



SpencerFane®

Sharon Shaheen
Direct Dial: 505-986-2678
sshhaheen@spencerfane.com

March 5, 2026

Hearing Examiner
EMNRD – Oil Conservation Division
1220 South St. Francis Drive, 3rd Floor
Santa Fe, NM 87505

Re: Case No. 25911 (Petty 31AB Wells) - Application for compulsory pooling filed by Longfellow Energy, L.P.

Dear Hearing Examiner:

In accordance with the instructions of the hearing examiners, Longfellow Energy, L.P. hereby files its Revised Hearing Exhibits package. The revisions are as follows:

- 1) Revised Exhibit Index.
- 2) Revised checklist to correct the size of the proposed spacing unit from 320 acres to 301.73 acres and to correct the proximity tracts to indicate the N2 N2 of Section 31.
- 2) Remove well proposals to conform to the landman's references to his sub-exhibits. No well proposals were mailed because no working interest owners were being pooled. See Ex. A, ¶ 15.

Please feel free to contact me if you have any questions.

Very truly yours,

/s/ Sharon T. Shaheen

Sharon T. Shaheen

Attachments

cc: Longfellow Energy, L.P., *via email*

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

APPLICATION OF LONGFELLOW ENERGY, L.P.
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO

Case No. 25911



Petty 31AB Fed Com

REVISED EXHIBITS
for March 5, 2026 Hearing

REVISED EXHIBIT INDEX

	Tab
Revised Compulsory Pooling Application Checklist	1
Application and Proposed Notice of Hearing	2
Exhibit A – Self-Affirmed Statement of Landman Stuart Gaston	3
Exhibit A-1 – C-102s	
Exhibit A-2 – Plat of Tracts, Tract Ownership, and Applicable Leases	
Exhibit A-3 – Unit Recap, Pooled Parties Highlighted	
Exhibit A-4 – List of Overriding Royalty Interest Owners to be Pooled, Including Commitment Status and Details Regarding Notice Provided to Each	
Exhibit B – Self-Affirmed Statement of Geologist Jacob S. DeHamer.....	4
Exhibit B-1 – Location Map	
Exhibit B-2 – Subsea Structure Map	
Exhibit B-3 – Stratigraphical Cross Section	
Exhibit B-4 – Gunbarrel Diagram	
Exhibit B-5 – Gross Isopach Map	
Exhibit C – Self-Affirmed Statement of Lawyer Sharon T. Shaheen.....	5
Exhibit C-1 – Sample Notice Letter to All Interested Parties, mailed February 12, 2026	
Exhibit C-2 – Chart of Notice to All Interested Parties	
Exhibit C-3 – Copies of Certified Mail Receipts and Returns	
Exhibit C-4 – Affidavit of Publication, published February 17, 2026	

Tab 1

REVISED COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25911	APPLICANT'S RESPONSE
Date	March 5, 2026
Applicant	Longfellow Energy, L.P.
Designated Operator & OGRID (affiliation if applicable)	Longfellow Energy, L.P., 372210
Applicant's Counsel:	Spencer Fane, LLP (Sharon T. Shaheen)
Case Title:	Application of Longfellow Energy, L.P. for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	None at this time
Well Family	Petty Federal Com 31AB
Formation/Pool	
Formation Name(s) or Vertical Extent:	Yeso Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Yeso Formation
Pool Name and Pool Code (Only if NSP is requested):	N/A
Well Location Setback Rules (Only if NSP is Requested):	N/A
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	301.73 acres
Building Blocks:	Quarter-quarter section (40 ac)
Orientation:	East-West
Description: TRS/County	N/2 of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes, N2 N2 of Section 31
Proximity Defining Well: if yes, description	Yes, Petty Federal Com 31AD 005H well
Applicant's Ownership in Each Tract	Tract 1: 100%; Tract 2: 100%
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	Petty Federal Com 31AB 001H well, API No. 30-015-XXXXX SHL: 466' FNL and 785' FWL of Section 32-16S-31E BHL: 340' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard

Well #2	Petty Federal Com 31AB 002H well, API No. 30-015-XXXXX SHL: 486' FNL and 785' FWL of Section 32-16S-31E BHL: 480' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Well #3	Petty Federal Com 31AB 003H well, API No. 30-015-XXXXX SHL: 506' FNL and 785' FWL of Section 32-16S-31E BHL: 855' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Well #4	Petty Federal Com 31ab 004H well, API No. 30-015-XXXXX SHL: 526' FNL and 785' FWL of Section 32-16S-31E BHL: 1,230' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Well #5	Petty Federal Com 31AB 005H well, API No. 30-015-XXXXX SHL: 2,197' FNL and 1073' FWL of Section 32-16S-31E BHL: 1,391' FNL & 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Well #6	Petty Federal Com 31AB 006H well, API No. 30-015-XXXXX SHL: 2,217' FNL and 1,073' FWL of Section 32-16S-31E BHL: 1,764' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Well #7	Petty Federal Com 31AB 007H well, API No. 30-015-XXXXX SHL: 2,237' FNL and 1,073' FWL of Section 32-16S-31E BHL: 2,139' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Well #8	Petty Federal Com 31AB 008H well, API No. 30-015-XXXXX SHL: 2,257' FNL and 1,074' FWL of Section 32-16S-31E BHL: 2,300' FNL and 20' FWL of Section 31-16S-31E Completion Target: Yeso Well Orientation: East to West Completion location expected to be standard
Horizontal Wells First and Last Take Points	Exhibit A-1
Completion Target (Formation, TVD and MD)	Yeso--see Exhibit B, ¶ 10
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	N/A
Production Supervision/Month \$	N/A
Justification for Supervision Costs	N/A
Requested Risk Charge	N/A
Notice of Hearing	
Proposed Notice of Hearing	Submitted with online filing of Application

Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C, C-1, C-2, and 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-2
Tract List (including lease numbers and owners)	Exhibits A-2 and A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to	N/A
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	See Exhibit C-2
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	N/A
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	N/A
Overhead Rates In Proposal Letter	N/A
Cost Estimate to Drill and Complete	N/A
Cost Estimate to Equip Well	N/A
Cost Estimate for Production Facilities	N/A
Geology	
Summary (including special considerations)	See Exhibit B, ¶ 11
Spacing Unit Schematic	Exhibit A-2(b)
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B, ¶ 11(d)
Target Formation	Exhibits B-3 & B-4
HSU Cross Section	Exhibit B-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibits A-2, A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	See Exhibit A-1, Exhibit B-5
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-5
Cross Section (including Landing Zone)	Exhibit B-3
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):	Sharon T. Shaheen
Signed Name (Attorney or Party Representative):	<i>Sharon T. Shaheen</i>
Date:	Mar. 5, 2026

Tab 2

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

**APPLICATION OF LONGFELLOW ENERGY, L.P.
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 25911

APPLICATION

Longfellow Energy, LP, OGRID No. 372210 (“Longfellow” or “Applicant”), through its undersigned counsel Spencer Fane, LLP (Sharon T. Shaheen), hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all mineral interests in the Yeso formation (Cedar Lake; Glorieta-Yeso [96831]) in a standard ~320-acre, more or less, horizontal spacing and proration unit (“HSU”) with proximity tracts comprised of the North Half of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico.

In support of its application, Longfellow states as follows:

1. Longfellow is a working interest owner in the proposed HSU and has the right to drill thereon.
2. Longfellow seeks to dedicate the following one-mile wells to the proposed HSU:
 - Petty 31AB Fed Com 001H well, to be horizontally drilled from a surface hole location approximately 785’ FWL and 466’ FNL of Section 32-16S-31E and a bottomhole location approximately 20’ FWL & 340’ FNL of Section 31-16S-31E;
 - Petty 31AB Fed Com 002H well, to be horizontally drilled from a surface hole location approximately 785’ FWL and 486’ FNL of Section 32-16S-31E and a bottomhole location approximately 20’ FWL & 480’ FNL of Section 31-16S-31E;
 - Petty 31AB Fed Com 003H well, to be horizontally drilled from a surface hole location approximately 785’ FWL and 506’ FNL of Section 32-16S-31E and a bottomhole location approximately 20’ FWL & 855’ FNL of Section 31-16S-31E;
 - Petty 31AB Fed Com 004H well, to be horizontally drilled from a surface hole location approximately 785’ FWL and 526’ FNL of Section 32-16S-31E and a bottomhole location approximately 20’ FWL & 1,230’ FNL of Section 31-16S-31E;

- Petty 31AB Fed Com 005H well, to be horizontally drilled from a surface hole location approximately 1073' FWL and 2,197' FNL of Section 32-16S-31E and a bottomhole location approximately 20' FWL & 1,391' FNL of Section 31-16S-31E;
- Petty 31AB Fed Com 006H well, to be horizontally drilled from a surface hole location approximately 1,073' FWL and 2217' FNL of Section 32-16S-31E and a bottomhole location approximately 20' FWL & 1,764' FNL of Section 31-16S-31E;
- Petty 31AB Fed Com 007H well, to be horizontally drilled from a surface hole location approximately 1,073' FWL and 2237' FNL of Section 32-16S-31E and a bottomhole location approximately 20' FWL & 2,139' FNL of Section 31-16S-31E; and
- Petty 31AB Fed Com 008H well, to be horizontally drilled from a surface hole location approximately 1,073' FWL and 2257' FNL of Section 32-16S-31E and a bottomhole location approximately 20' FWL & 2,300' FNL of Section 31-16S-31E.

3. The Petty 31AB Fed Com 005H well is a proximity well.

4. With the proximity tracts, the completed intervals of all other wells will meet the standard setback requirements. The first and last take points of all wells will meet the standard setback requirements.

5. Longfellow has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.

6. Approval of the proposed HSU and the pooling of all mineral interest owners in the Yeso formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. In order to permit Longfellow to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this HSU should be pooled and Longfellow should be designated the operator of the HSU.

WHEREFORE, Longfellow requests that this application be set for hearing before an examiner of the Oil Conservation Division on February 5, 2026, and that, after notice and hearing as required by law, the Division enter an order:

A. Approving a standard 320-acre, more or less, HSU, with proximity tracts, comprised of the N/2 of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico;

B. Pooling all mineral interests in the Yeso formation underlying the HSU;

C. Allowing the drilling of the following eight one-mile wells in the proposed HSU: Petty 31AB Fed Com 001H; Petty 31AB Fed Com 002H; Petty 31AB Fed Com 003H; Petty 31AB Fed Com 004H; Petty 31AB Fed Com 005H; Petty 31AB Fed Com 006H; Petty 31AB Fed Com 007H; and Petty 31AB Fed Com 008H.

D. Designating Longfellow as operator of the HSU and the wells to be drilled thereon;

E. Authorizing Longfellow to recover its costs of drilling, equipping, and completing the wells;

F. Approving the operating charges and costs of supervision while drilling of \$12,000/month and, after completion, \$1,200/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

G. Imposing a 200% penalty for the risk assumed by Longfellow in drilling and completing the well against any interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

SPENCER FANE, LLP

/s/ Sharon T. Shaheen

Sharon T. Shaheen
Post Office Box 2307
Santa Fe, NM 87504-2307
(505) 986-2678
sshaheen@spencerfane.com
[ec: dortiz@spencerfane.com](mailto:ec:dortiz@spencerfane.com)

Attorney for Longfellow Operating Partners, LLC

Application of Longfellow Operating Partners, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Oil Conservation Division approving a standard ~320-acre horizontal spacing and proration unit (“HSU”), with proximity tracts, comprised of the N/2 of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico and pooling all mineral interests in the Yeso formation (Cedar Lake; Glorieta-Yeso [96831]) underlying the HSU. Applicant proposes to drill the following 1.0-mile wells in the HSU: Petty 31AB Fed Com 001H well, to be horizontally drilled from a surface hole location (“SHL”) approximately 785’ FWL and 466’ FNL of Section 32-16S-31E and a bottomhole location (“BHL”) approximately 20’ FWL & 340’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 002H well, to be horizontally drilled from a SHL approximately 785’ FWL and 486’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 480’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 003H well, to be horizontally drilled from a SHL approximately 785’ FWL and 506’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 855’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 004H well, to be horizontally drilled from a SHL approximately 785’ FWL and 526’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 1,230’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 005H well, to be horizontally drilled from a SHL approximately 1073’ FWL and 2,197’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 1,391’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2217’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 1,764’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2237’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 2,139’ FNL of Section 31-16S-31E; and Petty 31AB Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2257’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 2,300’ FNL of Section 31-16S-31E.. With the proximity tracts, the completed intervals of the other wells will meet standard setback requirements. The first and last take points of all wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. Additional considerations will be the cost of drilling and completing the well and allocation of such costs, the designation of Applicant as operator of the HSU and wells to be drilled thereon, and a 200% charge for the risk involved in drilling and completing the well. The well and lands are located approximately 6 miles Northeast of Loco Hills, New Mexico.

Tab 3

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

**APPLICATION OF LONGFELLOW ENERGY, L.P.
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 25911

SELF-AFFIRMED STATEMENT OF LANDMAN STUART GASTON

I, Stuart Gaston, do hereby state and affirm the following:

1. I am over the age of 18 and have the capacity to execute this statement, which is based on my personal knowledge.
2. I am a landman employed as Senior Landman with Longfellow Energy, L.P. (“LFE” or “Applicant”), and I am familiar with the subject application and the lands involved.
3. This testimony is submitted in connection with the filing by LFE of the above-referenced compulsory pooling application (the “Application”) pursuant to 19.15.4.12(A)(1) NMAC.
4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman have previously been accepted by the Division and made a matter of record. A summary of my education and work experience is as follows: I graduated from Texas Tech University in 2012 with a Bachelor’s Degree in Business Management and Texas Tech University in 2017 with a Master’s Degree in Business Administration. I worked as a landman for various oil and gas companies since 2013 and have been employed with LFE as Senior Landman since 2022.
5. In this case, LFE seeks an order pooling all overriding royalty interests in the Yeso formation (Cedar Lake; Glorieta-Yeso [96831]) in a standard ~320-acre, more or less, horizontal

spacing and proration unit (“HSU”), with proximity tracts, comprised of the N/2 of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico.

6. LFE proposes to drill the following one-mile wells in the proposed HSU:
 - Petty 31AB Fed Com 001H well, to be horizontally drilled from a surface hole location approximately 466’ FNL and 785’ FWL of Section 32-16S-31E and a bottomhole location approximately 340’ FNL and 20’ FWL of Section 31-16S-31E. The first take point will be ~340’ FNL and 100’ FEL of Section 31, T16S-31E, and the last take point will be ~340’ FNL and 100’ FWL of Section 31, T16S-31E.
 - Petty 31AB Fed Com 002H well, to be horizontally drilled from a surface hole location approximately 486’ FNL and 785’ FWL of Section 32-16S-31E and a bottomhole location approximately 480’ FNL and 20’ FWL of Section 31-16S-31E. The first take point will be ~480’ FNL and 100’ FEL of Section 31, T16S-31E, and the last take point will be ~480’ FNL and 100’ FWL of Section 31, T16S-31E.
 - Petty 31AB Fed Com 003H well, to be horizontally drilled from a surface hole location approximately 506’ FNL and 785’ FWL of Section 32-16S-31E and a bottomhole location approximately 855’ FNL and 20’ FWL of Section 31-16S-31E. The first take point will be ~855’ FNL and 100’ FEL of Section 31, T16S-31E, and the last take point will be ~855’ FNL and 100’ FWL of Section 31, T16S-31E.
 - Petty 31AB Fed Com 004H well, to be horizontally drilled from a surface hole location approximately 526’ FNL and 785’ FWL of Section 32-16S-31E and a bottomhole location approximately 1,230’ FNL and 20’ FWL of Section 31-16S-31E. The first take point will be ~1,230’ FNL and 100’ FEL of Section 31, T16S-31E, and the last take point will be ~1,230’ FNL and 100’ FWL of Section 31, T16S-31E.
 - Petty 31AB Fed Com 005H well, to be horizontally drilled from a surface hole location approximately 2,197’ FNL and 1073’ FWL of Section 32-16S-31E and a bottomhole location approximately 1,391’ FNL & 20’ FWL of Section 31-16S-31E. The first take point will be ~1,389’ FNL and 100’ FEL of Section 31, T16S-31E, and the last take point will be ~1,391’ FNL and 100’ FWL of Section 31, T16S-31E.
 - Petty 31AB Fed Com 006H well, to be horizontally drilled from a surface hole location approximately 2,217’ FNL and 1,073’ FWL of Section 32-16S-31E and a bottomhole location approximately 1,764’ FNL and 20’ FWL of Section 31-16S-31E. The first take point will be ~1,764’ FNL and 100’ FEL of Section 31, T16S-31E, and the last take point will be ~1,764’ FNL and 100’ FWL of Section 31, T16S-31E.

- Petty 31AB Fed Com 007H well, to be horizontally drilled from a surface hole location approximately 2,237' FNL and 1,073' FWL of Section 32-16S-31E and a bottomhole location approximately 2,139' FNL and 20' FWL of Section 31-16S-31E. The first take point will be ~2,139' FNL and 100' FEL of Section 31, T16S-31E, and the last take point will be ~2,139' FNL and 100' FWL of Section 31, T16S-31E.
 - Petty 31AB Fed Com 008H well, to be horizontally drilled from a surface hole location approximately 2,257' FNL and 1,074' FWL of Section 32-16S-31E and a bottomhole location approximately 2,300' FNL and 20' FWL of Section 31-16S-31E. The first take point will be ~2,300' FNL and 100' FEL of Section 31, T16S-31E, and the last take point will be ~2,300' FNL and 100' FWL of Section 31, T16S-31E.
7. The Petty 31AB Fed Com 005H well is a proximity well. With the proximity tracts, the completed intervals of all wells will meet standard setback requirements.
8. LFE has in good faith sought and been unable to obtain voluntary agreement for the development of these lands from all of the mineral interest owners in the HSU.
9. Approval of the proposed HSU and the pooling of all mineral interest owners in the Yeso formation underlying the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
10. A Form C-102 for each well is included as **Exhibit A-1**. The Form C-102 also indicates the locations of each surface hole, bottom hole, and the first and last take points.
11. A plat of the proposed spacing unit showing tracts, tract ownership, and applicable lease numbers is included in **Exhibit A-2**. LFE has 100% of the working interest in the proposed HSU and wells.
12. **Exhibit A-3** includes the unit recap, highlighting the pooled parties, for the proposed spacing unit.
13. **Exhibit A-4** provides a list of the overriding royalty interest owners to be pooled, including commitment status and details regarding notice provided to each.
14. There are no depth severances in the formations being pooled.

15. LFE has conducted a diligent search of the public records in Eddy County, New Mexico, where the wells will be located, and conducted phone directory and computer searches to obtain contact information for parties entitled to notification. I determined that there are no other working interest owners and therefore did not send out well proposals or Authorizations for Expenditure (“AFE”), for each well.

16. LFE requests that it be designated operator of the wells.

17. The exhibits attached hereto were prepared by me or compiled from LFE’s business records under my supervision.

18. The granting of the applications is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

19. The foregoing is correct and complete to the best of my knowledge and belief.

I affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.



Stuart Gaston

2/25/2026
DATE

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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	16 S	31 E		466 NORTH	785 WEST	32.8840244°N	103.8979982°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	1	340 NORTH	20 WEST	32.8843241°N	103.9166960°W	EDDY

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

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	16 S	31 E		466 NORTH	785 WEST	32.8840244°N	103.8979982°W	EDDY

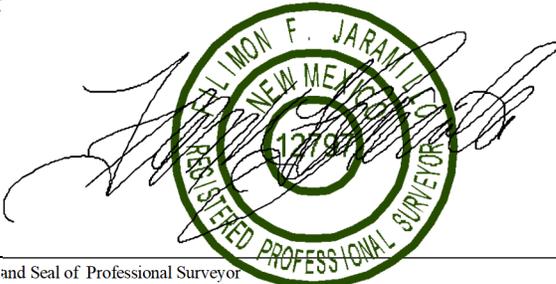
First Take Point (FTP)

UL A	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E		340 NORTH	100 EAST	32.8843606°N	103.9008816°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	1	340 NORTH	100 WEST	32.8843241°N	103.9164318°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10480</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 1 of 16

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.

PETTY 31AB FED COM 001H
 EL. = 3893.6

GEODETIC COORDINATES

NAD 83 NMSP EAST
 SURFACE LOCATION
 466' FNL, 785' FWL
 N.=685617.58
 E.=674975.92
 LAT.=32.8840244°N
 LONG.=103.8979982°W

LAST TAKE POINT
 340' FNL, 100' FWL
 N.=685703.75
 E.=669316.73
 LAT.=32.8843241°N
 LONG.=103.9164318°W

KICK OFF POINT
 466' FNL, 785' FWL
 N.=685617.58
 E.=674975.92
 LAT.=32.8840244°N
 LONG.=103.8979982°W

BOTTOM OF HOLE
 340' FNL, 20' FWL
 N.=685703.20
 E.=669236.76
 LAT.=32.8843234°N
 LONG.=103.9166923°W

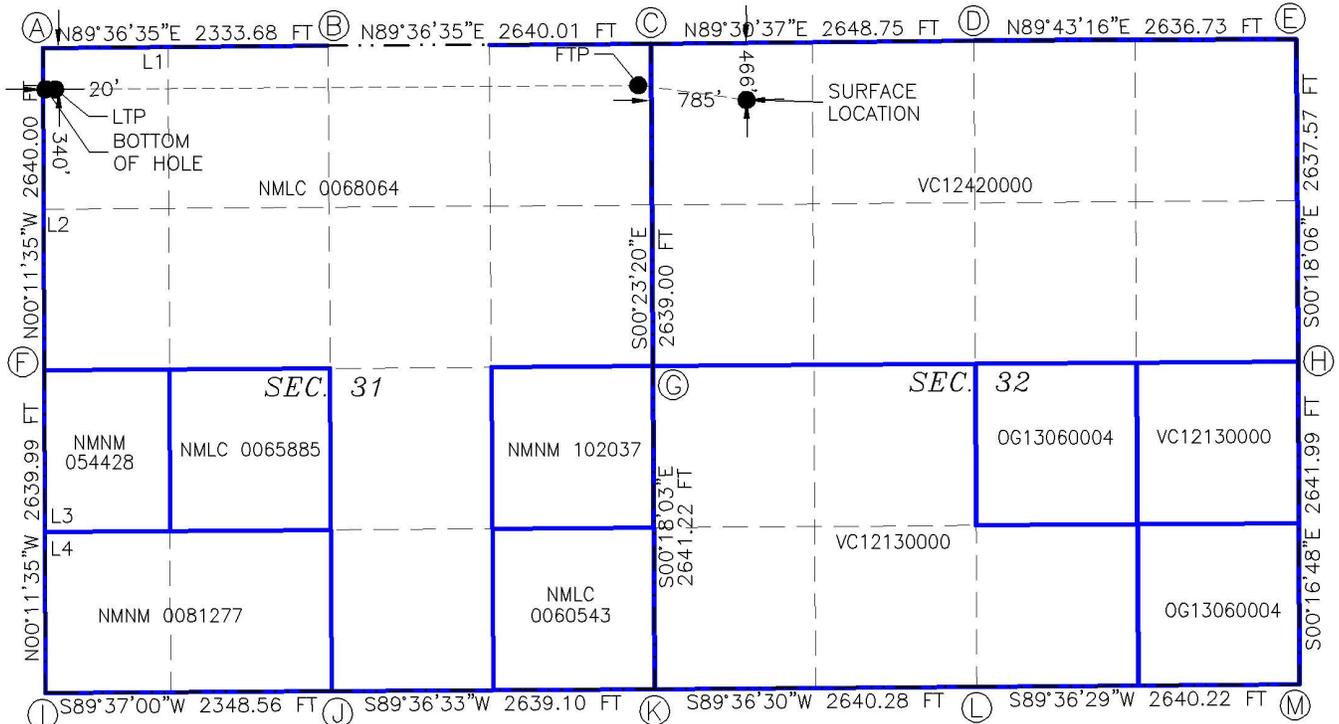
FIRST TAKE POINT
 340' FNL, 100' FEL
 N.=685736.27
 E.=674090.25
 LAT.=32.8843606°N
 LONG.=103.9008816°W

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686042.98	E.=669215.61
B	N.=686058.88	E.=671548.64
C	N.=686076.85	E.=674187.91
D	N.=686099.49	E.=676835.89
E	N.=686112.32	E.=679471.91
F	N.=683403.67	E.=669224.51
G	N.=683438.58	E.=674205.82
H	N.=683475.46	E.=679485.80
I	N.=680764.37	E.=669233.40
J	N.=680780.07	E.=671581.31
K	N.=680798.07	E.=674219.68
L	N.=680816.12	E.=676859.22
M	N.=680834.18	E.=679498.71

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - - - WELL PATH



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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	16 S	31 E		486 NORTH	785 WEST	32.8839697°N	103.8979982°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	1	480 NORTH	20 WEST	32.8839387°N	103.9166926°W	EDDY

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

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	16 S	31 E		486 NORTH	785 WEST	32.8839697°N	103.8979982°W	EDDY

First Take Point (FTP)

UL A	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E		480 NORTH	100 EAST	32.8839759°N	103.9008804°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	1	480 NORTH	100 WEST	32.8839394°N	103.9164320°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10481</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 3 of 16

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.

PETTY 31AB FED COM 002H
 EL. = 3892.1

GEODETIC COORDINATES
 NAD 83 NMSP EAST
 SURFACE LOCATION
 486' FNL, 785' FWL
 N.=685597.66
 E.=674975.99
 LAT.=32.8839697°N
 LONG.=103.8979982°W

LAST TAKE POINT
 480' FNL, 100' FWL
 N.=685563.79
 E.=669317.21
 LAT.=32.8839394°N
 LONG.=103.9164320°W

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686042.98	E.=669215.61
B	N.=686058.88	E.=671548.64
C	N.=686076.85	E.=674187.91
D	N.=686099.49	E.=676835.89
E	N.=686112.32	E.=679471.91
F	N.=683403.67	E.=669224.51
G	N.=683438.58	E.=674205.82
H	N.=683475.46	E.=679485.80
I	N.=680764.37	E.=669233.40
J	N.=680780.07	E.=671581.31
K	N.=680798.07	E.=674219.68
L	N.=680816.12	E.=676859.22
M	N.=680834.18	E.=679498.71

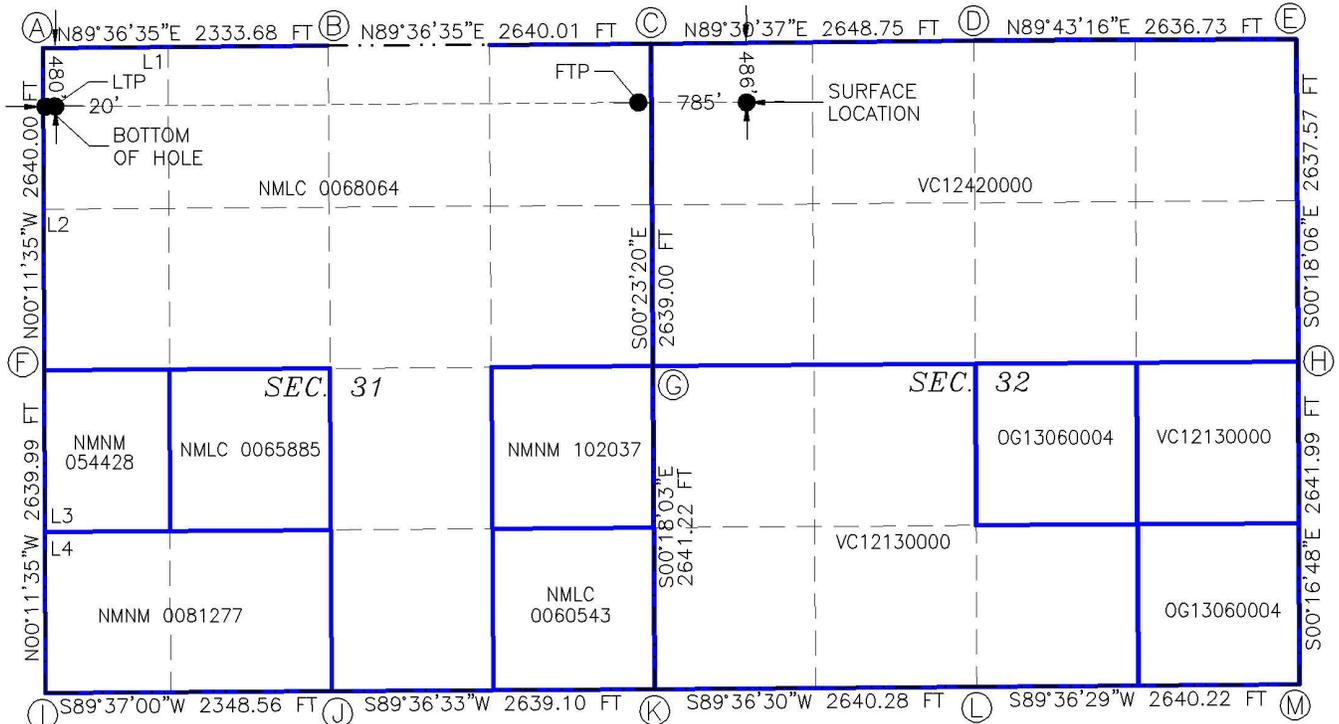
KICK OFF POINT
 486' FNL, 785' FWL
 N.=685597.66
 E.=674975.99
 LAT.=32.8839697°N
 LONG.=103.8979982°W

BOTTOM OF HOLE
 480' FNL, 20' FWL
 N.=685563.24
 E.=669237.23
 LAT.=32.8839387°N
 LONG.=103.9166926°W

FIRST TAKE POINT
 480' FNL, 100' FEL
 N.=685596.30
 E.=674091.20
 LAT.=32.8839759°N
 LONG.=103.9008804°W

LEGEND

---	SECTION LINE
- - - - -	QUARTER LINE
—	LEASE LINE
- - - - -	WELL PATH



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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	16 S	31 E		506 NORTH	785 WEST	32.8839146°N	103.8979981°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	1	855 NORTH	20 WEST	32.8829083°N	103.9166933°W	EDDY

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

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	16 S	31 E		506 NORTH	785 WEST	32.8839146°N	103.8979981°W	EDDY

First Take Point (FTP)

UL A	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E		855 NORTH	100 EAST	32.8829455°N	103.9008771°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	1	855 NORTH	100 WEST	32.8829089°N	103.9164328°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10482</p>
---	--

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.
LFE/Petty 31AB Wells Exhibit A-1 Page 5 of 16

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.

PETTY 31AB FED COM 003H
EL. = 3892.7

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
506' FNL, 785' FWL
N.=685577.62
E.=674976.11
LAT.=32.8839146°N
LONG.=103.8979981°W

LAST TAKE POINT
855' FNL, 100' FWL
N.=685188.88
E.=669318.47
LAT.=32.8829089°N
LONG.=103.9164328°W

KICK OFF POINT
506' FNL, 785' FWL
N.=685577.62
E.=674976.11
LAT.=32.8839146°N
LONG.=103.8979981°W

BOTTOM OF HOLE
855' FNL, 20' FWL
N.=685188.33
E.=669238.49
LAT.=32.8829083°N
LONG.=103.9166933°W

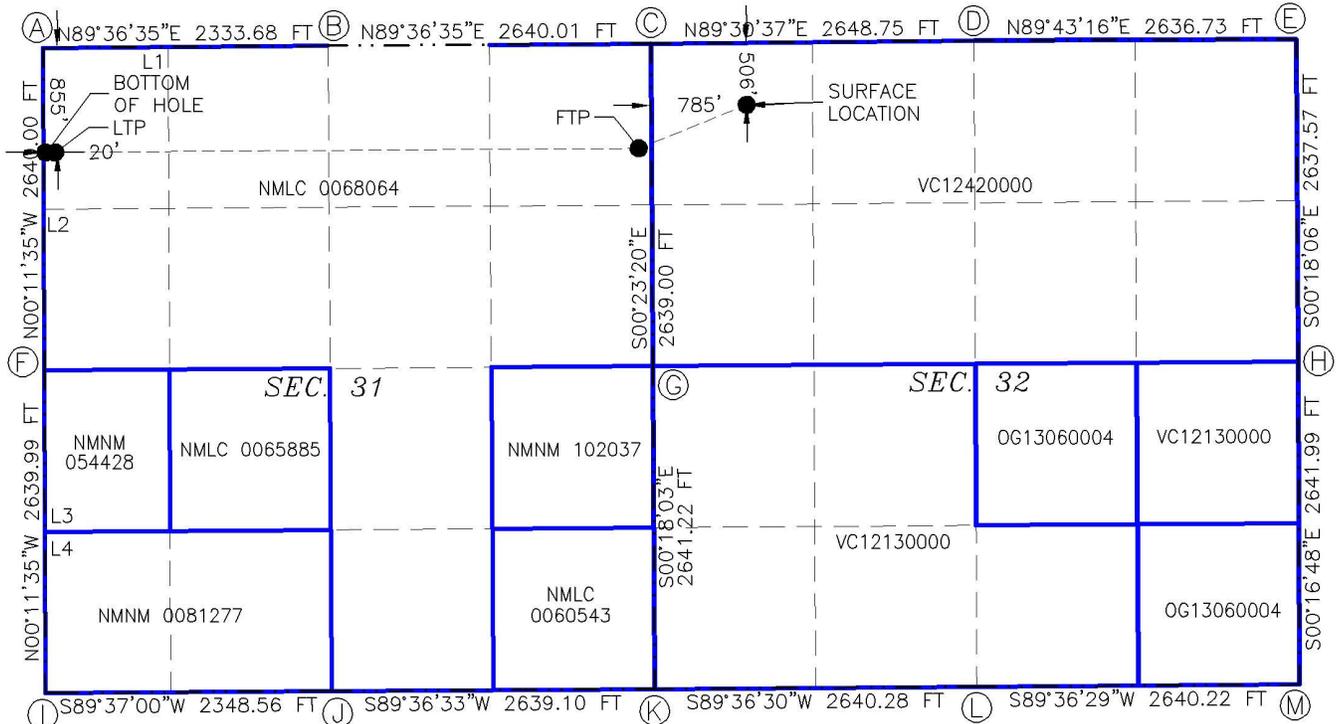
CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=686042.98	E.=669215.61
B	N.=686058.88	E.=671548.64
C	N.=686076.85	E.=674187.91
D	N.=686099.49	E.=676835.89
E	N.=686112.32	E.=679471.91
F	N.=683403.67	E.=669224.51
G	N.=683438.58	E.=674205.82
H	N.=683475.46	E.=679485.80
I	N.=680764.37	E.=669233.40
J	N.=680780.07	E.=671581.31
K	N.=680798.07	E.=674219.68
L	N.=680816.12	E.=676859.22
M	N.=680834.18	E.=679498.71

FIRST TAKE POINT
855' FNL, 100' FEL
N.=685221.41
E.=674093.74
LAT.=32.8829455°N
LONG.=103.9008771°W

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - - - WELL PATH



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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL D	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 526 NORTH	Ft. from E/W 785 WEST	Latitude 32.8838595°N	Longitude 103.8979976°W	County EDDY
------	------------	---------------	------------	-----	------------------------	-----------------------	-----------------------	-------------------------	-------------

Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 1230 NORTH	Ft. from E/W 20 WEST	Latitude 32.8818778°N	Longitude 103.9166940°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	----------------------	-----------------------	-------------------------	-------------

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

Kick Off Point (KOP)

UL D	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 526 NORTH	Ft. from E/W 785 WEST	Latitude 32.8838595°N	Longitude 103.8979976°W	County EDDY
------	------------	---------------	------------	-----	------------------------	-----------------------	-----------------------	-------------------------	-------------

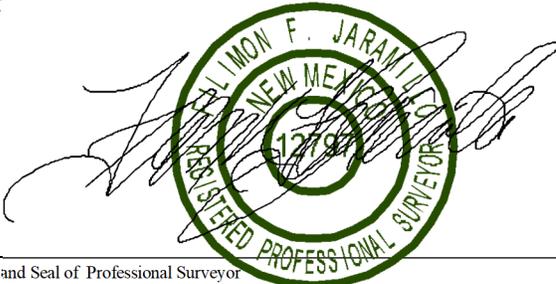
First Take Point (FTP)

UL A	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1230 NORTH	Ft. from E/W 100 EAST	Latitude 32.8819150°N	Longitude 103.9008738°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 1230 NORTH	Ft. from E/W 100 WEST	Latitude 32.8818785°N	Longitude 103.9164335°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10483</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 7 of 16

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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
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
E	32	16 S	31 E		2197 NORTH	1073 WEST	32.8792724°N	103.8970462°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	2	1391 NORTH	20 WEST	32.8814354°N	103.9166943°W	EDDY

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

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	32	16 S	31 E		2197 NORTH	1073 WEST	32.8792724°N	103.8970462°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	31	16 S	31 E		1389 NORTH	100 EAST	32.8814781°N	103.9008725°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	16 S	31 E	2	1391 NORTH	100 WEST	32.8814361°N	103.9164338°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 29, 2025</p> <p style="text-align: right;">SURVEY NO. 10484</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 9 of 16

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.

PETTY 31AB FED COM 005H
 EL. = 3892.8

GEODETIC COORDINATES

NAD 83 NMSP EAST SURFACE LOCATION 2197' FNL, 1073' FWL N.=683889.91 E.=675275.29 LAT.=32.8792724°N LONG.=103.8970462°W	LAST TAKE POINT 1391' FNL, 100' FWL N.=684653.02 E.=669320.28 LAT.=32.8814361°N LONG.=103.9164338°W
--	--

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

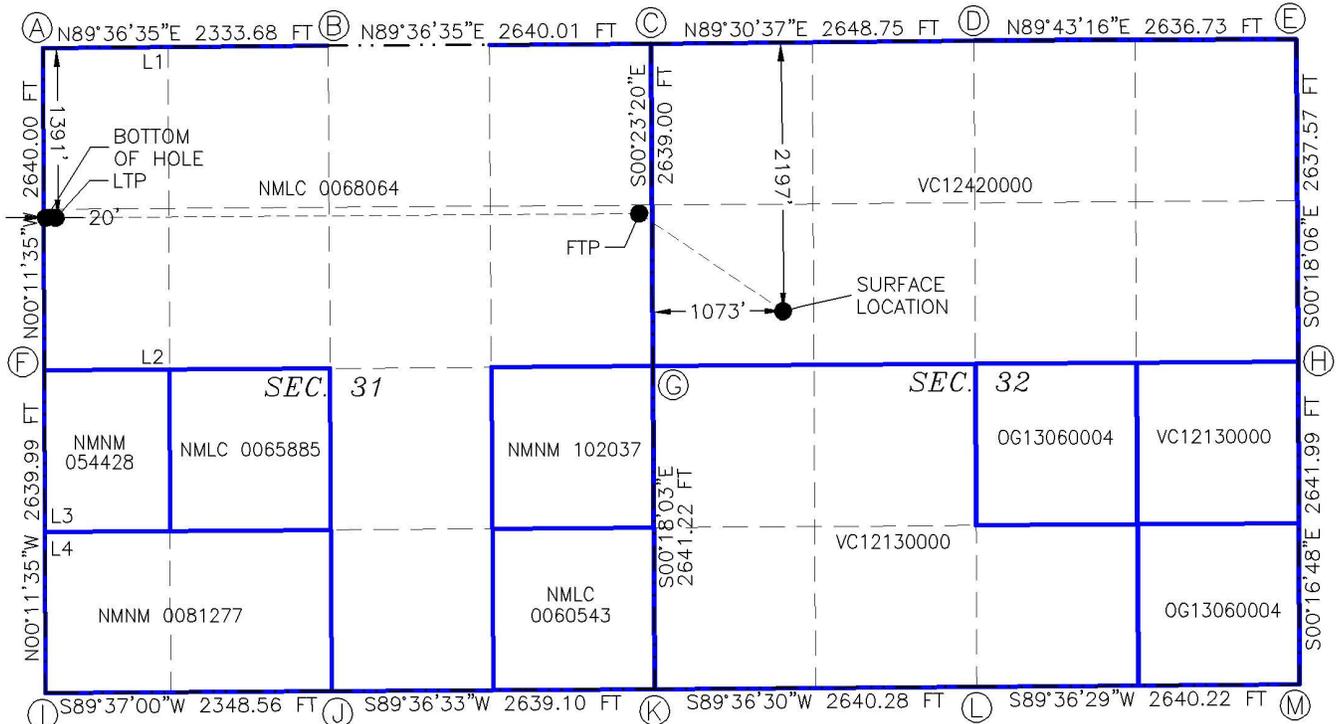
A - N.=686042.98 E.=669215.61
B - N.=686058.88 E.=671548.64
C - N.=686076.85 E.=674187.91
D - N.=686099.49 E.=676835.89
E - N.=686112.32 E.=679471.91
F - N.=683403.67 E.=669224.51
G - N.=683438.58 E.=674205.82
H - N.=683475.46 E.=679485.80
I - N.=680764.37 E.=669233.40
J - N.=680780.07 E.=671581.31
K - N.=680798.07 E.=674219.68
L - N.=680816.12 E.=676859.22
M - N.=680834.18 E.=679498.71

KICK OFF POINT 2197' FNL, 1073' FWL N.=683889.91 E.=675275.29 LAT.=32.8792724°N LONG.=103.8970462°W	BOTTOM OF HOLE 1391' FNL, 20' FWL N.=684652.47 E.=669240.30 LAT.=32.8814354°N LONG.=103.9166943°W
--	--

FIRST TAKE POINT
 1389' FNL, 100' FEL
 N.=684687.55
 E.=674097.37
 LAT.=32.8814781°N
 LONG.=103.9008725°W

LEGEND

--- SECTION LINE
 - - - QUARTER LINE
 _____ LEASE LINE
 - - - - - WELL PATH



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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
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 E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2217 NORTH	Ft. from E/W 1073 WEST	Latitude 32.8792175°N	Longitude 103.8970449°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	------------------------	-----------------------	-------------------------	-------------

Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 1764 NORTH	Ft. from E/W 20 WEST	Latitude 32.8804104°N	Longitude 103.9166950°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	----------------------	-----------------------	-------------------------	-------------

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

Kick Off Point (KOP)

UL E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2217 NORTH	Ft. from E/W 1073 WEST	Latitude 32.8792175°N	Longitude 103.8970449°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	------------------------	-----------------------	-------------------------	-------------

First Take Point (FTP)

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1764 NORTH	Ft. from E/W 100 EAST	Latitude 32.8804477°N	Longitude 103.9008692°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 1764 NORTH	Ft. from E/W 100 WEST	Latitude 32.8804111°N	Longitude 103.9164345°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 29, 2025</p> <p style="text-align: right;">SURVEY NO. 10485</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 11 of 16

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.

PETTY 31AB FED COM 006H
 EL. = 3890.9

GEODETIC COORDINATES
 NAD 83 NMSP EAST
 SURFACE LOCATION
 2217' FNL, 1073' FWL
 N.=683869.91
 E.=675275.78
 LAT.=32.8792175°N
 LONG.=103.8970449°W

LAST TAKE POINT
 1764' FNL, 100' FWL
 N.=684280.12
 E.=669321.53
 LAT.=32.8804111°N
 LONG.=103.9164345°W

KICK OFF POINT
 2217' FNL, 1073' FWL
 N.=683869.91
 E.=675275.78
 LAT.=32.8792175°N
 LONG.=103.8970449°W

BOTTOM OF HOLE
 1764' FNL, 20' FWL
 N.=684279.57
 E.=669241.56
 LAT.=32.8804104°N
 LONG.=103.9166950°W

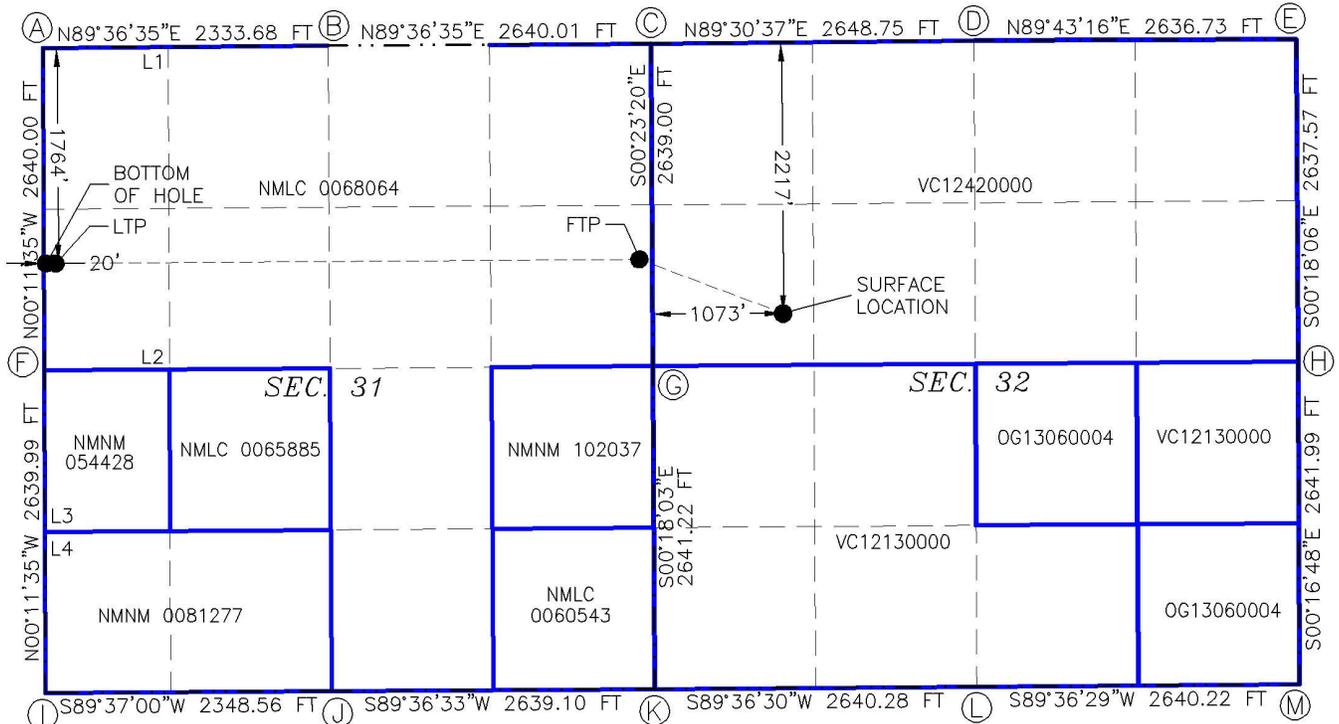
CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686042.98	E.=669215.61
B	N.=686058.88	E.=671548.64
C	N.=686076.85	E.=674187.91
D	N.=686099.49	E.=676835.89
E	N.=686112.32	E.=679471.91
F	N.=683403.67	E.=669224.51
G	N.=683438.58	E.=674205.82
H	N.=683475.46	E.=679485.80
I	N.=680764.37	E.=669233.40
J	N.=680780.07	E.=671581.31
K	N.=680798.07	E.=674219.68
L	N.=680816.12	E.=676859.22
M	N.=680834.18	E.=679498.71

FIRST TAKE POINT
 1764' FNL, 100' FEL
 N.=684312.66
 E.=674099.91
 LAT.=32.8804477°N
 LONG.=103.9008692°W

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - - - WELL PATH



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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
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 E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2237 NORTH	Ft. from E/W 1073 WEST	Latitude 32.8791625°N	Longitude 103.8970435°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	------------------------	-----------------------	-------------------------	-------------

Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2139 NORTH	Ft. from E/W 20 WEST	Latitude 32.8793800°N	Longitude 103.9166957°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	----------------------	-----------------------	-------------------------	-------------

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

Kick Off Point (KOP)

UL E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2237 NORTH	Ft. from E/W 1073 WEST	Latitude 32.8791625°N	Longitude 103.8970435°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	------------------------	-----------------------	-------------------------	-------------

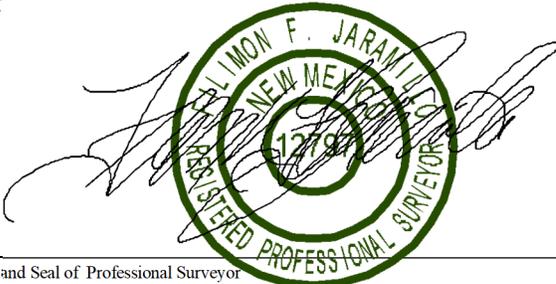
First Take Point (FTP)

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2139 NORTH	Ft. from E/W 100 EAST	Latitude 32.8794172°N	Longitude 103.9008659°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2139 NORTH	Ft. from E/W 100 WEST	Latitude 32.8793806°N	Longitude 103.9164352°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 29, 2025</p> <p style="text-align: right;">SURVEY NO. 10486</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 13 of 16

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.

PETTY 31AB FED COM 007H
 EL. = 3890.5

GEODETIC COORDINATES

NAD 83 NMSP EAST	LAST TAKE POINT
SURFACE LOCATION	2139' FNL, 100' FWL
2237' FNL, 1073' FWL	N.=683905.21
N.=683849.90	E.=669322.80
E.=675276.31	LAT.=32.8793806°N
LAT.=32.8791625°N	LONG.=103.9164352°W
LONG.=103.8970435°W	

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

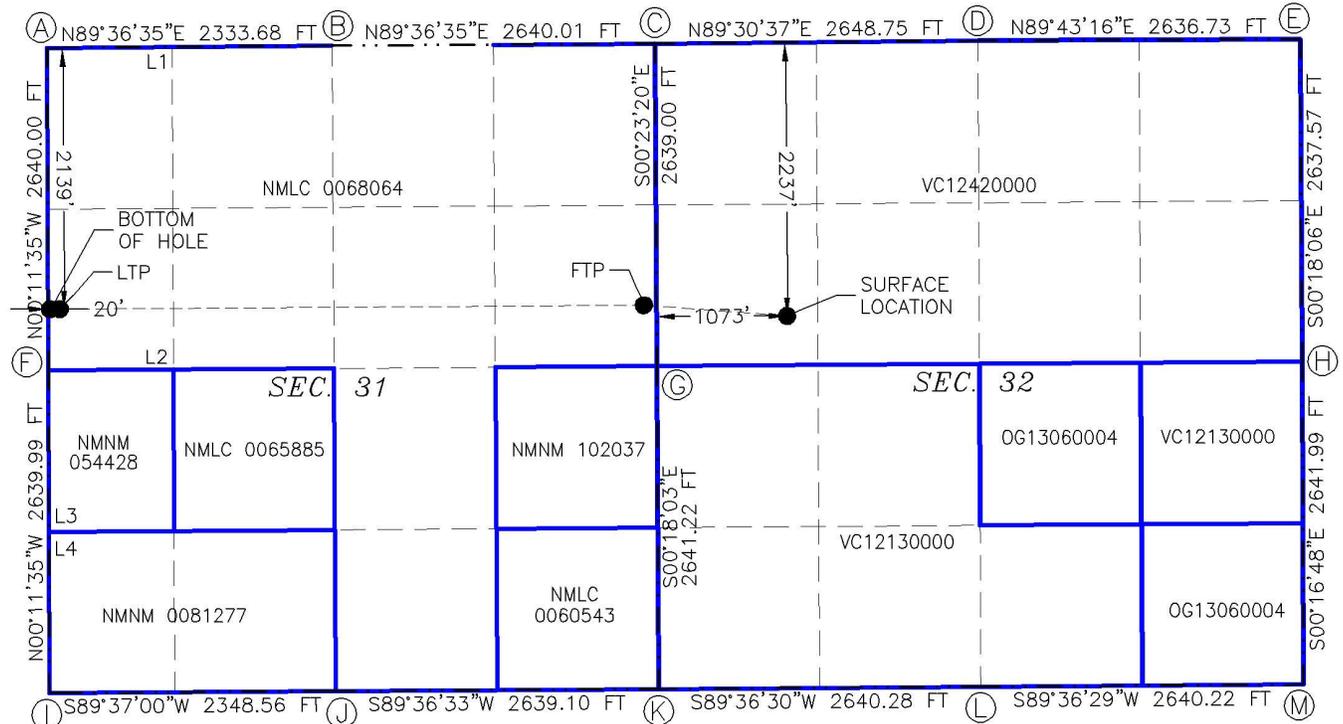
A -	N.=686042.98	E.=669215.61
B -	N.=686058.88	E.=671548.64
C -	N.=686076.85	E.=674187.91
D -	N.=686099.49	E.=676835.89
E -	N.=686112.32	E.=679471.91
F -	N.=683403.67	E.=669224.51
G -	N.=683438.58	E.=674205.82
H -	N.=683475.46	E.=679485.80
I -	N.=680764.37	E.=669233.40
J -	N.=680780.07	E.=671581.31
K -	N.=680798.07	E.=674219.68
L -	N.=680816.12	E.=676859.22
M -	N.=680834.18	E.=679498.71

KICK OFF POINT	BOTTOM OF HOLE
2237' FNL, 1073' FWL	2139' FNL, 20' FWL
N.=683849.90	N.=683904.66
E.=675276.31	E.=669242.82
LAT.=32.8791625°N	LAT.=32.8793800°N
LONG.=103.8970435°W	LONG.=103.9166957°W

FIRST TAKE POINT
 2139' FNL, 100' FEL
 N.=683937.76
 E.=674102.46
 LAT.=32.8794172°N
 LONG.=103.9008659°W

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - - - WELL PATH



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 type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
OGRID No. 372210	Operator Name	Ground Level Elevation
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 E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2257 NORTH	Ft. from E/W 1074 WEST	Latitude 32.8791075°N	Longitude 103.8970425°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	------------------------	-----------------------	-------------------------	-------------

Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2300 NORTH	Ft. from E/W 20 WEST	Latitude 32.8789376°N	Longitude 103.9166960°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	----------------------	-----------------------	-------------------------	-------------

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

Kick Off Point (KOP)

UL E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2257 NORTH	Ft. from E/W 1074 WEST	Latitude 32.8791075°N	Longitude 103.8970425°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	------------------------	-----------------------	-------------------------	-------------

First Take Point (FTP)

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2298 NORTH	Ft. from E/W 100 EAST	Latitude 32.8789803°N	Longitude 103.9008645°W	County EDDY
------	------------	---------------	------------	-----	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2300 NORTH	Ft. from E/W 100 WEST	Latitude 32.8789382°N	Longitude 103.9164355°W	County EDDY
----	------------	---------------	------------	-------	-------------------------	-----------------------	-----------------------	-------------------------	-------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>Email Address _____</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>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.</i></p> <div style="text-align: center;">  </div> <p>Signature and Seal of Professional Surveyor FILIMON F. JARAMILLO</p> <p>Certificate Number: PLS 12797 Date of Survey: JULY 29, 2025</p> <p style="text-align: right;">SURVEY NO. 10487</p>
---	--

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.

LFE/Petty 31AB Wells

Exhibit A-1

Page 15 of 16

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.

PETTY 31AB FED COM 008H
 EL. = 3890.5

GEODETIC COORDINATES
 NAD 83 NMSP EAST
 SURFACE LOCATION
 2257' FNL, 1074' FWL
 N.=683829.89
 E.=675276.69
 LAT.=32.8791075°N
 LONG.=103.8970425°W

LAST TAKE POINT
 2300' FNL, 100' FWL
 N.=683744.25
 E.=669323.33
 LAT.=32.8789382°N
 LONG.=103.9164355°W

KICK OFF POINT
 2257' FNL, 1074' FWL
 N.=683829.89
 E.=675276.69
 LAT.=32.8791075°N
 LONG.=103.8970425°W

BOTTOM OF HOLE
 2300' FNL, 20' FWL
 N.=683743.70
 E.=669243.36
 LAT.=32.8789376°N
 LONG.=103.9166960°W

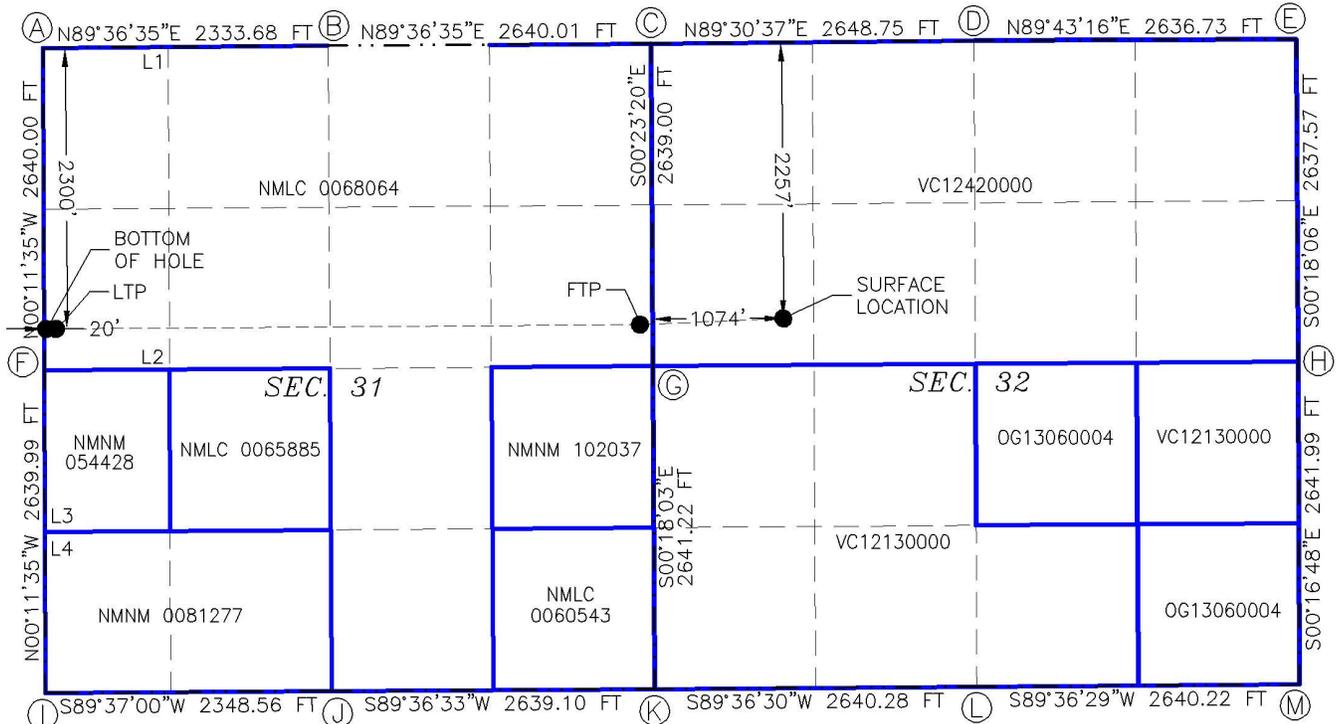
CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686042.98	E.=669215.61
B	N.=686058.88	E.=671548.64
C	N.=686076.85	E.=674187.91
D	N.=686099.49	E.=676835.89
E	N.=686112.32	E.=679471.91
F	N.=683403.67	E.=669224.51
G	N.=683438.58	E.=674205.82
H	N.=683475.46	E.=679485.80
I	N.=680764.37	E.=669233.40
J	N.=680780.07	E.=671581.31
K	N.=680798.07	E.=674219.68
L	N.=680816.12	E.=676859.22
M	N.=680834.18	E.=679498.71

FIRST TAKE POINT
 2298' FNL, 100' FEL
 N.=683778.80
 E.=674103.54
 LAT.=32.8789803°N
 LONG.=103.9008645°W

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - - - WELL PATH





LFE/Petty 31AB Wells
Case No. 25911

Exhibit A-2

Page 1 of 3

0 0.05 0.1 0.2 0.3 0.4 Miles

LFE - Cedar Lake Van Halen 33AB Fed Com Tract Map (Date: 2/25/2026)

Document Path: D:\Data\GIS\Projects\New Mexico\Cedar_Lake\Petty_31AB\Pooling\LFE-Petty_31AB_tracts.mxd



NMLC 068064 -The North Half of the Northeast Quarter (N/2 NE/4), the East Half of the Northwest Quarter (E/2 NW/4), Lot 1 (30.82 acres), Lot 2 (30.91) acres, containing 221.73 acres, more or less.				
Unit Tract	Leaschold Owner	Tract Net Mineral Acres	Tract Working Interest	Unit Working Interest
1	Longfellow LH, LLC	221.73000	100.00%	73.49%
		221.73000	100.00%	73.49%

Lease LC 0060548 - The South Half of the Northeast Quarter (S/2 NE/4) containing 80.00 acres more or less				
Unit Tract	Leaschold Owner	Tract Net Mineral Acres	Tract Working Interest	Unit Working Interest
2	Longfellow LH, LLC	80.00000	100.00%	26.51%
		80.00000	100.00%	26.51%

#	Lessor	Lessee	Date	Lease No.	Unit Tract	NMA of Lease
1	United States of America	C.W. Grier	12/31/1938	LC068064	Tract 1	221.7300
2	United States of America	C.W. Grier	12/31/1938	LC068064	Tract 2	80.0000
TOTAL						301.7300

LFE/Petty 31AB Wells
Case No. 25911

Exhibit A-2

Page 3 of 3

OWNERS	ADDRESS	Ownership Type	Tracts	NET ACRES	WORKING INTEREST	NET REVENUE INTEREST	STATUS & REMARKS
Longfellow LH, LLC	8115 Preston Road, Suite 800, Dallas, TX 75225	Working Interest	1 & 2	301.730000	1.000000000	0.800000000	Participating
Summit Overseas Exploration, Inc.	PO Box 271127, Littleton, CO 80127	Overriding Royalty Interest	1 & 2			0.053598623	Force Pool
William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992	Possible Contact: Frank M. Dougherty, attorney PO Box 25151 Albuquerque, NM 87125	Overriding Royalty Interest	1 & 2			0.01875	Force Pool
Roger and Kyla Thompson Trust, dated September 18, 2023, Kyla Taylor Thompson and Roget Wayne Thompson, Trustees	2120 Teodoro Rd. NW, Albuquerque, NM 87107	Overriding Royalty Interest	2			0.001325689	Force Pool
Druella Wilbanks	PO Box 84, Maljamar, NM 88264	Overriding Royalty Interest	2			0.000441896	Force Pool
Alice Holeman Deveaux	PO Box 2614, Taos, NM 87571	Overriding Royalty Interest	2			0.000441896	Force Pool
Cecilia Aymond	11094 County Road 2464, Terrell, TX 75160	Overriding Royalty Interest	2			0.000441896	Force Pool
United States of America	301 Dinosaur Trail Santa Fe, NM 87508	Royalty Interest	1 & 2			0.125	
				301.730000	1.000000	1.000000000	

COMMITMENT STATUS OF INTEREST OWNERS

Owner Name	Ownership Status (Committed or Uncommitted)	Commitment Type (if applicable) (e.g., oral, signed letter, signed JOA)	Notice Provided (if uncommitted) (Type, Date, Exhibit #)
Summit Overseas Exploration, Inc. (ORRI)	Uncommitted	n/a	Mailed 02/12/26, Delivered 02/18/26. Exhibits C-1, C-2, and C-3 Published 02/17/26. Exhibit C-4
William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992 (ORRI)	Uncommitted	n/a	Mailed 02/12/26, NOT Delivered. Exhibits C-1, C-2, and C-3 Published 02/17/26. Exhibit C-4
Roger and Kyla Thompson Trust, dated September 18, 2023, Kyla Taylor Thompson and Roger Wayne Thompson, Trustees (ORRI)	Uncommitted	n/a	Mailed 02/12/26, NOT Delivered. Exhibits C-1, C-2, and C-3 Published 02/17/26. Exhibit C-4
Druella Wilbanks (ORRI)	Uncommitted	n/a	Mailed 02/12/26, Delivered 02/17/26. Exhibits C-1, C-2, and C-3 Published 02/17/26. Exhibit C-4
Alice Holeman Deveaux (ORRI)	Uncommitted	n/a	Mailed 02/12/26, NOT Delivered. Exhibits C-1, C-2, and C-3 Published 02/17/26. Exhibit C-4
Cecilia Aymond (ORRI)	Uncommitted	n/a	Mailed 02/12/26, Delivered 02/18/26. Exhibits C-1, C-2, and C-3 Published 02/17/26. Exhibit C-4

Tab 4

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

**APPLICATION OF LONGFELLOW ENERGY, L.P.
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 25911

SELF-AFFIRMED STATEMENT OF GEOLOGIST JACOB S. DEHAMER

I, Jacob S. DeHamer, do hereby state and affirm the following:

1. I am over the age of 18 and have the capacity to execute this statement, which is based on my personal knowledge.
2. I am a Geologist for Longfellow Energy, L.P. (“LFE”) and am familiar with the subject applications and geology involved.
3. This testimony is submitted in connection with the filing by LFE of the above-referenced compulsory pooling application pursuant to 19.15.4.12(A)(1) NMAC.
4. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology matters. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record. A summary of my education and work experience is as follows: I graduated from Calvin College in 2006 with a Bachelor’s of Science in Geology and from Louisiana State University in 2010 with a Master’s Degree in Applied Geology. I have worked as a petroleum geologist in the oil and gas industry for 17 years. I have been employed with LFE in its geology department since 2022 and have worked on New Mexico oil and gas matters since that time.
5. **Exhibit B-1** is a general location map indicating the location of the proposed Petty 31AB horizontal spacing unit (“HSU”).

6. **Exhibit B-2** is a subsea structure map and cross-section map showing the structure of the top of the Yeso formation. Contour interval is 50'. The Yeso structure dips NW to SE in the proposed Petty 31AB HSU. The cross section referenced in Exhibit B-3 is annotated.

7. **Exhibit B-3** is a stratigraphic cross section showing the gross stratigraphic section of the Paddock and Blinebry members of the Yeso formation. The total gross thickness of the Yeso section in the Petty 31AB HSU is approximately 1400' thick.

8. **Exhibit B-4** is a gunbarrel diagram depicting each well. These diagrams show the approximate landing zones in reference to the type log for the area and the associated spacing of the wellbores within the half-section width of the Petty 31AB HSU.

9. **Exhibit B-5** is a gross isopach map showing the gross Yeso thickness in the Petty AB unit project area. The Yeso thickness is between 1200' and 1400' thick in adjacent sections to the HSU.

10. The measured depths and true vertical depths for each well are approximately as follows:

WELL	MD	TVD
Petty 31AB Fed Com 001H	11,941'	4,941'
Petty 31AB Fed Com 002H	12'890'	5,890'
Petty 31AB Fed Com 003H	12,340'	5,340'
Petty 31AB Fed Com 004H	12,890'	5,890'
Petty 31AB Fed Com 005H	11,941'	4,941'
Petty 31AB Fed Com 006H	12,340'	5,340'
Petty 31AB Fed Com 007H	11,941'	4,941'
Petty 31AB Fed Com 008H	12,890'	5,890'

11. Based on my geologic study of the area, I conclude the following:
 - a. The horizontal spacing and proration unit are justified from a geologic standpoint.
 - b. There are no structural impediments or faulting that will interfere with horizontal development.
 - c. Each quarter-quarter section in the HSUs will contribute more or less equally to production.
 - d. The planned E-W well orientation is consistent with horizontal development along the Yeso Trend.
12. The exhibits to this testimony were prepared by me or compiled from LFE's business records.
13. The granting of the Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.
14. The foregoing is correct and complete to the best of my knowledge and belief.

I affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.

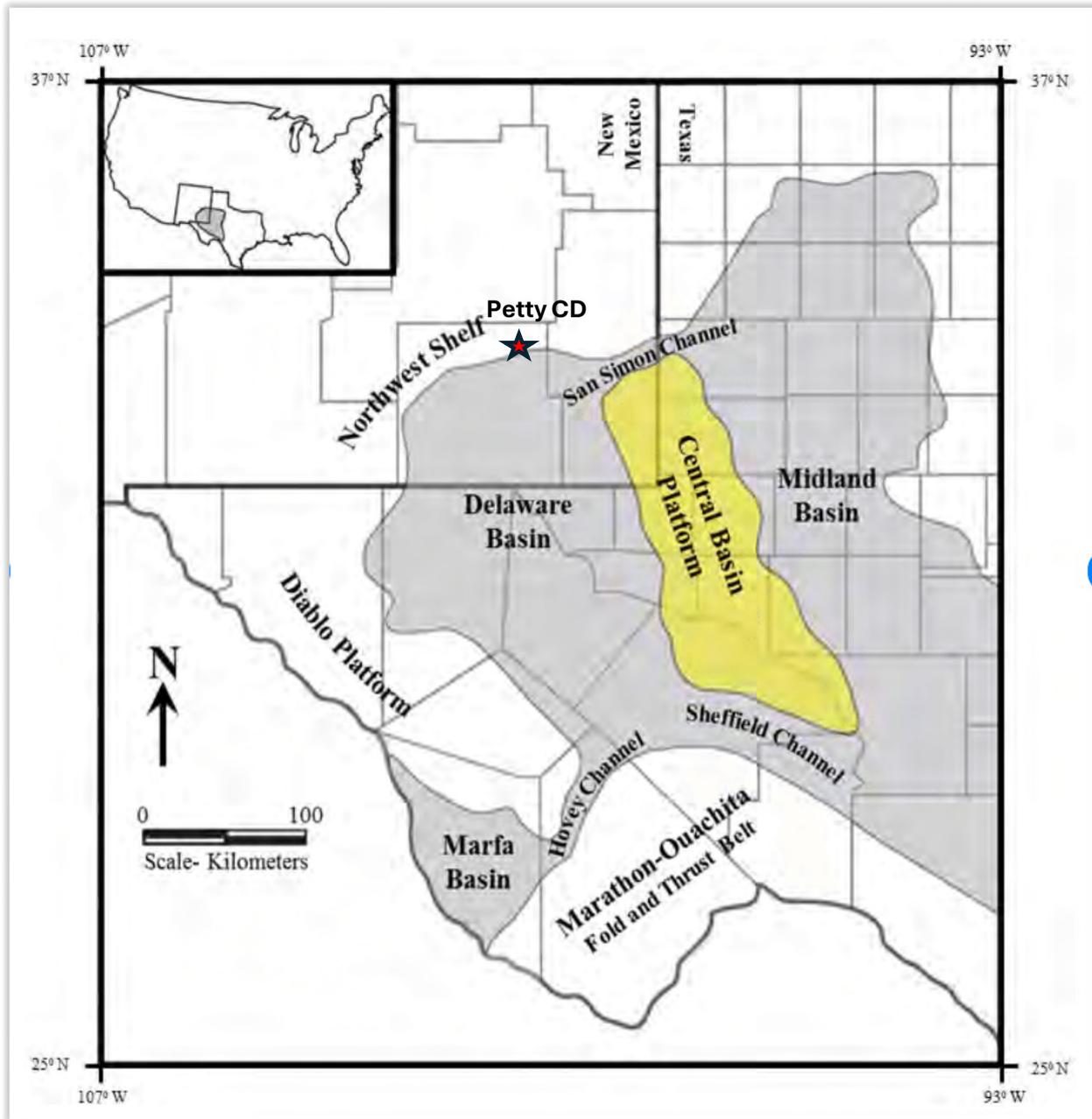


Jacob S. DeHamer

2.25.26
DATE

Petty 31AB Unit Exhibit B-1

Geologic Setting

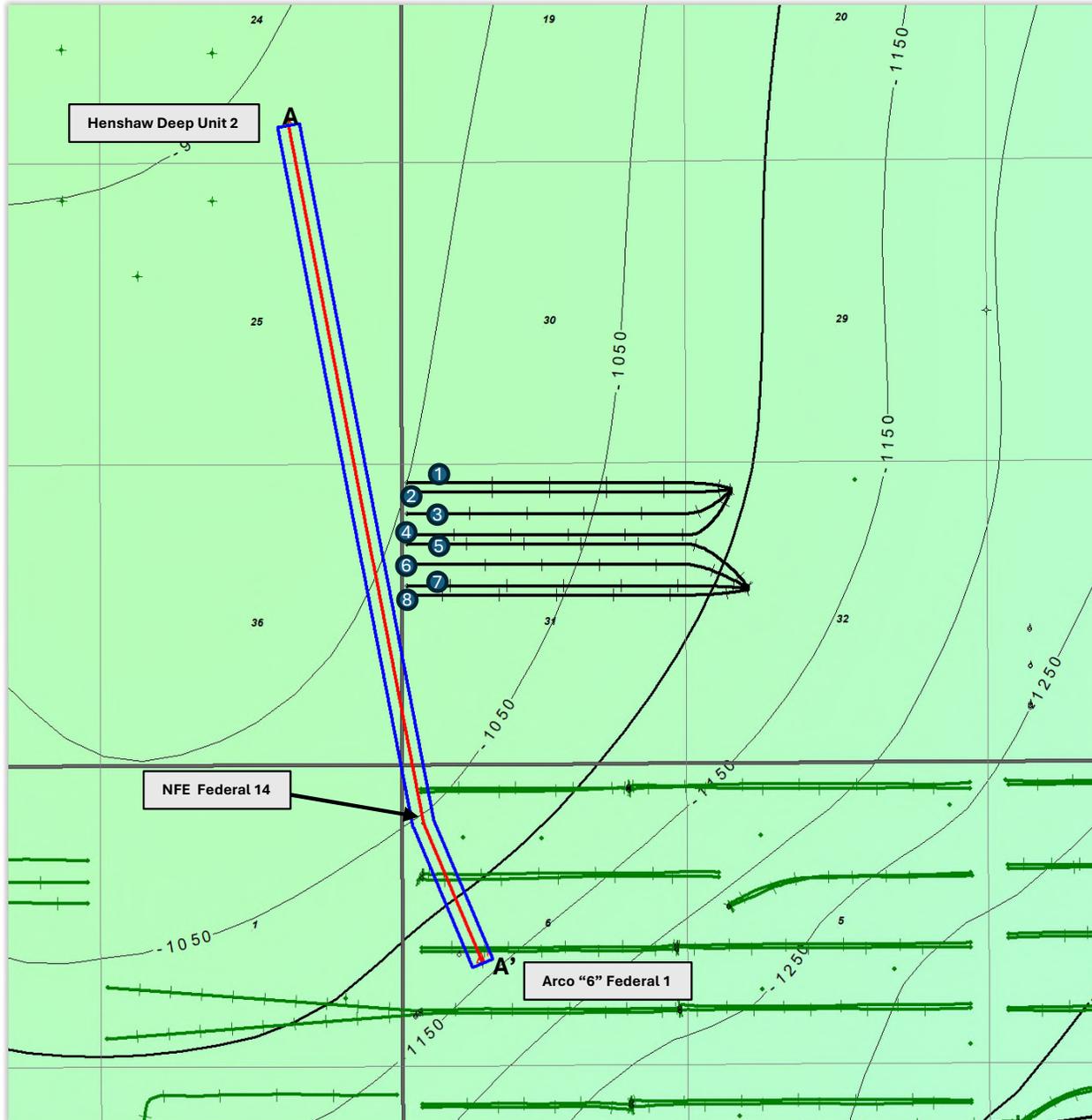


Top Yeso Structure Map TVDSS

CI 50'

Petty 31AB Unit Exhibit B-2

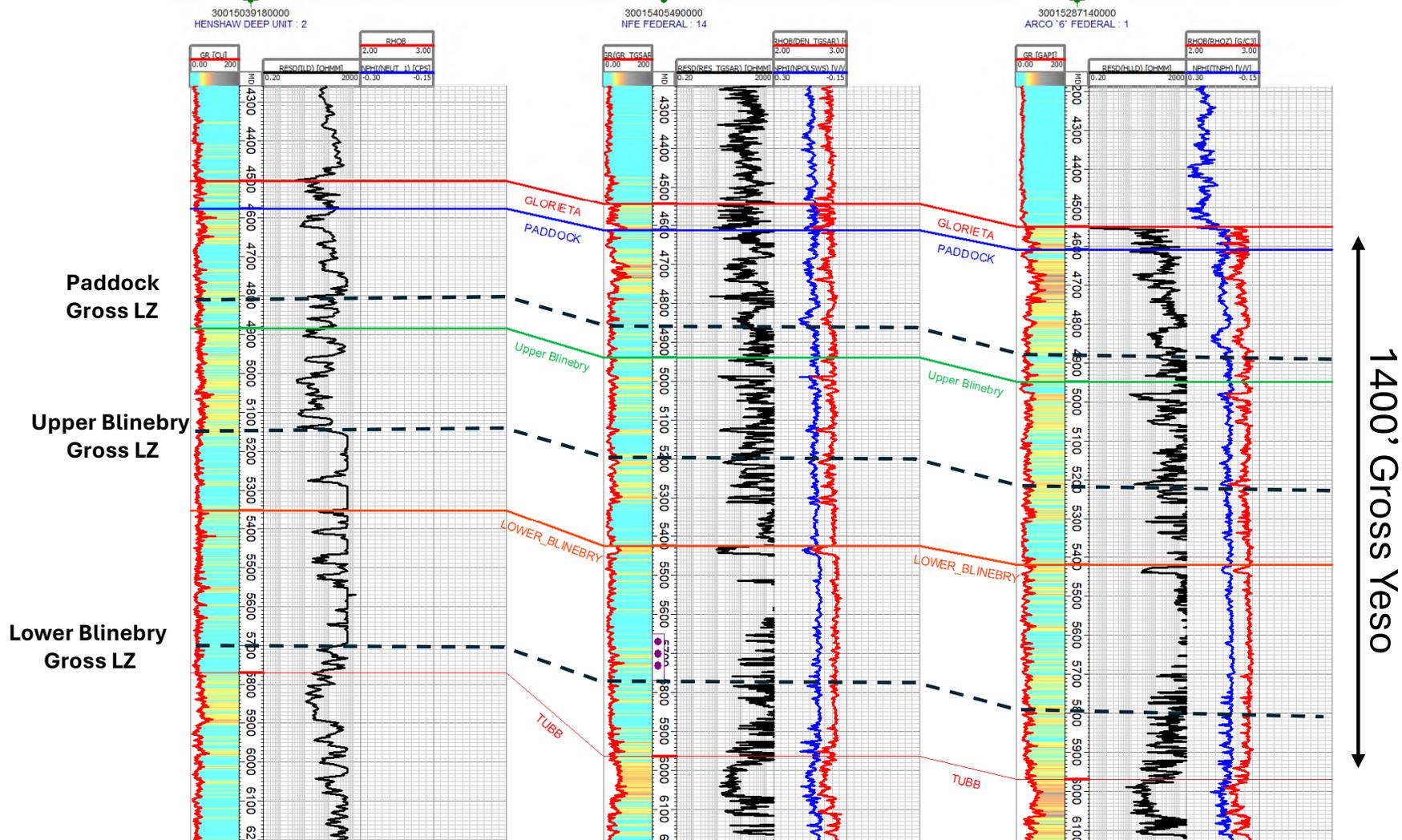
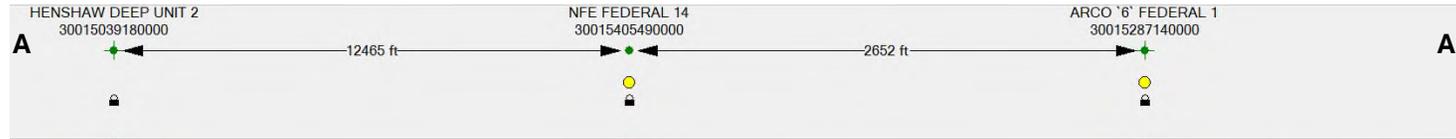
Only Wells >3000' TD Shown
Structural Dip 1.0 deg W to E



- ① Petty 31AB Fed Com 001H
- ② Petty 31AB Fed Com 002H
- ③ Petty 31AB Fed Com 003H
- ④ Petty 31AB Fed Com 004H
- ⑤ Petty 31AB Fed Com 005H
- ⑥ Petty 31AB Fed Com 006H
- ⑦ Petty 31AB Fed Com 007H
- ⑧ Petty 31AB Fed Com 008H

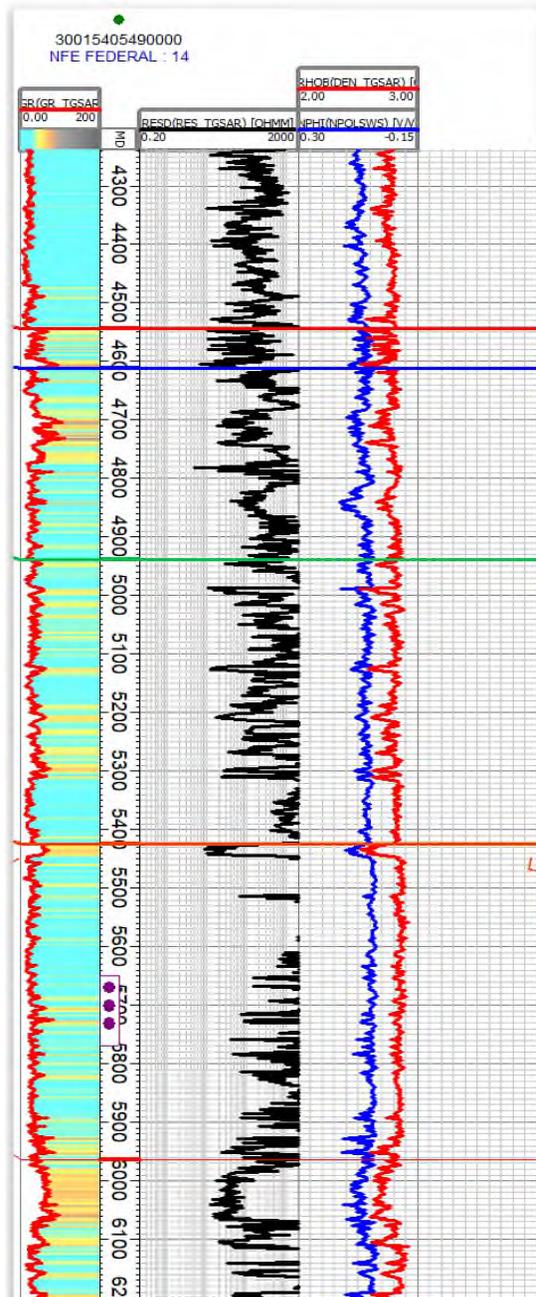
Petty 31AB Unit Exhibit B-3

Yeso Cross Section A-A'

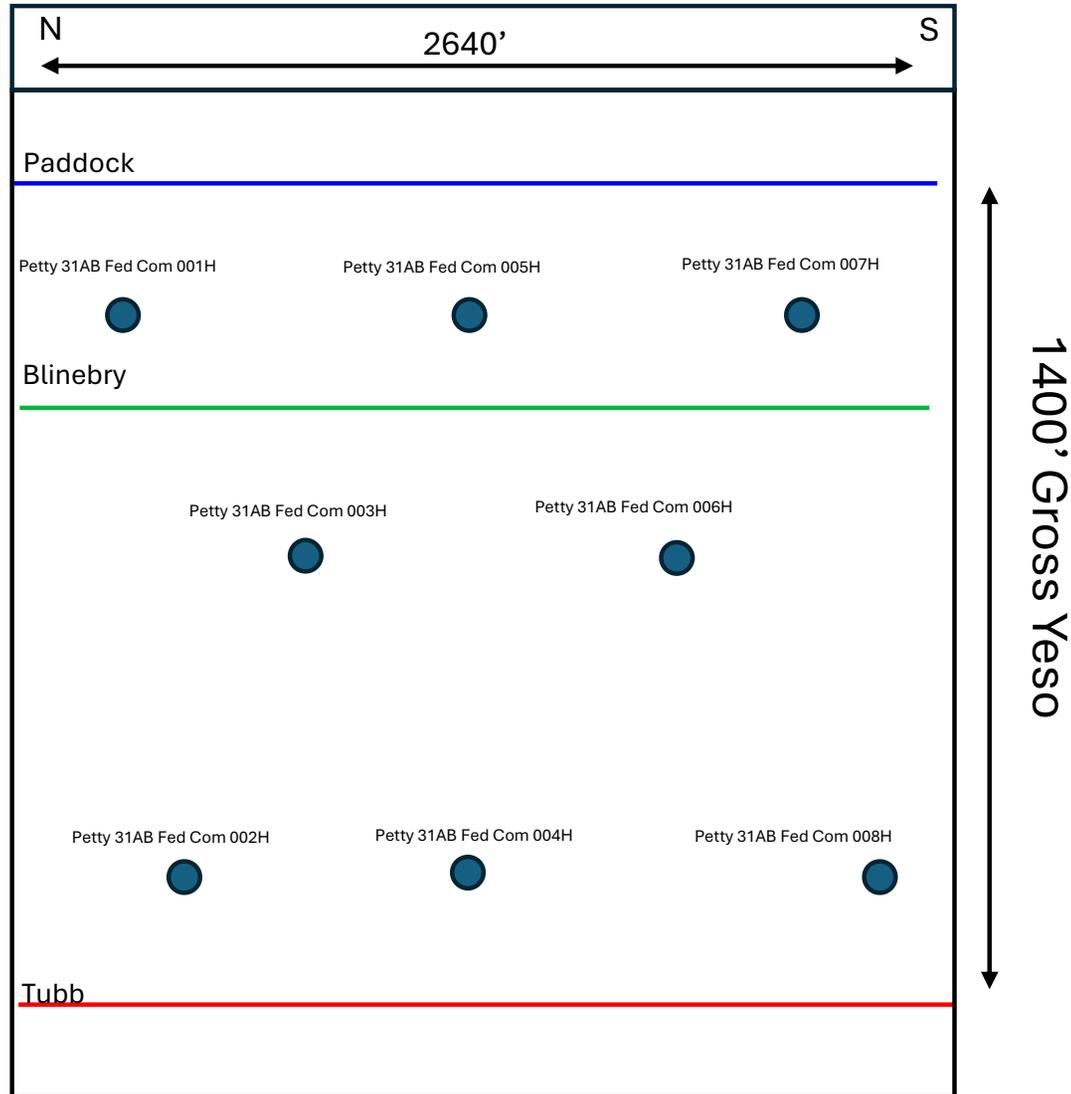


Petty 31AB Unit CPO Exhibit B-4

Petty 31AB Fed Com Gun Barrel



Van Halen 33AB Fed Com. Wells will be drilled West to East.

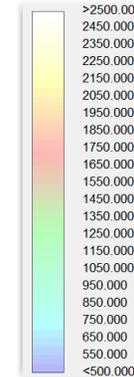
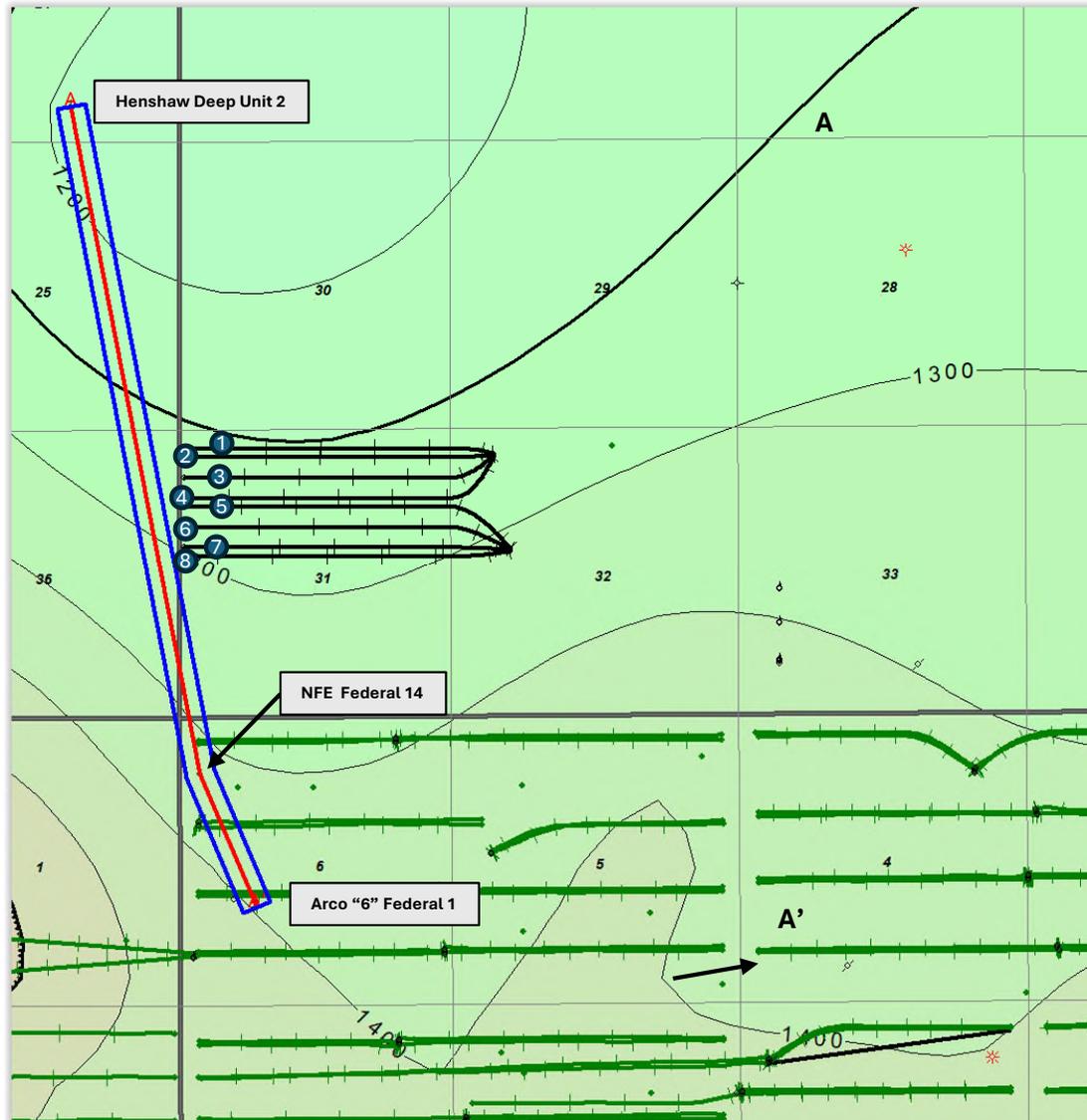


Note: Gunbarrel depths are approximate and subject to change

Petty 31AB Unit Exhibit B-5

Yeso Gross Isopach Map CI 50'

Only Wells >3000' TD Shown



- ① Petty 31AB Fed Com 001H
- ② Petty 31AB Fed Com 002H
- ③ Petty 31AB Fed Com 003H
- ④ Petty 31AB Fed Com 004H
- ⑤ Petty 31AB Fed Com 005H
- ⑥ Petty 31AB Fed Com 006H
- ⑦ Petty 31AB Fed Com 007H
- ⑧ Petty 31AB Fed Com 008H

Tab)

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

**APPLICATION OF LONGFELLOW ENERGY, L.P.
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 25911

AFFIRMATION OF NOTICE

I, Sharon T. Shaheen, attorney for LONGFELLOW ENERGY, L.P. (“Longfellow”), Applicant in the above-captioned matter, state and affirm the following:

I caused notice of the application to be sent by certified mail through the United States Postal Service on February 12, 2026, to all interest owners whose interest is evidenced by a written conveyance document either of record or known to Longfellow at the time this application was filed. Longfellow owns 100% of the working interests in the leases and seeks to pool only the owners of overriding royalty interests. A sample notice letter to all overriding royalty owners is attached hereto as Exhibit C-1. A chart showing the results of certified mailing is attached as Exhibit C-2, and the certified mailing receipts and returns are attached as Exhibit C-3. Notice was also directed to all such owners by publication in the Carlsbad Current Argus on February 17, 2026, as shown in the Notice attached hereto as Exhibit C-4. The attached exhibits demonstrate to my satisfaction that all owners sought to be pooled were properly served.

Longfellow has conducted a good faith, diligent effort to find the names and correct addresses for the interest-owners entitled to receive notice of the Application filed herein.

I affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.

/s/ Sharon T. Shaheen
SHARON T. SHAHEEN

February 26, 2026
Date



SpencerFane®

Sharon T. Shaheen
Direct Dial: 505-986-2678
sshhaheen@spencerfane.com

February 12, 2026

Via U.S. Certified Mail, return receipt requested

TO: ALL INTEREST OWNERS ON ATTACHED LIST

Re: Case No. 25911 – Application of Longfellow Energy, L.P. for Compulsory Pooling, Eddy County, New Mexico – **Petty Fed Com 31AB wells**

Dear Interest Owner:

This will advise that pursuant to NMSA 1978, § 70-2-17, LONGFELLOW ENERGY, L.P. (“Longfellow”) has filed an application with the New Mexico Oil Conservation Division seeking an order pooling all uncommitted interests in the proposed well described below. You are receiving this notice because you may have an interest in this well.

Case No. 25911. Application of Longfellow Operating Partners, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Oil Conservation Division approving a standard ~320-acre horizontal spacing and proration unit (“HSU”), with proximity tracts, comprised of the N/2 of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico and pooling all mineral interests in the Yeso formation (Cedar Lake; Glorieta-Yeso [96831]) underlying the HSU. Applicant proposes to drill the following 1.0-mile wells in the HSU: Petty 31AB Fed Com 001H well, to be horizontally drilled from a surface hole location (“SHL”) approximately 785’ FWL and 466’ FNL of Section 32-16S-31E and a bottomhole location (“BHL”) approximately 20’ FWL & 340’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 002H well, to be horizontally drilled from a SHL approximately 785’ FWL and 486’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 480’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 003H well, to be horizontally drilled from a SHL approximately 785’ FWL and 506’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 855’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 004H well, to be horizontally drilled from a SHL approximately 785’ FWL and 526’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 1,230’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 005H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2,197’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 1,391’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2,217’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 1,764’ FNL of Section 31-16S-31E; Petty 31AB Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2,237’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 2,139’ FNL of Section 31-16S-31E; and Petty 31AB Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,073’ FWL and 2,257’ FNL of Section 32-16S-31E and a BHL approximately 20’ FWL & 2,300’ FNL of Section 31-16S-31E.. With the proximity tracts, the completed intervals of the other wells will meet

LFE/Petty 31AB Wells
Case No. 25911

Exhibit C-1

Page 1 of 3

SPENCER FANE LLP | 325 PASEO DE PERALTA, SANTA FE, NM 87501 | 505.982.3873 | FAX 505.982.4289 | spencerfane.com

All Interest Owners
February 12, 2026
Page 2



SpencerFane®

standard setback requirements. The first and last take points of all wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. Additional considerations will be the cost of drilling and completing the well and allocation of such costs, the designation of Applicant as operator of the HSU and wells to be drilled thereon, and a 200% charge for the risk involved in drilling and completing the well. The well and lands are located approximately 6 miles Northeast of Loco Hills, New Mexico.

The attached application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on **March 5, 2026**, beginning at 9:00 a.m. Hearings are currently conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date at <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, you may appear and present testimony.

Failure to appear at that time and become a party of record will preclude you from challenging these applications at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance **eight days prior to the hearing**, no later than **February 25, 2026**, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement **seven days prior to the hearing**, no later than **February 26, 2026**, in accordance with Division Rule 19.15.4.13 NMAC.

Please feel free to contact me if you have any questions about this application.

Very truly yours,

/s/ Sharon T. Shaheen

Sharon T. Shaheen

Enclosure

cc: Longfellow Energy, L.P., *via email*

EXHIBIT A

INTEREST OWNERS

Working Interest Party(ies):

None

Overriding Royalty Interest Party(ies):

Summit Overseas Exploration, Inc.
P.O. Box 271127
Littleton, CO 80127

William J. Colby, Trustee of the Colby
Revocable Living Trust U/A
dated January 14, 1992
P.O. Box 25151
Albuquerque, NM 87125

Roger and Kyla Thompson Trust,
dated September 18, 2023, Kyla Taylor Thompson
and Roger Wayne Thompson, Trustees
2120 Teodoro Road NW
Albuquerque, NM 87107

Druella Wilbanks
P.O. Box 84
Maljamar, NM 88264

Alice Holeman Deveaux
P.O. Box 2614
Taos, NM 87571

Cecilia Aymond
11094 County Road 2464
Terrell, TX 75160

Additional Interested Party(ies):

Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

LONGFELLOW ENERGY, L.P.
Petty Federal Com 31AB Wells / NMOCD No. 25911
March 5, 2026 Hearing

Entity	Date Letter Mailed	Certified Mail Number ¹	Status of Delivery	Date Received
WORKING INTEREST PARTY(IES)				
None				
OVERRIDING ROYALTY INTEREST PARTY(IES)				
Summit Overseas Exploration, Inc. P.O. Box 271127 Littleton, CO 80127	February 12, 2026	9314 7699 0430 0145 8813 18	Delivered	February 18, 2026
William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992 P.O. Box 25151 Albuquerque, NM 87125	February 12, 2026	9314 7699 0430 0145 8813 25	Envelope Returned / Not Deliverable as Addressed	
Roger and Kyla Thompson Trust, dated September 18, 2023, Kyla Taylor Thompson and Roger Wayne Thompson, Trustees 2120 Teodoro Road NW Albuquerque, NM 87107	February 12, 2026	9314 7699 0430 0145 8813 32	Mailed / Reminder to Schedule Redelivery	
Druella Wilbanks P.O. Box 84 Maljamar, NM 88264	February 12, 2026	9314 7699 0430 0145 8813 49	Delivered	February 17, 2026

LONGFELLOW ENERGY, L.P.
Petty Federal Com 31AB Wells / NMOCD No. 25911
March 5, 2026 Hearing

Entity	Date Letter Mailed	Certified Mail Number¹	Status of Delivery	Date Received
Alice Holeman Deveaux P.O. Box 2614 Taos, NM 87571	February 12, 2026	9314 7699 0430 0145 8813 56	To Be Returned / Vacant	
Cecilia Aymond 11094 County Road 2464 Terrell, TX 75160	February 12, 2026	9314 7699 0430 0145 8813 63	Delivered	February 18, 2026
ADDITIONAL PARTY(IES)				
Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220	February 12, 2026	9314 7699 0430 0145 8813 70	Delivered	February 17, 2026

¹ Spencer Fane uses Covius Print-Ready Services (powered by WALZ) for its certified mailing of the notice letters which provides status of mailings electronically.

Transaction Details

Recipient:
 Summit Overseas Exploration, Inc.
 P.O. Box 271127
 Littleton, CO 80127

Date Created: 02/11/2026 12:00 PM
Date Mail Delivered: 02/18/2026 3:44 PM
USPS Article Number: 9314769904300145881318
Return Receipt Article Number: 9590969904300145881310

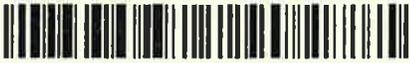
Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2108) Petty 31AB Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
Mail Service: Certified
Reference #: 001
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Delivered
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Longfellow
Custom Field 3: Petty 31AB Well

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 329887

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	02-11-2026 01:13 PM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 05:52 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at DENVER CO DISTRIBUTION CENTER
USPS® Certified Mail	02-16-2026 01:19 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at DENVER CO DISTRIBUTION CENTER
USPS® Certified Mail	02-17-2026 10:50 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at DENVER CO DISTRIBUTION CENTER
USPS® Certified Mail	02-17-2026 02:50 PM	[USPS] - AVAILABLE FOR PICKUP at LITTLETON,CO
USPS® Certified Mail	02-18-2026 03:44 PM	[USPS] - CERTIFIED MAIL DELIVERED PO BOX at LITTLETON,CO

Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0145 8813 10		A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
		B. Received by (Printed Name) GATY DAVIS	C. Date of Delivery 2/18/26
1. Article Addressed to: Summit Overseas Exploration, Inc. P.O. Box 271127 Littleton, CO 80127		D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:	
		3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery	
2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0145 8813 18		Reference Information	
PS Form 3811, Facsimile, July 2015		Domestic Return Receipt	

Transaction Details

Recipient:
 William J. Colby,
 Trustee of the Colby Revocable Living Trust
 U/A dated January 14, 1992
 P.O. Box 25151
 Albuquerque, NM 87125

Date Created: 02/11/2026 12:00 PM
USPS Article Number: 9314769904300145881325
Return Receipt Article Number: 9590969904300145881327

Service Options: Return Receipt
 Certified Mail

Mail Service: Certified
Reference #: 002
Postage: \$1.90
Certified Mail Fees: \$9.70

Status: To be Returned
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Longfellow
Custom Field 3: Petty 31AB Well

Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2108) Petty 31AB Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 329887

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	02-11-2026 01:13 PM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 01:50 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 08:41 AM	[USPS] - ARRIVAL AT UNIT at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 09:14 AM	[USPS] - ADDRESSEE UNKNOWN at ALBUQUERQUE,NM
USPS® Certified Mail	02-17-2026 07:59 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at PHOENIX AZ DISTRIBUTION CENTER
USPS® Certified Mail	02-20-2026 03:52 PM	[USPS] - RETURN TO SENDER at SANTA FE,NM

Transaction Details

Recipient: Roger and Kyla Thompson Trust, dated September 18, 2023 Kyla Taylor Thompson and Roger Wayne Thompson, Trustees 2120 Teodoro Road NW Albuquerque, NM 87107	Date Created: 02/11/2026 12:00 PM USPS Article Number: 9314769904300145881332 Return Receipt Article Number: 9590969904300145881334
Sender: Sharon T. Shaheen Longfellow (9015392 2108) Petty 31AB Wells Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	Service Options: Return Receipt Certified Mail Mail Service: Certified Reference #: 003 Postage: \$1.90 Certified Mail Fees: \$9.70 Status: Mailed Sender: S. Shaheen Contents: Notice Letter Custom Field 2: Longfellow Custom Field 3: Petty 31AB Well
Transaction created by: Dortiz User ID: 32565 Firm Mailing Book ID: None Batch ID: 329887	

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	02-11-2026 01:13 PM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 01:49 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 04:24 PM	[USPS] - NO AUTHORIZED RECIPIENT AVAILABLE at ALBUQUERQUE,NM
USPS® Certified Mail	02-19-2026 04:31 AM	[USPS] - REMINDER TO SCHEDULE REDELIVERY at ALBUQUERQUE,NM

Transaction Details

Recipient:

Druella Wilbanks
P.O. Box 84
Maljamar, NM 88264

Date Created: 02/11/2026 12:00 PM

Date Mail Delivered: 02/17/2026 11:50 AM

USPS Article Number: 9314769904300145881349

Return Receipt Article Number: 9590969904300145881341

Sender:

Sharon T. Shaheen
Longfellow (9015392.2108) Petty 31AB Wells
Spencer Fane, LLP
325 Paseo de Peralta
Santa Fe, NM 87501-1860

Service Options:

Return Receipt
Certified Mail

Mail Service:

Certified

Reference #:

004

Postage:

\$1.90

Certified Mail Fees:

\$9.70

Status:

Delivered

Transaction created by: Dortiz

User ID: 32565

Firm Mailing Book ID: None

Batch ID: 329887

Sender:

S. Shaheen

Contents:

Notice Letter

Custom Field 2:

Longfellow

Custom Field 3:

Petty 31AB Well

Transaction History

Event Description

Event Date

Details

USPS® Return Receipt	02-11-2026 01:13 PM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 12:14 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at LUBBOCK TX DISTRIBUTION CENTER
USPS® Certified Mail	02-14-2026 04:51 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at LUBBOCK TX DISTRIBUTION CENTER
USPS® Certified Mail	02-17-2026 10:48 AM	[USPS] - ARRIVAL AT UNIT at MALJAMAR,NM
USPS® Certified Mail	02-17-2026 10:55 AM	[USPS] - AVAILABLE FOR PICKUP at MALJAMAR,NM
USPS® Certified Mail	02-17-2026 11:50 AM	[USPS] - CERTIFIED MAIL DELIVERED INDIVIDUAL PICKED UP AT PO at MALJAMAR,NM

Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0145 8813 41		A. Signature <input type="checkbox"/> Agent	<input type="checkbox"/> Addressed
		<input checked="" type="checkbox"/> <i>Druella Wilbanks</i>	
1. Article Addressed to: Druella Wilbanks P.O. Box 84 Maljamar, NM 88264		B. Received by (Printed Name)	C. Date of Delivery
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0145 8813 49		3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery	
		<u>Reference Information</u>	
PS Form 3811, Facsimile, July 2015		Domestic Return Receipt	

Transaction Details

Recipient:
 Alice Holeman Deveaux
 P.O. Box 2614
 Taos, NM 87571

Date Created: 02/11/2026 12:00 PM
USPS Article Number: 9314769904300145881356
Return Receipt Article Number: 9590969904300145881358

Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2108) Petty 31AB Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
Mail Service: Certified
Reference #: 005
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Undelivered - To Be Returned
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Longfellow
Custom Field 3: Petty 31AB Well

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 329887

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	02-11-2026 01:13 PM	{USPS} - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-13-2026 09:35 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 12:15 PM	[USPS] - AVAILABLE FOR PICKUP at TAOS,NM
USPS® Certified Mail	02-14-2026 12:48 PM	[USPS] - VACANT at TAOS,NM
USPS® Certified Mail	02-19-2026 02:23 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-19-2026 09:01 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-26-2026 05:01 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at PHOENIX AZ DISTRIBUTION CENTER

Transaction Details

Recipient:

Cecilia Aymond
11094 County Road 2464
Terrell, TX 75160

Date Created:

02/11/2026 12:00 PM

Date Mail Delivered:

02/18/2026 10:21 AM

USPS Article Number:

9314769904300145881363

Return Receipt Article Number:

9590969904300145881365

Sender:

Sharon T. Shaheen
Longfellow (9015392.2108) Petty 31AB Wells
Spencer Fane, LLP
325 Paseo de Peralta
Santa Fe, NM 87501-1860

Service Options:

Return Receipt
Certified Mail

Mail Service:

Certified

Reference #:

006

Postage:

\$1.90

Certified Mail Fees:

\$9.70

Status:

Delivered

Transaction created by:

Dortiz

User ID:

32565

Firm Mailing Book ID:

None

Batch ID:

329887

Sender:

S. Shaheen

Contents:

Notice Letter

Custom Field 2:

Longfellow

Custom Field 3:

Petty 31AB Well

Transaction History

Event Description

Event Date

Details

USPS® Return Receipt	02-11-2026 01:13 PM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 01:32 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at DALLAS TX DISTRIBUTION CENTER
USPS® Certified Mail	02-14-2026 08:18 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at DALLAS TX DISTRIBUTION CENTER
USPS® Certified Mail	02-17-2026 04:08 PM	[USPS] - NO AUTHORIZED RECIPIENT AVAILABLE at TERRELL,TX
USPS® Certified Mail	02-18-2026 10:21 AM	[USPS] - CERTIFIED MAIL DELIVERED INDIVIDUAL PICKED UP AT PO at TERRELL,TX

Return Receipt (Form 3811) Barcode	COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0145 8813 65	A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Addressee	
	B. Received by (Printed Name)	C. Date of Delivery
1. Article Addressed to:	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
Cecilia Aymond 11094 County Road 2464 Terrell, TX 75160	3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery	
2. Certified Mail (Form 3800) Article Number	<u>Reference Information</u>	
9314 7699 0430 0145 8813 63		
PS Form 3811, Facsimile, July 2015	Domestic Return Receipt	

Transaction Details

Recipient:
 Bureau of Land Management
 620 East Greene Street
 Carlsbad, NM 88220

Date Created: 02/11/2026 12:00 PM
Date Mail Delivered: 02/17/2026 2:20 PM
USPS Article Number: 9314769904300145881370
Return Receipt Article Number: 9590969904300145881372

Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2108) Petty 31AB Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
Mail Service: Certified
Reference #: 007
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Delivered
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Longfellow
Custom Field 3: Petty 31AB Well

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 329887

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	02-11-2026 01:13 PM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	02-11-2026 03:25 PM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	02-12-2026 09:23 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	02-12-2026 10:38 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-12-2026 10:55 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	02-14-2026 12:14 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at LUBBOCK TX DISTRIBUTION CENTER
USPS® Certified Mail	02-14-2026 04:18 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at LUBBOCK TX DISTRIBUTION CENTER
USPS® Certified Mail	02-17-2026 02:20 PM	[USPS] - CERTIFIED MAIL DELIVERED FRONT DESKRECEPTIONMAIL ROOM at CARLSBAD,NM

<p>Return Receipt (Form 3811) Barcode</p>  <p>9590 9699 0430 0145 8813 72</p> <p>1. Article Addressed to:</p> <p>Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220</p> <p>2. Certified Mail (Form 3800) Article Number</p> <p>9314 7699 0430 0145 8813 70</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>J. Hocke</i></p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><u>Reference Information</u></p>
--	---

Return Receipt (Form 3811) Barcode

Affidavit of Publication

Copy of Publication:

No. 84610

State of New Mexico Publisher

County of Eddy:

Adrian Hedden

being duly sworn, says that he is the Publisher

of the Carlsbad Current Argus, a weekly newspaper of
general circulation, published in English at Carlsbad,
said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said
Carlsbad Current Argus, a weekly newspaper duly qualified
for that purpose within the meaning of Chapter 167 of
the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

First Publication February 17, 2026

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

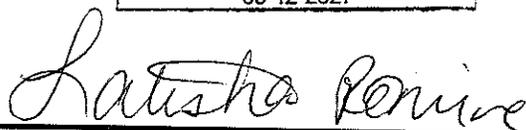
Seventh Publication _____

Eighth Publication _____

Subscribed and sworn before me this

17th day of February 2026

LATISHA ROMINE
Notary Public, State of New Mexico
Commission No. 1076333
My Commission Expires
05-12-2027



Latisha Romine
Notary Public, Eddy County, New Mexico

NOTICE

To the following entities, individuals, their heirs, personal representatives, trustees, successors or assigns, and any other uncommitted mineral owners:

Summit Overseas Exploration, Inc.; William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992; Roger and Kyla Thompson Trust, dated September 18, 2023; Kyla Taylor Thompson and Roger Wayne Thompson, Trustees; Drucilla Wilbanks; Alice Holeman Deveaux; Cecilia Aymond; and Bureau of Land Management.

Longfellow Energy, L.P. has filed an application with the New Mexico Oil Conservation Division as follows:

Case No. 25911. Application of Longfellow Operating Partners, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Oil Conservation Division approving a standard ~320-acre horizontal spacing and proration unit (HSU), with proximity tracts, comprised of the N/2 of Section 31, Township 16 South, Range 31 East in Eddy County, New Mexico and pooling all mineral interests in the Yeso formation (Cedar Lake; Glorieta-Yeso [96831]) underlying the HSU. Applicant proposes to drill the following 1.0-mile wells in the HSU: Petty 31AB Fed Com 001H well, to be horizontally drilled from a surface hole location (SHL) approximately 785 FWL and 466 FNL of Section 32-16S-31E and a bottomhole location (BHL) approximately 20 FWL & 340 FNL of Section 31-16S-31E; Petty 31AB Fed Com 002H well, to be horizontally drilled from a SHL approximately 785 FWL and 486 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 480 FNL of Section 31-16S-31E; Petty 31AB Fed Com 003H well, to be horizontally drilled from a SHL approximately 785 FWL and 506 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 855 FNL of Section 31-16S-31E; Petty 31AB Fed Com 004H well, to be horizontally drilled from a SHL approximately 785 FWL and 526 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 1,230 FNL of Section 31-16S-31E; Petty 31AB Fed Com 005H well, to be horizontally drilled from a SHL approximately 1073 FWL and 2,197 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 1,391 FNL of Section 31-16S-31E; Petty 31AB Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,073 FWL and 2,217 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 1,764 FNL of Section 31-16S-31E; Petty 31AB Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,073 FWL and 2,237 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 2,139 FNL of Section 31-16S-31E; and Petty 31AB Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,073 FWL and 2,257 FNL of Section 32-16S-31E and a BHL approximately 20 FWL & 2,300 FNL of Section 31-16S-31E. With the proximity tracts, the completed intervals of the other wells will meet standard setback requirements. The first and last take points of all wells will meet the setback requirements set forth in the statewide rules for horizontal oil wells. Additional considerations will be the cost of drilling and completing the well and allocation of such costs, the designation of Applicant as operator of the HSU and wells to be drilled thereon, and a 200% charge for the risk involved in drilling and completing the well. The well and lands are located approximately 6 miles Northeast of Loco Hills, New Mexico. This application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on **March 5, 2026**, beginning at 9:00 a.m. Hearings are currently conducted in a hybrid fashion, both in-person and at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <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, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging these applications at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance by **February 25, 2026**, eight (8) days before the hearing, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by **February 26, 2026**, seven days before the hearing in accordance with Division Rule 19.15.4.13 NMAC. For further information, contact the applicants attorney, Sharon T. Shaheen, Spencer Fane, LLC, 325 Paseo de Peralta, Santa Fe, New Mexico 87501, (505) 986-2678.

84610-Published in Carlsbad Current Argus Feb. 17, 2026

LFE/Petty 31AB Wells
Case No. 25911

Exhibit C-4

Page 1 of 1