLER, TX 75701
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
Recipient Name: 3MG Corporation

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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 Washington, D.C. 20260-0004

3MG Corporation
 PO Box 7698
 Tyler, TX 75711
 Reference #: PR Grama 26107 & 26108
 Item ID: PR Grama 26107 & 26108



April 19, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0395 94.**

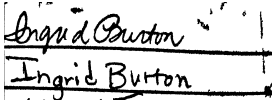
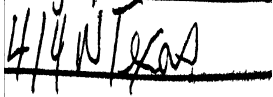
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	April 18, 2026, 9:51 am
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Mewbourne Energy Partners 17 A L P

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Washington, D.C. 20260-0004

Mewbourne Energy Partners 17-A L.P. 414 West Texas Ave Midland, TX 79701 Reference #: PR Grama 26107 & 26108 Item ID: PR Grama 26107 & 26108
--



April 19, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0396 00.**

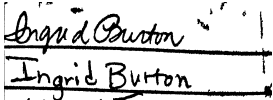
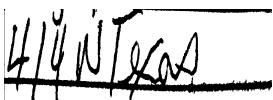
Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	April 18, 2026, 9:51 am
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Mewbourne Development Corp

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Mewbourne Development Corp. 414 West Texas Ave Midland, TX 79701 Reference #: PR Grama 26107 & 26108 Item ID: PR Grama 26107 & 26108
--



April 28, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0396 24.**

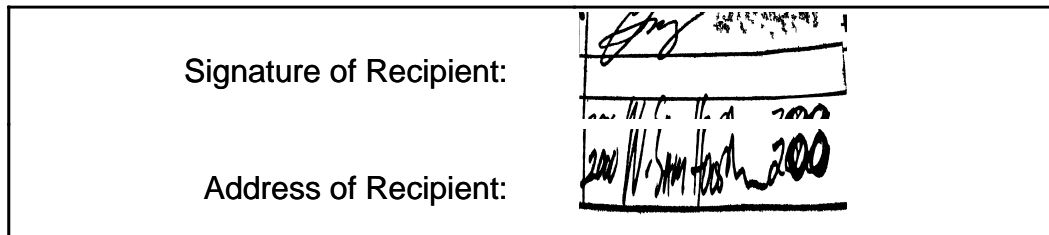
Item Details

Status: Delivered, Left with Individual
Status Date / Time: April 20, 2026, 12:12 pm
Location: HOUSTON, TX 77042
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
Recipient Name: Apache Corporation

Shipment Details

Weight: 2.0oz

Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Sincerely,
 United States Postal Service®
 475 L'Enfant Plaza SW
 Washington, D.C. 20260-0004

Apache Corporation
 2000 W Sam Houston Pkwy S
 Suite 200
 Houston, TX 77042
 Reference #: PR Grama 26107 & 26108
 Item ID: PR Grama 26107 & 26108



April 28, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0396 31.**

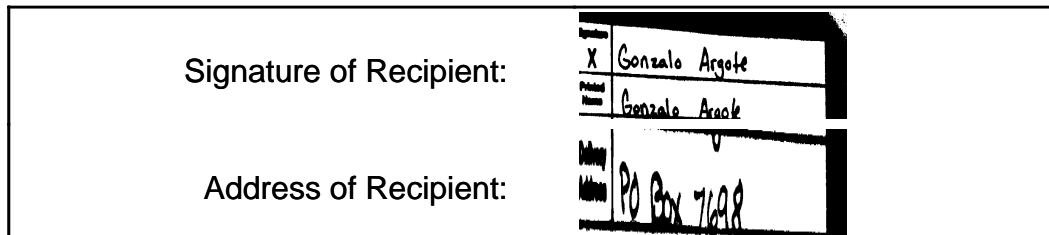
Item Details

Status: Delivered, PO Box
Status Date / Time: April 20, 2026, 9:28 am
Location: TYLER, TX 75701
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
Recipient Name: CWM 2000 B II Ltd

Shipment Details

Weight: 2.0oz

Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

CWM 2000-B II, Ltd.
 PO Box 7698
 Tyler, TX 75711
 Reference #: PR Grama 26107 & 26108
 Item ID: PR Grama 26107 & 26108



April 28, 2026

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9414 8362 0855 1299 0396 48.**

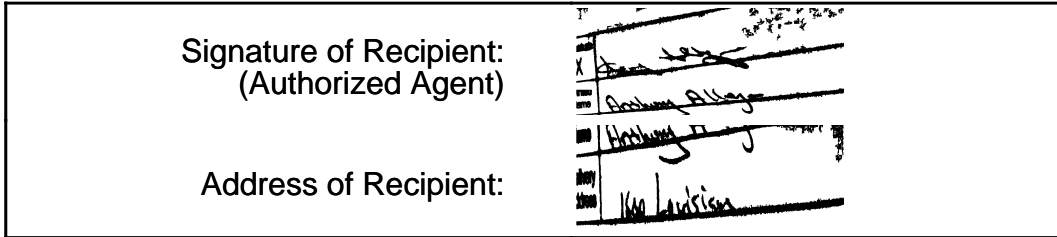
Item Details

Status:	Delivered to Agent, Picked up at USPS
Status Date / Time:	April 21, 2026, 3:15 pm
Location:	HOUSTON, TX 77002
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Chevron USA Inc

Shipment Details

Weight: 2.0oz

Recipient Signature



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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Chevron USA, Inc.
1400 Smith Street
Houston, TX 77002
Reference #: PR Grama 26107 & 26108
Item ID: PR Grama 26107 & 26108

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

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

Beginning with the issue dated
April 21, 2026
and ending with the issue dated
April 21, 2026.



Publisher

Sworn and subscribed to before me this
21st day of April 2026.



Business Manager

My commission expires

January 29, 2027

STATE OF NEW MEXICO
(Seal) 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 publication has been made.

LEGAL NOTICE April 21, 2026

This is to notify all interested parties, including; MRC Hat Mesa, LLC; CL&F Operating, LLC; Timothy R MacDonald; AEP Excluded AssetCo, LLC; Mewbourne Oil Company; CVM 2000-B, Ltd; 3MG Corporation Mewbourne Energy Partners 17-A L.P; Mewbourne Development Corp; CVM 2000-B LL, Ltd.; Apache Corporation; Chevron USA, Inc.; and their successors and assigns; that the New Mexico Oil Conservation Division will conduct a hearing on the application submitted by Permian Resources Operating, LLC, ("Applicant") for Case Nos. 26107 and 26108. The hearing will be conducted on May 7, 2026, in a hybrid fashion, both virtually and in person at the Energy, Minerals, and Natural Resources Department, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted on the OCD website: <https://www.emnrd.nm.gov/ocd/hearing-info/>. In Case No. 26107, Applicant seeks an order pooling all uncommitted interests in the Bone Spring formation, underlying a 643.91-acre, more or less, standard, horizontal spacing unit comprised of the E/2 of Section 34, Township 21 South, Range 34 East, and Lots 1 and 2, the S/2 NE/4, and the SE/4 (E/2 equivalent) of irregular Section 3, Township 22 South, Range 34 East, Lea County, New Mexico. The unit will be dedicated to the following wells: **Gamma Ridge State Com 4H** and **Gamma Ridge State Com 5H**, which will be drilled from first take points located in the SW/4 SE/4 (Unit O) of irregular Section 3, Township 22 South, to last take points in the NW/4 NE/4 (Unit B) of Section 34, Township 21 South; and **Gamma Ridge State Com 6H**, which will be drilled from a first take point located in the SE/4 E/4 (Unit P) of irregular Section 3, Township 22 South, to a last take point in the NE/4 NE/4 (Unit A) of Section 34, Township 21 South. The completed interval of the wells will be orthodox. The completed interval of the Gamma Ridge State Com 5H well will be located within 330' of the quarter-quarter section line separating Lot 1, SE/4 NE/4 and E/2 SE/4 (E/2 E/2 equivalent) and Lot 2, SW/4 NE/4 and W/2 SE/4 (W/2 E/2 equivalent) of irregular Section 3, Township 22 South, and the E/2 E/2 and W/2 E/2 of Section 34, Township 21 South, to allow for the creation of a 643.91-acre standard, horizontal spacing unit. The spacing unit for the wells partially overlaps with the spacing unit for the Gamma Ridge East 34 2BS State Com 009H (API No. 30-025-546537), which is located in the E/2 E/2 of Section 34, Township 21 South, and produces from the GRAMA RIDGE; BONE SPRING, NE Pool (Code 28435). The spacing unit for the wells also partially overlaps with the spacing units for the following wells, which produce from the OJO CHISO; BONE SPRING Pool (Code 96553): Ram 3 B3PA State Com 001H (API No. 30-025-43425), which is located in the E/2 E/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B2PA State Com 002H (API No. 30-025-544321), which is located in the E/2 E/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B2OB State Com 002H (API No. 30-025-49694), which is located in the W/2 E/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B3OB State Com 001H (API No. 30-025-49697), which is located in the W/2 E/2 equivalent of irregular Section 3, Township 22 South; and Ram 3 B2OB State Com 003H (API No. 30-025-49695), which is located in the W/2 E/2 equivalent of irregular Section 3, Township 22 South. In Case No. 26108, Applicant seeks an order pooling all uncommitted interests in the Bone Spring formation, underlying a 643.25-acre, more or less, standard, horizontal spacing unit comprised of the W/2 of Section 34, Township 21 South, Range 34 East, and Lots 3 and 4, S/2 NW/4, and SW/4 (W/2 equivalent) of irregular Section 3, Township 22 South, Range 34 East, Lea County, New Mexico. The unit will be dedicated to the following wells: **Gamma Ridge State Com 1H** and **Gamma Ridge State Com 2H**, which will be drilled from first take points located in the SW/4 SW/4 (Unit M) of irregular Section 3, Township 22 South, to last take points in the NW/4 NW/4 (Unit D) of Section 34, Township 21 South; and **Gamma Ridge State Com 3H**, which will be drilled from a first take point located in the SE/4 SW/4 (Unit N) of irregular Section 3, Township 22 South, to a last take point in the NE/4 NW/4 (Unit C) of Section 34, Township 21 South. The completed interval of the wells will be orthodox. The completed interval of the Grama Ridge State Com 2H well will be located within 330' of the quarter-quarter section line separating Lot 3, SE/4 NW/4 and E/2 SW/4 (E/2 W/2 equivalent) and Lot 4, SW/4 NW/4 and W/2 SW/4 (W/2 W/2 equivalent) of irregular Section 3, Township 22 South, and Section 34, Township 21 South, to allow for the creation of a 643.25-acre standard, horizontal spacing unit. The spacing unit for the wells partially overlaps with the spacing units for the following wells, which produce from the GRAMA RIDGE; BONE SPRING, NE Pool (Code 28435); Gamma Ridge East 34 2BS State Com 006H (API No. 30-025-546539), which is located in the W/2 W/2 of Section 34, Township 21 South; Gamma Ridge East 2BS State Com 007H (API No. 30-025-546536), which is located in the E/2 W/2 of Section 34, Township 21 South; and Gamma Ridge East 34 State Com 3BS 003H (API No. 30-025-46538), which is located in the E/2 W/2 of Section 34. The spacing unit for the wells also partially overlaps with the spacing units for the following wells, which produce from the OJO CHISO; BONE SPRING Pool (Code 96553): Ram 3 B2MD State Com 001H (API No. 30-025-50757), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B3MD State Com 002H (API No. 30-025-550756), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B2MD State Com 002H (API No. 30-025-50761), which is located in the W/2 W/2 equivalent of irregular Section 3, Township 22 South; Ram 3 B3NC State Com 001H (API No. 30-025-49696), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South; and the Ram 3 B2NC State Com 001H (API No. 30-025-49693), which is located in the E/2 W/2 equivalent of irregular Section 3, Township 22 South. Also to be considered will be the cost of drilling and completing the Gamma Ridge State Com wells, the allocation of the costs, the designation of Applicant as operator of the wells and the unit, and a 200% charge for the risk involved in drilling and completing the wells. The Gamma Ridge State Com wells are located approximately 16 miles southwest of Eunice, New Mexico.
#00310396

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HARDY MCLEAN LLC
125 LINCOLN AVE, STE. 223
SANTA FE, NM 87501

Permian Resources Operating, LLC
Case No. 26108
Exhibit C-4