



SpencerFane®

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March 3, 2026

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

Re: Case No. 25804 (Van Halen Wells) - Application for compulsory pooling filed by Longfellow Energy, L.P.

Dear Hearing Examiner Chakalian:

In accordance with the Technical Examiner's instructions at the hearing on February 26, 2026, Longfellow Energy, L.P. hereby files its Revised Contested Hearing Exhibits package. The only revision was deleting the C-102s attached to the emails and adding the tow rebuttal exhibits.

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. 25804



Van Halen 33CD Fed Com Wells

REVISED
CONTESTED HEARING EXHIBITS

February 26, 2026 Hearing

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 and December 18, 2025

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 Exhibit D-4 – Affidavit of Publication, published December 18, 2025

 Exhibit D-5 – Email chain with Hilcorp

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Rebuttal Exhibit 28

Tab 1

A	B
COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 25804	APPLICANT'S RESPONSE
Date	February 26, 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:	XTO Holdings, LLC (Hardy McLean LLC)
Well Family	Van Halen 33CD
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)	320 acres
Building Blocks:	Quarter-quarter section (40 ac)
Orientation:	West-East
Description: TRS/County	S/2 of Section 33-16S-31E 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 S2 of Section 33-16S-31E in Eddy County, New Mexico
Proximity Defining Well: if yes, description	Yes, Van Halen 33CD Fed Com 005H well
Applicant's Ownership in Each Tract	Tract 1: 100%; Tract 2: 0%; Tract 3: 0%
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

A	B
31 Well #1	Van Halen 33CD Fed Com 001H, API No. 30-015-XXXXX SHL:1,802' FEL & 2,251' FSL of Section 32-16S-31E BHL: 20' FEL & 2,310' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
32 Well #2	Van Halen 33CD Fed Com 002H well, API No. 30-015-XXXXX SHL: 1,800' FEL & 2,231' FSL of Section 32-16S-31E BHL: 20' FEL & 2,158' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
33 Well #3	Van Halen 33CD Fed Com 003H well, API No. 30-015-XXXXX SHL: 1,798' FEL & 2,211' FSL of Section 32-16S-31E BHL: 20' FEL & 1,784' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
34 Well #4	Van Halen 33CD Fed Com 004H well, API No. 30-015-XXXXX SHL: 1,796' FEL & 2,191' FSL of Section 32-16S-31E BHL: 20' FEL & 1,409' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
35 Well #5	Van Halen 33CD Fed Com 005H well, API No. 30-015-XXXXX SHL: 1,780' FEL & 1,117' FSL of Section 32-16S-31E BHL: 20' FEL & 1,249' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
36 Well #6	Van Halen 33CD Fed Com 006H well, API No. 30-015-XXXXX SHL: 1,791' FEL & 1,101' FSL of Section 32-16S-31E BHL: 20' FEL & 874' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
37 Well #7	Van Halen 33CD Fed Com 007H well, API No. 30-015-XXXXX SHL: 1,803' FEL & 1,084' FSL of Section 32-16S-31E BHL: 20' FEL & 500' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard
38 Well #8	Van Halen 33CD Fed Com 008H well, API No. 30-015-XXXXX SHL: 1,814' FEL & 1,068' FSL of Section 32-16S-31E BHL: 20' FEL & 339' FSL of Section 33-16S-31E Completion Target: Yeso Well Orientation: West to East Completion location expected to be standard

	A	B
39	Horizontal Wells First and Last Take Points	See Exhibit A-1
40	Completion Targets (Formation, TVD and MD)	See Exhibit B, ¶ 11
41	AFE Capex and Operating Costs	
42	Drilling Supervision/Month \$	\$12,000; see Exhibit A, ¶ 19
43	Production Supervision/Month \$	\$1200; see Exhibit A, ¶ 19
44	Justification for Supervision Costs	See AFEs at Exhibit A-4
45	Requested Risk Charge	200%; see Exhibit A, ¶ 20
46	Notice of Hearing	
47	Proposed Notice of Hearing	Submitted with online filing of Application
48	Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits D, D-1, D-2, and D-3
49	Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D-4
50	Ownership Determination	
51	Land Ownership Schematic of the Spacing Unit	Exhibit A-2
52	Tract List (including lease numbers and owners)	Exhibit A-2
53	If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to	n/a
54	Pooled Parties (including ownership type)	Exhibit A-3 and Exhibit A-6
55	Unlocatable Parties to be Pooled	See Exhibit D-2
56	Ownership Depth Severance (including percentage above & below)	n/a
57	Joinder	
58	Sample Copy of Proposal Letter	Exhibit A-4
59	List of Interest Owners (ie Exhibit A of JOA)	Exhibits A-2, A-3, and A-6
60	Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
61	Overhead Rates In Proposal Letter	Exhibit A-4 at 2
62	Cost Estimate to Drill and Complete	See AFEs at Exhibit A-4
63	Cost Estimate to Equip Well	See AFEs at Exhibit A-4
64	Cost Estimate for Production Facilities	n/a
65	Geology	
66	Summary (including special considerations)	See Exhibit B, ¶ 11
67	Spacing Unit Schematic	Exhibit A-2
68	Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
69	Well Orientation (with rationale)	Exhibit B, ¶ 11(d)
70	Target Formation	Exhibits B-3 & B-4
71	HSU Cross Section	Exhibit B-3
72	Depth Severance Discussion	n/a
73	Forms, Figures and Tables	
74	C-102	Exhibit A-1
75	Tracts	Exhibit A-2

	A	B
76	Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
77	General Location Map (including basin)	Exhibit B-1
78	Well Bore Location Map	See Exhibit A-1, Exhibit B-5
79	Structure Contour Map - Subsea Depth	Exhibit B-2
80	Cross Section Location Map (including wells)	Exhibit B-2
81	Cross Section (including Landing Zone)	Exhibit B-3
82	Additional Information	
83	Special Provisions/Stipulations	n/a
84	CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
85	Printed Name (Attorney or Party Representative):	Sharon T. Shaheen
86	Signed Name (Attorney or Party Representative):	<i>Sharon T. Shaheen</i>
87	Date:	Feb. 19, 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. 25804

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 South Half of Section 33, 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 eight ~1.0-mile wells to the proposed HSU:
 - Van Halen 33CD Fed Com 001H, well, to be horizontally drilled from a SHL approximately 1,802' FEL & 2,251' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 2,310' FSL of Section 33-16S-31E;
 - Van Halen 33CD Fed Com 002H well, to be horizontally drilled from a SHL approximately 1,800' FEL & 2,231' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 2,158' FSL of Section 33-16S-31E;
 - Van Halen 33CD Fed Com 003H well, to be horizontally drilled from a SHL approximately 1,798' FEL & 2,211' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 1,784' FSL of Section 33-16S-31E;
 - Van Halen 33CD Fed Com 004H well, to be horizontally drilled from a SHL approximately 1,796' FEL & 2,191' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 1,409' FSL of Section 33-16S-31E;

- Van Halen 33CD Fed Com 005H well, to be horizontally drilled from a SHL approximately 1,780' FEL & 1,117' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 1,249' FSL of Section 33-16S-31E.
 - Van Halen 33CD Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,791' FEL & 1,101' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 874' FSL of Section 33-16S-31E.
 - Van Halen 33CD Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,803' FEL & 1,084' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 500' FSL of Section 33-16S-31E.
 - Van Halen 33CD Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,814' FEL & 1,068' FSL of Section 32-16S-31E and a bottomhole location approximately 20' FEL & 339' FSL of Section 33-16S-31E.
3. The Van Halen 33CD Fed Com 005H well is a proximity well.
 4. With the proximity tracts, the completed intervals will meet the standard setback requirements. The first and last take points 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 October 9, 2025, 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 South Half of Section 33, 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 ~1.0-mile wells in the proposed HSU: Van Halen 33CD Fed Com 001H, Van Halen 33CD Fed Com 002H, Van Halen 33CD Fed Com 003H, Van Halen 33CD Fed Com 004H, Van Halen 33CD Fed Com 005H, Van Halen 33CD Fed Com 006H, Van Halen 33CD Fed Com 007H, and Van Halen 33CD 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

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Attorneys 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 South Half of Section 33, 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: Van Halen 33CD Fed Com 001H, well, to be horizontally drilled from a surface hole location (“SHL”) approximately 1,802' FEL & 2,251' FSL of Section 32-16S-31E and a bottomhole location (“BHL”) approximately 20' FEL & 2,310' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 002H well, to be horizontally drilled from a SHL approximately 1,800' FEL & 2,231' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 2,158' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 003H well, to be horizontally drilled from a SHL approximately 1,798' FEL & 2,211' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,784' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 004H well, to be horizontally drilled from a SHL approximately 1,796' FEL & 2,191' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,409' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 005H well, to be horizontally drilled from a SHL approximately 1,780' FEL & 1,117' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,249' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,791' FEL & 1,101' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 874' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,803' FEL & 1,084' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 500' FSL of Section 33-16S-31E; and Van Halen 33CD Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,814' FEL & 1,068' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 339' FSL of Section 33-16S-31E. The Van Halen 33CD Fed Com 005H well is a proximity well. With proximity tracts, the completed intervals will meet standard setback requirements. The first and last take points 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 West of Maljamar, 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. 25804

SELF-AFFIRMED STATEMENT OF LANDMAN REBECCA L. ENGLISH

I, Rebecca L English, do hereby state and affirm the following:

I. IDENTITY AND QUALIFICATIONS

1. My name is Rebecca L. English. I am over the age of eighteen (18) years, of sound mind, and competent to make this statement.

2. I am employed by Longfellow Energy, LP (“LFE,” “Applicant,” or “Longfellow”) as Vice President – Land. I have held this position since February 2025. In this capacity, I am responsible for overseeing all land operations, negotiating agreements, managing title and leasehold matters, and coordinating the Applicant’s drilling programs in southeastern New Mexico as well as other basins. In this capacity, I am familiar with Longfellow’s application in this matter.

3. I have previously testified before the Oil Conservation Division and had my qualifications as an expert in petroleum land matters accepted as a matter of record. I have approximately seventeen (17) years of experience in the oil and gas industry. I graduated from the University of Oklahoma in 2009 with a Bachelor of Business Administration in Energy Management and Finance. I subsequently graduated from Texas A&M University School of Law in 2016 with a Juris Doctorate and am a licensed attorney in the State of Texas. My professional experience includes employment with XTO Energy, Inc. (“XTO Energy”) from 2009 to 2010,

ExxonMobil Corporation (“ExxonMobil”) from 2010 to 2017, and Pioneer Natural Resources Company from 2017 to 2025, prior to joining Longfellow Energy, LP in February 2025.

4. Through this extensive experience—which notably includes direct employment with both XTO Energy and its parent company, ExxonMobil—I am intimately familiar with the practices, costs, standards, and internal processes customary in the industry for drilling, completing, and equipping horizontal wells in the Permian Basin in New Mexico.

5. This testimony is submitted in connection with the contested hearing on LFE's compulsory pooling application (the “Application”) filed pursuant to 19.15.4.12(A)(1) NMAC.

II. BACKGROUND AND UNIT DESCRIPTION

6. LFE is the owner of oil and gas working interests within the proposed approximately 320-acre, more or less, standard horizontal spacing and proration unit (“HSU”), with proximity tracts, comprised of the **South Half of Section 33, Township 16 South, Range 31 East, NMPM, Eddy County, New Mexico.**

7. LFE acquired its interest in the subject acreage in the first quarter of 2024.

8. LFE seeks an order pooling all uncommitted mineral interests in the **Yeso formation (CEDAR LAKE; GLORIETA-YESO [96831])** within the HSU.

9. LFE proposes to drill the following eight (8) one-mile horizontal wells in the HSU (collectively, the “Wells”):

- a. **Van Halen 33CD Fed Com 001H** — SHL approximately 1,802' FEL & 2,251' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 2,310' FSL of Section 33-16S-31E. FTP: 100' FWL and 2,310' FSL of Section 33-16S-31E; LTP: 100' FEL and 2,310' FSL of Section 33-16S-31E.
- b. **Van Halen 33CD Fed Com 002H** — SHL approximately 1,800' FEL & 2,231' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 2,158' FSL of Section 33-16S-31E. FTP: 100' FWL and 2,158' FSL of Section 33-16S-31E; LTP: 100' FEL and 2,158' FSL of Section 33-16S-31E.

- c. **Van Halen 33CD Fed Com 003H** — SHL approximately 1,798' FEL & 2,211' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 1,784' FSL of Section 33-16S-31E. FTP: 100' FWL and 1,784' FSL of Section 33-16S-31E; LTP: 100' FEL and 1,784' FSL of Section 33-16S-31E.
 - d. **Van Halen 33CD Fed Com 004H** — SHL approximately 1,796' FEL & 2,191' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 1,409' FSL of Section 33-16S-31E. FTP: 100' FWL and 1,409' FSL of Section 33-16S-31E; LTP: 100' FEL and 1,409' FSL of Section 33-16S-31E.
 - e. **Van Halen 33CD Fed Com 005H** (proximity well) — SHL approximately 1,780' FEL & 1,117' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 1,249' FSL of Section 33-16S-31E. FTP: 100' FWL and 1,249' FSL of Section 33-16S-31E; LTP: 100' FEL and 1,249' FSL of Section 33-16S-31E. With the proximity tracts, the completed interval meets standard setback requirements.
 - f. **Van Halen 33CD Fed Com 006H** — SHL approximately 1,791' FEL & 1,101' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 874' FSL of Section 33-16S-31E. FTP: 100' FWL and 874' FSL of Section 33-16S-31E; LTP: 100' FEL and 874' FSL of Section 33-16S-31E.
 - g. **Van Halen 33CD Fed Com 007H** — SHL approximately 1,803' FEL & 1,084' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 500' FSL of Section 33-16S-31E. FTP: 100' FWL and 500' FSL of Section 33-16S-31E; LTP: 100' FEL and 500' FSL of Section 33-16S-31E.
 - h. **Van Halen 33CD Fed Com 008H** — SHL approximately 1,814' FEL & 1,068' FSL of Section 32-16S-31E; BHL approximately 20' FEL & 339' FSL of Section 33-16S-31E. FTP: 100' FWL and 339' FSL of Section 33-16S-31E; LTP: 100' FEL and 339' FSL of Section 33-16S-31E.
10. The first and last take points of all Wells meet standard setback requirements.
 11. There are no depth severances in the formations being pooled.
 12. A Form C-102 for each well is included in **Exhibit A-1**.
 13. A plat of the proposed spacing unit showing tracts, lists of tract ownership, and applicable lease numbers are included in **Exhibit A-2**.
 14. The unit recap highlighting the pooled parties is included in **Exhibit A-3**.
 15. A sample well proposal with an authorization for expenditure (“AFE”) for each well is attached hereto as **Exhibit A-4**. The estimated costs of the Wells set forth in the AFEs are fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this

area of New Mexico. Also included in Exhibit A-4 is an updated AFE for the 5H well, which was provided to XTO on February 5, 2026, at XTO's request.

16. A chronology of contacts with working interest owners sought to be pooled is attached hereto as **Exhibit A-5**.

17. A list of owners, commitment status, and type of agreement with or notice provided to each are included in **Exhibit A-6**.

18. **Exhibit A-7** is a map of the proposed unit that shows the leases by tract and surrounding development.

19. The HSU is comprised of three (3) tracts. See Exhibit A-2. LFE owns 100% of Tract 1 and XTO Holdings, LLC owns 100% of Tract 3. At the time the Application was filed and notice provided in accordance with 19.15.16.4 NMAC, record title ownership in Tract 2, as reflected in LFE's Division Order Title Opinion and the Eddy County public records, was as follows:

Leasehold Owner	Tract Net Mineral Acres	Tract WI	Unit WI
JR Oil, Ltd.	26.6667	33.33%	8.33%
BP America Production Co./Apache Corp./Hilcorp Energy 1, LP ¹	26.6667	33.33%	8.33%
OXY USA WTP Ltd. Partnership	26.6667	33.33%	8.33%

¹ Longfellow's Division Order Title Opinion for the proposed spacing unit in this matter indicated that BP Production Company ("BP") has 8.33% Working Interest in the proposed unit ("BP Interest"). In communicating with BP about this interest, Longfellow was informed by BP that the BP Interest was sold to Apache Corporation. Upon information and belief, the BP Interest was subsequently sold by Apache to Hilcorp Energy 1, L.P. ("Hilcorp"). Neither sale is currently reflected in record chain of title. Longfellow is working with BP, Apache, and Hilcorp to clarify the current ownership of the BP Interest. Upon resolution, Longfellow will attribute the BP Interest to the current owner. All parties have been provided notice of this proceeding.

XTO's Claimed Ownership and Record Title Status

20. Upon information and belief, XTO² first acquired its interest in the subject acreage in approximately 1961.

21. Notwithstanding record title at the time the Application was filed, XTO now claims to own 100% of the working interest in Unit Tracts 2 and 3, which would represent approximately 50% of the total HSU acreage. LFE does not dispute that XTO may ultimately be entitled to 100% of the working interest in both tracts; however, as of the date of this Statement, the record title in Eddy County, New Mexico indicates as follows:

Leasehold Owner	Tract Net Mineral Acres	Tract WI	Unit WI
Colt Energy, LLC ³	26.6667	33.33%	8.33%
BP America Production Co./Apache Corp./Hilcorp Energy 1, LP	26.6667	33.33%	8.33%
ExxonMobil Corporation	26.6667	33.33%	8.33%

ExxonMobil's record title to its one-third interest in Tract 2 was only recently established through the filing described in Paragraph 22 below.

22. Subsequent to delivery of the well proposals, filing of the Application, and the requisite notice period, Exxon provided notice to LFE of a previously executed but unrecorded "Reassignment of Term Assignment of Operating Rights in Oil and Gas Lease" dated November 1, 2010, which was recorded in Eddy County, New Mexico over fifteen years later, on **January 27, 2026** (Reception No. 2601120, Book 1205, Page 0026). The Reassignment was executed by OXY USA WTP Limited Partnership, as Assignor, in favor of Exxon Mobil Corporation, as

² The various XTO entities, including ExxonMobil, may be referred to collectively as "XTO," "Exxon," or "ExxonMobil."

³ JR Oil, Ltd. conveyed its interests to Colt Energy, LLC, which is a related entity with the same address and same vice-president.

Assignee, covering the interest OXY held in Unit Tract 2 under the original Term Assignment dated January 5, 2004 between Exxon Mobil Corporation and OXY USA WTP Limited Partnership. The Reassignment covers the following federal oil and gas leases:

- a. **Federal Lease No. NMLC-056302(b)**, originally leased to Exxon Mobil Corporation effective November 1, 1991, described as T-16-S, R-31-E, Eddy County, New Mexico: Section 28 (E/2NE/4, W/2SW/4, and W/2SE/4); Section 33 (E/2NE/4, W/2SW/4, and W/2SE/4); Section 34 (E/2NE/4, E/2NW/4, W/2 SW/4, and W/2SE/4) — from 5,000 feet below the surface of the earth down to the base of Morrow Formation; and
- b. **Federal Lease No. NMLC-056302(a)**, originally leased to Exxon Mobil Corporation effective January 1, 2004, described as T-16-S, R-31-E, Eddy County, New Mexico: Section 35 (S/2NW/4, W/2SW/4, and W/2SE/4) — from 5,000 feet below the surface of the earth down to the base of Morrow Formation.

See Exhibit A-7.

23. LFE has reviewed the terms and provisions of the original Term Assignment dated January 5, 2004 between ExxonMobil Corporation and OXY USA WTP Limited Partnership and acknowledges that a reassignment of the leasehold interest may be requested by Exxon at Exxon's sole option. The OXY Reassignment, now recorded, accounts for one-third (33.33%) of the Tract 2 working interest — specifically, the interest that was originally term-assigned to OXY and has now been reassigned back to Exxon. However, to establish 100% of the working interest in Tract 2, Exxon requires additional reassignments from the remaining two interest holders.

24. I note the following observations regarding the current state of XTO's record title:
- a. **As of the date of this Statement, XTO/Exxon holds 100% record title only to Unit Tract 3 (25.00% Unit WI).** In Unit Tract 2, Exxon's record title reflects only one-third of the tract working interest (8.33% Unit WI) through the recently recorded OXY Reassignment. The remaining two-thirds of Tract 2 (16.67% Unit WI) remain in the names of Colt Energy, LLC and the BP/Apache/Hilcorp chain, with reassignments requested but not yet executed or recorded.
 - b. **Accordingly, XTO/Exxon's current aggregate record title position in the HSU is approximately 33.33% Unit WI** (25.00% from Tract 3 + 8.33% from Tract 2) — not the 50.00% it claims.

- c. **The OXY Reassignment was recorded only one month before the contested hearing**, after this compulsory pooling application had already been heard by affidavit on January 6, 2026. While LFE acknowledges that Exxon is entitled to the OXY reassignment under the original Term Assignment, the timing of the recording —more than twenty years after the effective date — indicates that XTO/Exxon is actively assembling its title position in the HSU in response to this proceeding, and that process remains incomplete.

25. LFE acknowledges that XTO may ultimately be entitled to the full interest it claims once all necessary reassignments are obtained and recorded. However, the current state of the record title is relevant to this proceeding for at least two reasons: (a) it demonstrates that XTO's title position is incomplete and in flux, which undermines its assertion that it is in a position to independently develop its acreage; (b) it indicates that XTO has not prioritized the development or even the title maintenance of these tracts for over twenty years.

26. The HSU contains separately owned uncommitted interests in oil and gas minerals. Despite diligent and good-faith efforts by LFE, XTO has refused to voluntarily commit its interests, whatever the current record title status of those interests may be, to the HSU, necessitating this Application for Compulsory Pooling pursuant to NMSA 1978, Section 70-2-17.

III. CHRONOLOGY OF COMMUNICATION AND OFFERS TO XTO/EXXONMOBIL

27. LFE has made extensive, repeated, and well-documented efforts to negotiate a voluntary agreement with XTO prior to filing this Application. *See* Exhibit A-5. These efforts include multiple proposals across a variety of deal structures, including, but not limited to Term Assignments, participation by joint operating agreement (“JOA”), trade proposals, and hybrid arrangements. LFE has offered XTO every reasonable path forward: the opportunity to divest its interest, to participate as a working interest owner, or to pursue a combination of both. At every turn, XTO has declined.

28. **October 15-16, 2025 – Term Assignment Offer.** LFE transmitted a written Term Assignment offer to ExxonMobil EMHC, directed to the attention of Chad Smith at ExxonMobil's Land Department (Loc. 115), 22777 Springwoods Village Pkwy, Spring, Texas 77389-1425. The offer, made through LFE's affiliate Longfellow LH, LLC, proposed to acquire XTO/Exxon's leasehold interest in two tracts:

- a. **Tract 1:** Lease NMLC 0056302B — W/2 SW/4 of Section 33, T16S, R31E, containing 80.00 acres, as to all depths below 5,000 feet; and
- b. **Tract 2:** Lease NMLC 016788 — SE/4 of Section 1, T18S, R27E, containing 160.00 acres, as to all depths from the surface down to the top of the Abo Formation.

The proposed terms included a three (3) year Term Assignment for both tracts; a cash bonus of \$3,500 per net mineral acre for a total consideration of \$840,000.00; delivery of an 80% Net Revenue Interest; and an option to extend for one (1) additional year at \$2,000 per net mineral acre. LFE requested assignment of all depths owned by Exxon in both tracts.

29. **October 28, 2025 — LFE Contacts ExxonMobil Regarding Lease Expirations.** LFE contacted ExxonMobil to highlight an emerging concern regarding the North Square Lake lease expirations. In that communication, LFE noted its vested interest in advancing development in the area and expressed a desire to pursue a potential agreement. LFE also requested that both parties temporarily set aside the Term Assignment proposal dated October 16, 2025, in order to focus on addressing the broader issue related to the Unit. LFE initiated this outreach in good faith to ensure ExxonMobil was aware that its leases were at risk of expiration, despite having no obligation to provide such notice.

30. **October 29, 2025 — Phone Call Regarding Lease Expirations.** LFE and ExxonMobil held a phone call to discuss the North Square Lake lease expirations in greater detail.

During that conversation, both parties agreed to place the Term Assignment offer on hold while they worked to gain a clearer understanding of the unit-related issues.

31. **January 6, 2026 — XTO Withdraws Protest.** XTO withdrew its protest to the compulsory pooling application. This withdrawal occurred in the context of discussions between LFE and XTO regarding a potential broader transaction. During those conversations, both parties discussed the possibility of a deal, not limited to a term assignment, but encompassing whatever structure might be mutually agreeable. XTO withdrew its protest based on LFE's assurances that negotiations would continue.

32. **February 3, 2026 — In-Person Meeting.** LFE and ExxonMobil held an in-person meeting during which LFE presented a comprehensive proposal with the following terms:

- a. ExxonMobil would assign to Longfellow either 100% or a partial percentage of its interest in the S/2 of Section 33;
- b. Longfellow would drill the Van Halen wells, thereby holding all 800 acres for ExxonMobil's benefit;
- c. ExxonMobil and Longfellow would share the remaining 640 acres on a 50/50 basis, with ExxonMobil retaining the option to participate on future development;
- d. Additionally, ExxonMobil would assign 100% of its interest in the SE/4 of Section 1, T18S, R27E (as discussed in the original October 2025 Term Assignment offer), retaining a 2.5% overriding royalty interest, with LFE offering to place the Section 1 interest on term to accelerate development.

33. During the February 3, 2026 meeting, I attempted to understand ExxonMobil's objectives by asking directly: "Do you want working interest, or do you want barrels?" ExxonMobil's response was "it depends." I asked this question to determine whether ExxonMobil's preference was to retain a participating interest in the Wells or to assign 100% of its interest so that LFE could tailor a deal structure to meet ExxonMobil's needs. ExxonMobil did not provide a clear answer.

34. Also during the February 3, 2026 meeting, I informed ExxonMobil that LFE had applied for multiple units and multiple vertical wells with the appropriate regulatory bodies. I disclosed that LFE was already drilling five (5) vertical wells to hold its acreage in other sections, including certain third-party acreage, and that LFE could elect to drill a vertical well in Section 33 to satisfy leasehold obligations at a cost materially lower than drilling the Van Halen wells. I emphasized that accelerating the Van Halen program would involve additional expenses — including the 12x Business Lease Charge — and carries meaningful execution and timing risk. At no time did I state that LFE would decline to pursue development of the Wells with ExxonMobil as a working interest partner, nor did I state that development would occur only if ExxonMobil agreed to a term assignment. I did, however, make clear that if ExxonMobil was not prepared to proceed on the terms proposed, LFE would need to revisit the matter internally and determine the approach that best aligned with LFE's overall interests.

35. **ExxonMobil declined LFE's February 3, 2026 proposal.** The meeting concluded with ExxonMobil stating that it could contact Mack Energy Corporation (“Mack”), a third-party operator, to request that Mack re-permit its already-approved wells located in the section immediately west of the Wells, specifically in the S/2 of Section 32, to penetrate and produce from ExxonMobil’s leasehold in Section 33 within the HSU proposed in this Application.

36. **February 4, 2026 — ExxonMobil Notifies LFE of Intent to Re-File Protest.** One day before this application was set to be heard again for review of two corrections to LFE’s exhibit package, ExxonMobil requested a call with LFE, stating it was providing the courtesy of notifying LFE that it intended to protest the pooling hearing. During that discussion, I informed ExxonMobil representatives Shelbi McKee and Suzanne Spahr that, given their concerns with the previously proposed transaction structure, LFE remained fully open to having ExxonMobil participate as a

working interest owner in the Van Halen unit with the entirety of their interest as a JOA participant. I also conveyed that LFE would propose a revised term assignment. I offered to provide written confirmation of a proposal—including both a JOA and Term Assignment—in exchange for withdrawal of the protest. **ExxonMobil declined.**

37. **February 6, 2026 — LFE Submits Formal Written Proposals.** LFE provided ExxonMobil with (a) a revised AFE for the initial Van Halen well, the 5H; (b) a proposed Joint Operating Agreement; and (c) an updated Term Assignment. Collectively, these materials offered ExxonMobil multiple paths forward, including the opportunity to participate with its interest, divest its interest, or pursue a combination of both.

38. **February 13, 2026 — Phone Call with ExxonMobil.** I spoke with ExxonMobil by phone. During that conversation, both parties acknowledged that neither side wanted to litigate this matter and expressed a mutual preference to reach a negotiated resolution. In an effort to find common ground, I proposed several additional ideas, including the possibility of LFE drilling a different unit with XTO, specifically, the Van Halen AB unit in the N/2 of Section 33, T16S, R31E, which also includes XTO's interest. ExxonMobil stated that it would discuss the proposals internally but cautioned LFE not to get its hopes up.

39. **February 16, 2026 — Acreage Trade Proposal.** I sent ExxonMobil one final proposal: a straight acreage trade in which XTO would assign its interest in the S/2 of Section 33, T16S, R31E to LFE, and in exchange LFE would assign its interest in the N/2 of Section 33 to XTO. Under this structure, LFE would drill the Van Halen CD wells in the S/2, holding XTO's lease by production, and XTO would not be required to participate in LFE's wells at all. This proposal was specifically designed to address what I understood to be XTO's core concern—that it did not want to be a working interest participant in LFE's wells—by removing XTO from the

S/2 entirely while ensuring its leasehold was held and providing it with equivalent acreage in the N/2.

40. **As of the date of this hearing**, LFE and XTO/ExxonMobil have been unable to reach a voluntary agreement regarding the development of the HSU despite approximately five months of continuous, good-faith negotiations. LFE has exhausted every reasonable avenue available to it, including a Term Assignment offer, a comprehensive hybrid deal, full JOA participation, a revised Term Assignment delivered in writing, a proposal to drill a different unit together, and an acreage trade designed to remove XTO from LFE's wells entirely. XTO has declined each of these proposals.

IV. REASONABLENESS OF ESTIMATED WELL COSTS

41. LFE proposes to drill eight (8) one-mile horizontal wells in the Yeso formation (CEDAR LAKE; GLORIETA-YESO [96831]) in the S/2 of Section 33, T16S, R31E, Eddy County, New Mexico. The AFE for each well was prepared and included as part of Exhibit A-4.

The Estimated Well Costs for each Well were prepared based on:

- a. LFE's direct experience drilling and completing horizontal wells in the Yeso formation in Eddy County, New Mexico;
- b. Current service provider quotes and contracts for drilling rigs, completion services, casing, and other materials; and
- c. The COPAS Accounting Procedure – Joint Operations standards for overhead and supervision charges.

42. At XTO's request, LFE prepared a second AFE for the Van Halen 33CD 5H, which LFE determined must be drilled sooner than the remaining wells, due to the lease expiration. The second AFE for the Van Halen 33CD 5H is included as part of Exhibit A-4.

43. Based on my experience, including eight (8) years of employment with XTO and ExxonMobil, LFEs proposals to XTO were structured to be consistent with the terms and practices

that XTO itself customarily employs in joint operating arrangements in the Permian Basin. The AFEs, supervision rates, and cost structures proposed by LFE are not unusual or outside industry norms for operators in this area.

44. XTO has not presented any competing AFE, cost estimate, engineering analysis, or other evidence to support any claim that the estimated well costs in the AFEs are unreasonable.

V. XTO'S ACTIONS AND INACTIONS

45. XTO has asserted that it owns 100% of the working interest in two (2) tracts within the HSU and claims the right to develop its acreage independently. As set forth in Paragraphs 20 through 26 above, XTO's record title is currently incomplete, its title position is still being assembled through reassignments that remain outstanding, and it has not prioritized these tracts for development or even basic title maintenance for at least twenty years.

46. To my knowledge, XTO has not filed any Application for Permit to Drill (Form C-101) for any well within the HSU. XTO has not presented any drilling plan, proposed any well locations, obtained any drilling permits, secured any rig contracts, or taken any concrete step toward developing the tracts it claims the right to develop.

47. Approval of the HSU and pooling of all mineral interest owners therein will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

48. To my knowledge, XTO has not proposed:

- a. An alternative well design, location, or target formation;
- b. An alternative AFE or cost structure;
- c. A JOA on different terms;
- d. A farmout, term assignment, or any other arrangement;
- e. A plan to drill its own well(s) on the two tracts it claims to own 100% of within the HSU;
- f. Any other constructive alternative to the relief sought in this Application.

49. As noted in Paragraph 35, ExxonMobil's only affirmative action with respect to the development of its acreage in the HSU has been to approach Mack, a third-party operator, to request that Mack re-permit its already-approved wells in the S/2 of Section 32 to penetrate and produce from ExxonMobil's leasehold in Section 33 or to have Mack drill a vertical well on XTO's acreage within the HSU.

50. Based on my seventeen years of experience in the oil and gas industry, including extensive experience with horizontal and vertical well operations in the Permian Basin, a single vertical well would be a significantly less efficient method of recovering hydrocarbons from the Yeso formation in this area compared to the eight (8) one-mile horizontal wells proposed by LFE. A vertical well would drain only a limited area around the wellbore, leaving the vast majority of recoverable hydrocarbons in the HSU unrecovered. By contrast, LFE's proposed horizontal wells are designed to efficiently drain the entire S/2 of Section 33 across multiple benches. If XTO's alternative to LFE's pooling application is to have a third-party operator drill a single vertical well, that outcome would result in substantial waste of recoverable hydrocarbons and the inefficient development of New Mexico's mineral resources. Longfellow's engineering witness, David Mitchell speaks in detail to this issue in Exhibit C and related sub-exhibits.

VI. URGENCY OF DEVELOPMENT – LEASE EXPIRATION AND THE NORTH SQUARE LAKE UNIT

51. The development proposed in this Application is not only necessary to prevent waste and protect correlative rights — it is urgently needed to preserve both LFE's and XTO's leasehold interests in the HSU, which are at imminent risk of expiration.

52. The federal oil and gas leases underlying the HSU are currently held by production through the North Square Lake Unit (NMNM 105313289), a shallow pooled unit operated by Remnant Oil Operating LLC / Acacia Operating LLC ("Acacia"). However, the North Square Lake

Unit has not had production since approximately July 2024 — nearly two years as of the date of this Affidavit.

53. Acacia Operating LLC has **filed for Chapter 7 bankruptcy**. As a result, there is no operator currently capable of restoring production to the North Square Lake Unit, and no reasonable prospect that production will resume before the leases expire.

54. Based on my understanding of the lease terms and the cessation of production from the North Square Lake Unit, the federal leases underlying the HSU, including both LFE's and XTO's leasehold interests, are **at risk of expiration in approximately July 2026** if production is not re-established or new production is not commenced on the leasehold.

55. LFE is attempting to drill the Van Halen horizontal wells in order to hold both LFE's and XTO's leaseholds by establishing new production before the leases expire. If at least one of the Wells are not drilled and completed prior to the lease expiration, **both LFE's and XTO's leasehold interests in the HSU will be lost**. LFE's efforts in this proceeding are therefore not only for LFE's benefit but are also intended to preserve XTO's leasehold interest, an interest that XTO itself has taken no concrete steps to protect.

56. This is the same lease expiration concern that LFE proactively brought to ExxonMobil's attention on October 28, 2025, as described in Paragraph 29 above. LFE had no obligation to alert ExxonMobil to the risk to its own lease but did so in good faith. Despite being on notice of this risk for approximately four months, XTO has taken no independent action to preserve its leasehold. It has not sought to restore production at the North Square Lake Unit, has not filed any drilling permits of its own, and has not entered into any agreement with LFE to ensure its leases are held.

57. XTO's decision to contest this pooling application, rather than participate in or facilitate the development that would save its own leases, is difficult to reconcile with the conduct of a prudent operator acting in its own economic self-interest, let alone with its claim that it has the right to develop its acreage independently.

VII. NECESSITY OF POOLING

58. The HSU contains separately owned uncommitted interests in oil and gas minerals. Despite diligent and good-faith efforts by LFE, XTO has refused to voluntarily commit its interests, whatever the current record title status of those interests may be, to the HSU.

59. The Wells will traverse the subsurface of the entire S/2 of Section 33, T16S, R31E, including both tracts in which XTO claims interests. Efficient development of the Yeso formation in this area requires one-mile horizontal wells of sufficient lateral length to economically drain the reservoir.

60. LFE is ready, willing, and able to commence drilling operations on the Wells promptly upon issuance of a pooling order.

61. Further delay in the development of the HSU will result in continued waste of recoverable hydrocarbons in the Yeso formation, loss of reservoir energy due to drainage from offset wells on adjacent spacing units, impairment of the correlative rights of LFE and other committed interest owners, potential loss of the contracted drilling rig and/or favorable service provider pricing, and potential expiration or impairment of LFE's leasehold interests within the HSU.

62. LFE conducted a diligent search of the public records in Eddy County, New Mexico, and conducted phone directory and computer searches to obtain contact information for all parties entitled to notification.

63. Approval of the HSU and pooling of all mineral interest owners therein will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

64. The exhibits attached hereto were prepared by me or under my supervision.

65. 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.



Rebecca L. English



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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 001H
		Ground Level Elevation 3911.7
		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
J	32	16 S	31 E		2251 SOUTH	1802 EAST	32.8769967°N	103.8892029°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		2310 SOUTH	20 EAST	32.8772090°N	103.8662039°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
J	32	16 S	31 E		2251 SOUTH	1802 EAST	32.8769967°N	103.8892029°W	EDDY

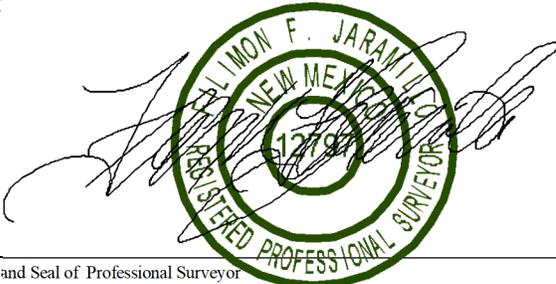
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	16 S	31 E		2310 SOUTH	100 WEST	32.8771732°N	103.8830108°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		2310 SOUTH	100 EAST	32.8772085°N	103.8664644°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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: APRIL 30, 2025</p> <p style="text-align: right;">SURVEY NO. 10423</p>
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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.

Longfellow/Van Halen 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.

VAN HALEN 33CD FED COM 001H
EL. = 3911.7

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
2251' FSL, 1802' FEL
N.=683072.00
E.=677686.65
LAT.=32.8769967°N
LONG.=103.8892029°W

LAST TAKE POINT
2310' FSL, 100' FEL
N.=683179.17
E.=684667.14
LAT.=32.8772085°N
LONG.=103.8664644°W

PPP3
2310' FSL, 2641' FWL
N.=683161.71
E.=682127.31
LAT.=32.8771911°N
LONG.=103.8747375°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

KICK OFF POINT
2251' FSL, 1802' FEL
N.=683072.00
E.=677686.65
LAT.=32.8769967°N
LONG.=103.8892029°W

BOTTOM OF HOLE
2318' FSL, 20' FEL
N.=683179.71
E.=684747.12
LAT.=32.8772090°N
LONG.=103.8662039°W

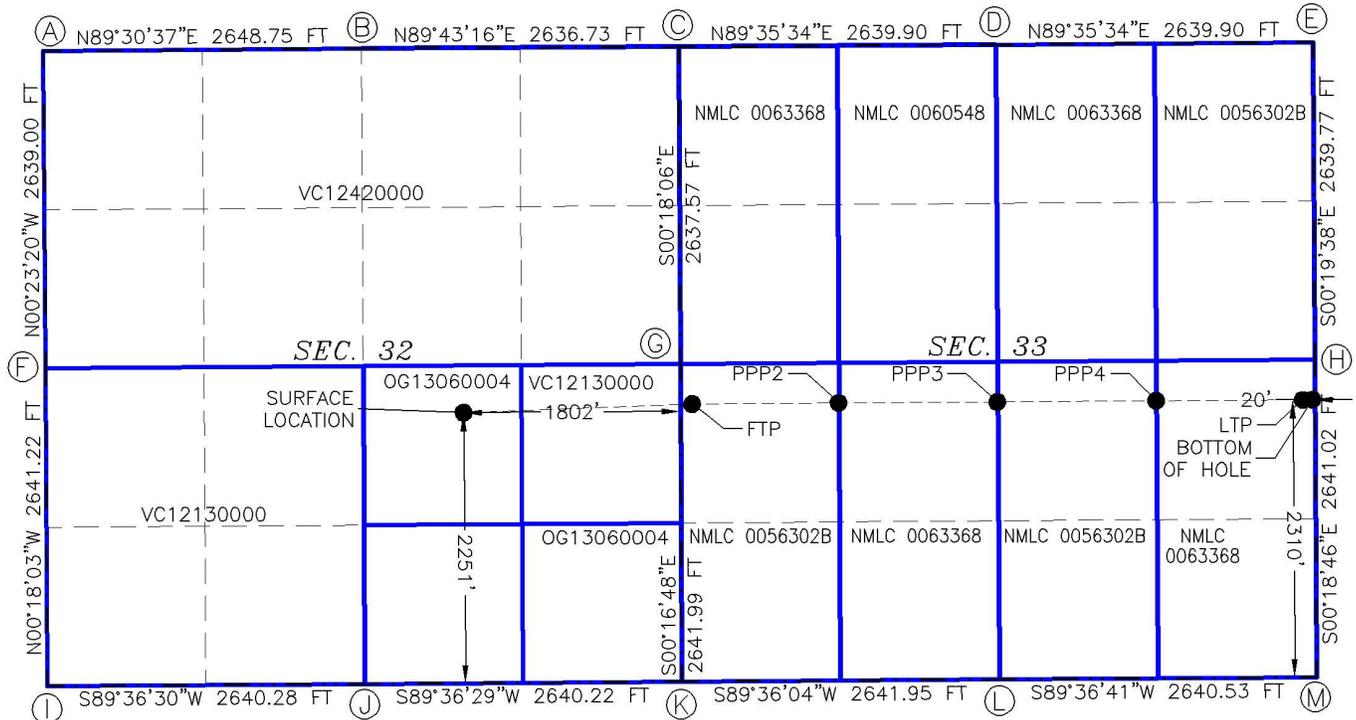
PPP4
2310' FSL, 1320' FEL
N.=683170.78
E.=683447.06
LAT.=32.8772002°N
LONG.=103.8704386°W

FIRST TAKE POINT
2310' FSL, 100' FWL
N.=683144.27
E.=679587.40
LAT.=32.8771732°N
LONG.=103.8830108°W

PPP2
2310' FSL, 1320' FWL
N.=683152.64
E.=680807.15
LAT.=32.8771819°N
LONG.=103.8790377°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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 002H
		Ground Level Elevation 3911.6
		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
J	32	16 S	31 E		2231 SOUTH	1800 EAST	32.8769421°N	103.8891970°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		2158 SOUTH	20 EAST	32.8767914°N	103.8662035°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
J	32	16 S	31 E		2231 SOUTH	1800 EAST	32.8769421°N	103.8891970°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	16 S	31 E		2158 SOUTH	100 WEST	32.8767556°N	103.8830105°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		2158 SOUTH	100 EAST	32.8767908°N	103.8664639°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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: APRIL 30, 2025</p> <p style="text-align: right;">SURVEY NO. 10424</p>
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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.

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.

VAN HALEN 33CD FED COM 002H
 EL. = 3911.6

GEODETIC COORDINATES

NAD 83 NMSP EAST
 SURFACE LOCATION
 2231' FSL, 1800' FEL
 N.=683052.12
 E.=677688.56
 LAT.=32.8769421°N
 LONG.=103.8891970°W

LAST TAKE POINT
 2158' FSL, 100' FEL
 N.=683027.21
 E.=684667.97
 LAT.=32.8767908°N
 LONG.=103.8664639°W

PPP3
 2158' FSL, 2158' FWL
 N.=683009.76
 E.=682128.14
 LAT.=32.8767735°N
 LONG.=103.8747369°W

KICK OFF POINT
 2231' FSL, 1800' FEL
 N.=683052.12
 E.=677688.56
 LAT.=32.8769421°N
 LONG.=103.8891970°W

BOTTOM OF HOLE
 2158' FSL, 20' FEL
 N.=683027.76
 E.=684747.94
 LAT.=32.8767914°N
 LONG.=103.8662035°W

PPP4
 2158' FSL, 1320' FEL
 N.=683018.83
 E.=683447.90
 LAT.=32.8767826°N
 LONG.=103.8704381°W

FIRST TAKE POINT
 2158' FSL, 100' FWL
 N.=682992.30
 E.=679588.14
 LAT.=32.8767556°N
 LONG.=103.8830105°W

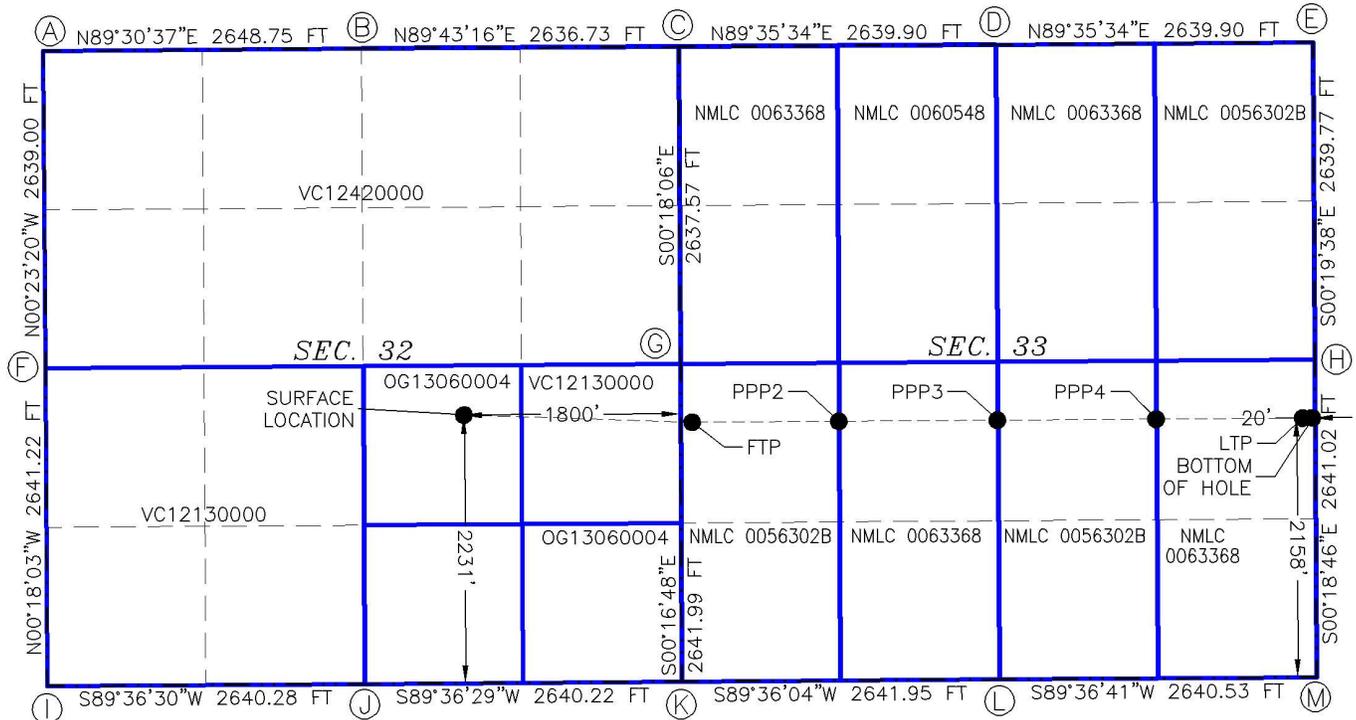
PPP2
 2158' FSL, 1320' FWL
 N.=683000.68
 E.=680807.95
 LAT.=32.8767642°N
 LONG.=103.8790372°W

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 003H
		Ground Level Elevation 3911.3
		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
J	32	16 S	31 E		2211 SOUTH	1798 EAST	32.8768877°N	103.8891905°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		1784 SOUTH	20 EAST	32.8757636°N	103.8662022°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
J	32	16 S	31 E		2211 SOUTH	1798 EAST	32.8768877°N	103.8891905°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	16 S	31 E		1784 SOUTH	100 WEST	32.8757278°N	103.8830097°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		1784 SOUTH	100 EAST	32.8757631°N	103.8664627°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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: APRIL 30, 2025</p> <p style="text-align: right;">SURVEY NO. 10425</p>
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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.

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.

VAN HALEN 33CD FED COM 003H
EL. = 3911.3

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
2211' FSL, 1798' FEL
N.=683032.33
E.=677690.65
LAT.=32.8768877°N
LONG.=103.8891905°W

LAST TAKE POINT
1784' FSL, 100' FEL
N.=682653.31
E.=684670.01
LAT.=32.8757631°N
LONG.=103.8664627°W

PPP3
1784' FSL, 2641' FWL
N.=682635.86
E.=682130.18
LAT.=32.8757458°N
LONG.=103.8747356°W

KICK OFF POINT
2211' FSL, 1798' FEL
N.=683032.33
E.=677690.65
LAT.=32.8768877°N
LONG.=103.8891905°W

BOTTOM OF HOLE
1784' FSL, 20' FEL
N.=682653.85
E.=684749.99
LAT.=32.8757636°N
LONG.=103.8662022°W

PPP4
1784' FSL, 1320' FEL
N.=682644.92
E.=683449.97
LAT.=32.8757548°N
LONG.=103.8704367°W

FIRST TAKE POINT
1784' FSL, 100' FWL
N.=682618.40
E.=679589.97
LAT.=32.8757278°N
LONG.=103.8830097°W

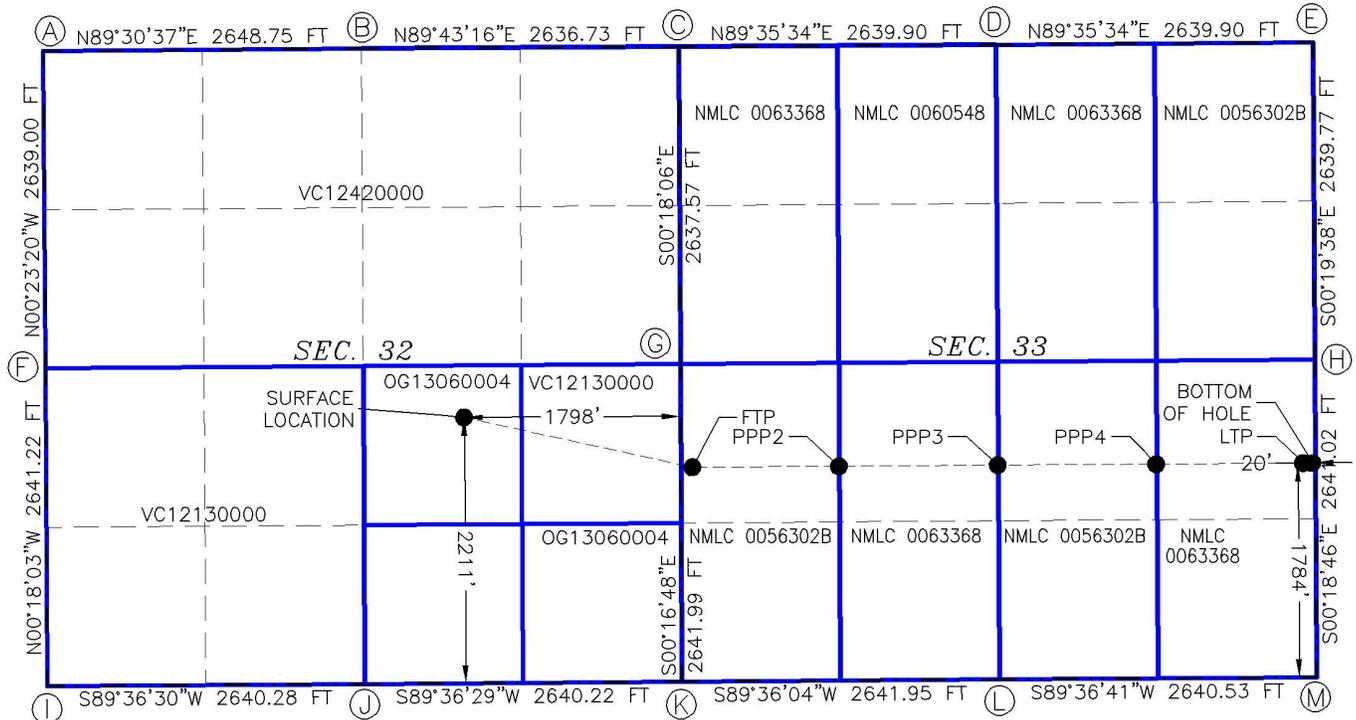
PPP2
1784' FSL, 1320' FWL
N.=682626.79
E.=680809.92
LAT.=32.8757365°N
LONG.=103.8790360°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 004H
		Ground Level Elevation 3911.4
		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
J	32	16 S	31 E		2191 SOUTH	1796 EAST	32.8768326°N	103.8891847°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		1409 SOUTH	20 EAST	32.8747332°N	103.8662009°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
J	32	16 S	31 E		2191 SOUTH	1796 EAST	32.8768326°N	103.8891847°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	16 S	31 E		1409 SOUTH	100 WEST	32.8746974°N	103.8830090°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	33	16 S	31 E		1409 SOUTH	100 EAST	32.8747327°N	103.8664614°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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: APRIL 30, 2025</p> <p style="text-align: right;">SURVEY NO. 10426</p>
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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.

Longfellow/Van Halen Wells

Exhibit A-1

Page 7 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.

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VAN HALEN 33CD FED COM 004H
EL. = 3911.2

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
2191' FSL, 1796' FEL
N.=683012.31
E.=677692.50
LAT.=32.8768326°N
LONG.=103.8891847°W

LAST TAKE POINT
1409' FSL, 100' FEL
N.=682278.41
E.=684672.06
LAT.=32.8747327°N
LONG.=103.8664614°W

PPP3
1409' FSL, 2641' FWL
N.=682260.96
E.=682132.23
LAT.=32.8747153°N
LONG.=103.8747342°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

KICK OFF POINT
2191' FSL, 1796' FEL
N.=683012.31
E.=677692.50
LAT.=32.8768326°N
LONG.=103.8891847°W

BOTTOM OF HOLE
1409' FSL, 20' FEL
N.=682278.96
E.=684752.03
LAT.=32.8747332°N
LONG.=103.8662009°W

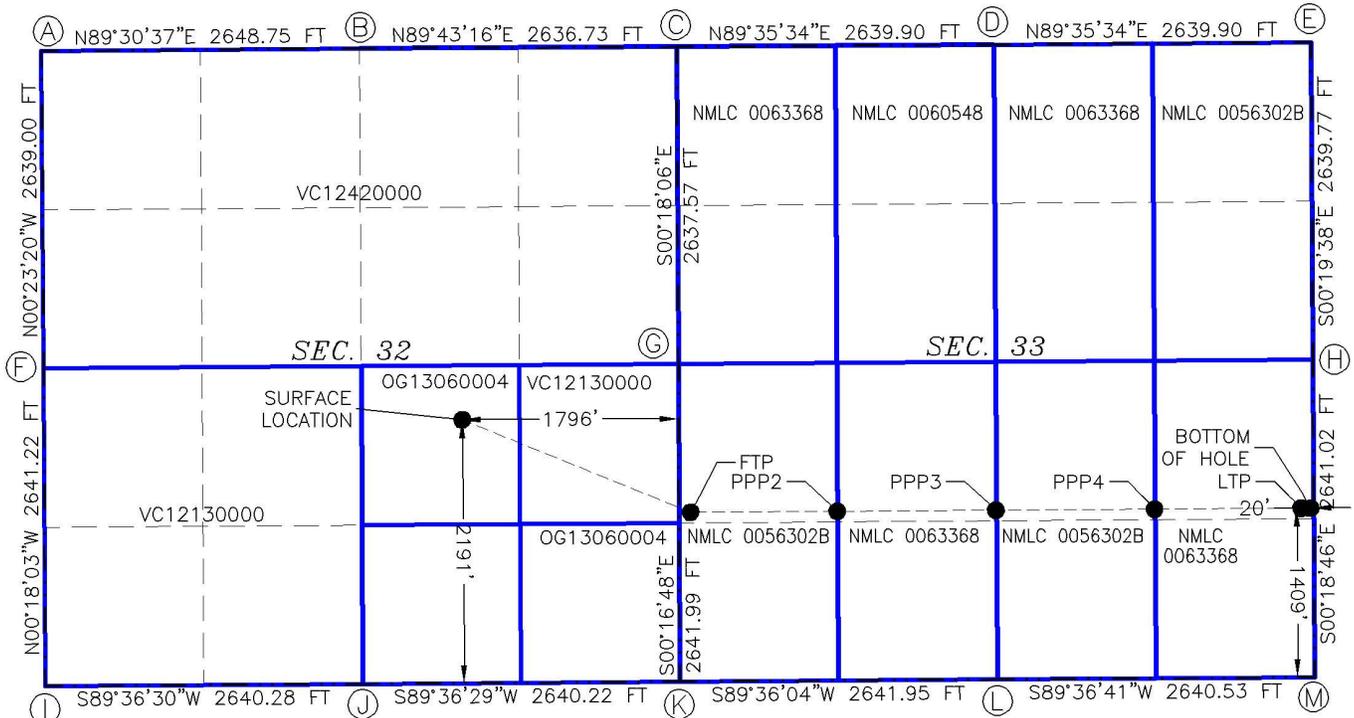
PPP4
1409' FSL, 1320' FEL
N.=682270.03
E.=683452.04
LAT.=32.8747244°N
LONG.=103.8704353°W

FIRST TAKE POINT
1409' FSL, 100' FWL
N.=682243.50
E.=679591.80
LAT.=32.8746974°N
LONG.=103.8830090°W

PPP2
1409' FSL, 1320' FWL
N.=682251.88
E.=680811.90
LAT.=32.8747061°N
LONG.=103.8790348°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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 005H
		Ground Level Elevation 3902.3
		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL O	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1117 SOUTH	Ft. from E/W 1780 EAST	Latitude 32.8738822°N	Longitude 103.8891302°W	County EDDY
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Bottom Hole Location

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1249 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8742935°N	Longitude 103.8662004°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL O	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1117 SOUTH	Ft. from E/W 1780 EAST	Latitude 32.8738822°N	Longitude 103.8891302°W	County EDDY
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First Take Point (FTP)

UL M	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1249 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8742577°N	Longitude 103.8830087°W	County EDDY
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Last Take Point (LTP)

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1249 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8742930°N	Longitude 103.8664609°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<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</p> <p>Date of Survey: APRIL 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10427</p>
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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.

Longfellow/Van Halen 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.

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VAN HALEN 33CD FED COM 005H
 EL. = 3902.3

GEODETIC COORDINATES

NAD 83 NMSP EAST
 SURFACE LOCATION
 1117' FSL, 1780' FEL
 N.=681938.95
 E.=677713.76
 LAT.=32.8738822°N
 LONG.=103.8891302°W

LAST TAKE POINT
 1249' FSL, 100' FEL
 N.=682118.46
 E.=684672.93
 LAT.=32.8742930°N
 LONG.=103.8664609°W

PPP3
 1249' FSL, 2641' FWL
 N.=682101.00
 E.=682133.10
 LAT.=32.8742757°N
 LONG.=103.8747336°W

KICK OFF POINT
 1117' FSL, 1780' FEL
 N.=681938.95
 E.=677713.76
 LAT.=32.8738822°N
 LONG.=103.8891302°W

BOTTOM OF HOLE
 1249' FSL, 20' FEL
 N.=682119.00
 E.=684752.91
 LAT.=32.8742935°N
 LONG.=103.8662004°W

PPP4
 1249' FSL, 1320' FEL
 N.=682110.07
 E.=683452.92
 LAT.=32.8742847°N
 LONG.=103.8704347°W

FIRST TAKE POINT
 1249' FSL, 100' FWL
 N.=682083.55
 E.=679592.58
 LAT.=32.8742577°N
 LONG.=103.8830087°W

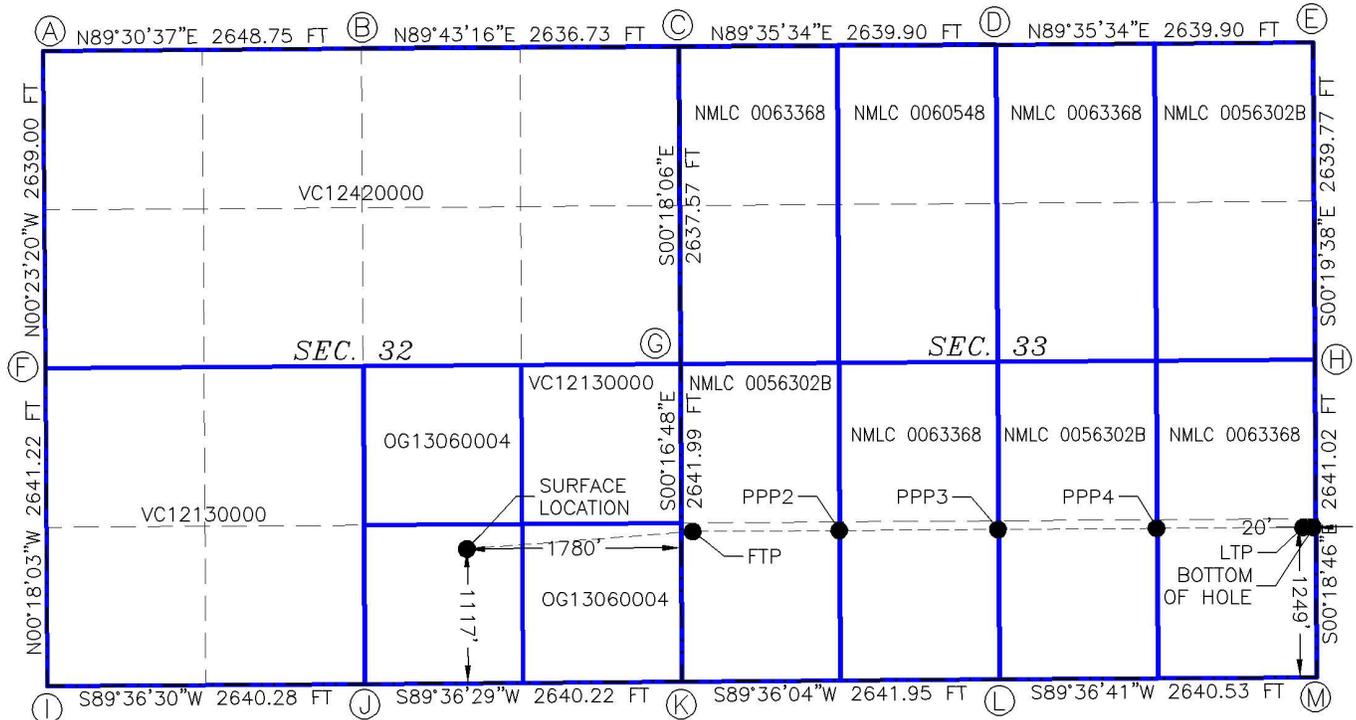
PPP2
 1249' FSL, 1320' FWL
 N.=682091.92
 E.=680812.74
 LAT.=32.8742664°N
 LONG.=103.8790343°W

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 006H
		Ground Level Elevation 3901.2
		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	32	16 S	31 E		1101 SOUTH	1791 EAST	32.8738370°N	103.8891672°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	33	16 S	31 E		874 SOUTH	20 EAST	32.8732631°N	103.8661991°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
O	32	16 S	31 E		1101 SOUTH	1791 EAST	32.8738370°N	103.8891672°W	EDDY

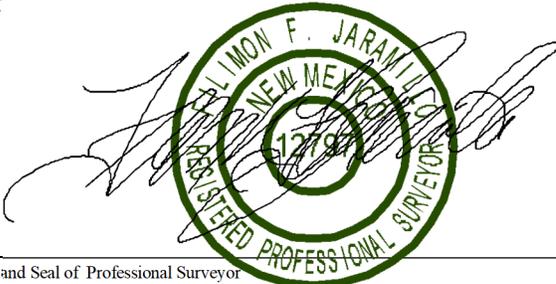
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	16 S	31 E		874 SOUTH	100 WEST	32.8732273°N	103.8830079°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	33	16 S	31 E		874 SOUTH	100 EAST	32.8732626°N	103.8664596°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: APRIL 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10428</p>
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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.

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.

VAN HALEN 33CD FED COM 006H
EL. = 3901.2

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1101' FSL, 1791' FEL
N.=681922.48
E.=677702.47
LAT.=32.8738370°N
LONG.=103.8891672°W

LAST TAKE POINT
874' FSL, 100' FEL
N.=681743.55
E.=684674.98
LAT.=32.8732626°N
LONG.=103.8664596°W

PPP3
874' FSL, 2641' FWL
N.=681726.10
E.=682135.15
LAT.=32.8732452°N
LONG.=103.8747323°W

KICK OFF POINT
1101' FSL, 1791' FEL
N.=681922.48
E.=677702.47
LAT.=32.8738370°N
LONG.=103.8891672°W

BOTTOM OF HOLE
874' FSL, 20' FEL
N.=681744.09
E.=684754.95
LAT.=32.8732631°N
LONG.=103.8661991°W

PPP4
874' FSL, 1320' FEL
N.=681735.18
E.=683454.99
LAT.=32.8732543°N
LONG.=103.8704333°W

FIRST TAKE POINT
874' FSL, 100' FWL
N.=681708.64
E.=679594.42
LAT.=32.8732273°N
LONG.=103.8830079°W

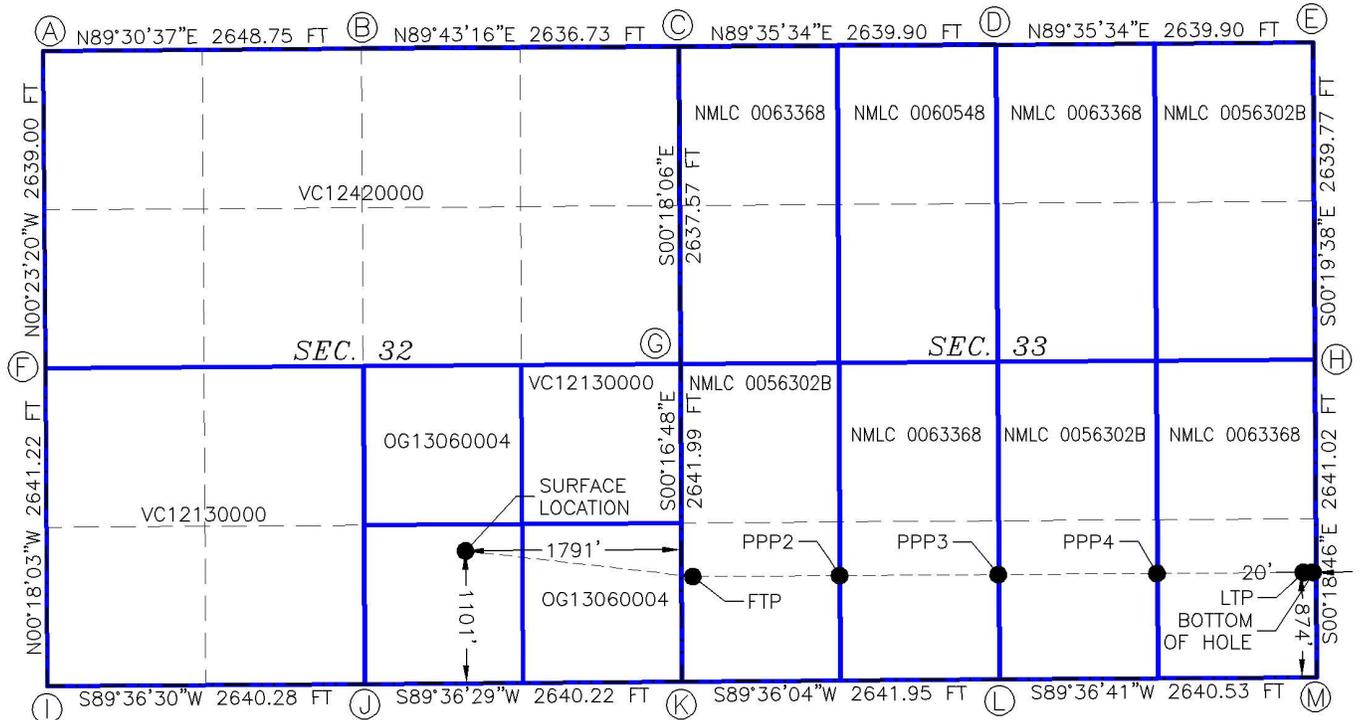
PPP2
874' FSL, 1321' FWL
N.=681717.03
E.=680814.71
LAT.=32.8732360°N
LONG.=103.8790331°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 007H
		Ground Level Elevation 3900.9
		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	32	16 S	31 E		1084 SOUTH	1803 EAST	32.8737918°N	103.8892043°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	33	16 S	31 E		500 SOUTH	20 EAST	32.8722354°N	103.8661978°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
O	32	16 S	31 E		1084 SOUTH	1803 EAST	32.8737918°N	103.8892043°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	16 S	31 E		500 SOUTH	100 WEST	32.8721996°N	103.8830071°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	33	16 S	31 E		500 SOUTH	100 EAST	32.8722349°N	103.8664583°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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: APRIL 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10429</p>
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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.

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.

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VAN HALEN 33CD FED COM 007H
 EL. = 3900.9

GEODETIC COORDINATES

NAD 83 NMSP EAST
 SURFACE LOCATION
 1084' FSL, 1803' FEL
 N.=681905.95
 E.=677691.15
 LAT.=32.8737918°N
 LONG.=103.8892043°W

LAST TAKE POINT
 500' FSL, 100' FEL
 N.=681369.66
 E.=684677.02
 LAT.=32.8722349°N
 LONG.=103.8664583°W

PPP3
 500' FSL, 2642' FWL
 N.=681352.20
 E.=682137.20
 LAT.=32.8722175°N
 LONG.=103.8747309°W

KICK OFF POINT
 1084' FSL, 1803' FEL
 N.=681905.95
 E.=677691.15
 LAT.=32.8737918°N
 LONG.=103.8892043°W

BOTTOM OF HOLE
 500' FSL, 100' FEL
 N.=681370.20
 E.=684757.00
 LAT.=32.8722354°N
 LONG.=103.8661978°W

PPP4
 500' FSL, 1320' FEL
 N.=681361.27
 E.=683457.06
 LAT.=32.8722266°N
 LONG.=103.8704319°W

FIRST TAKE POINT
 500' FSL, 100' FWL
 N.=681334.74
 E.=679596.24
 LAT.=32.8721996°N
 LONG.=103.8830071°W

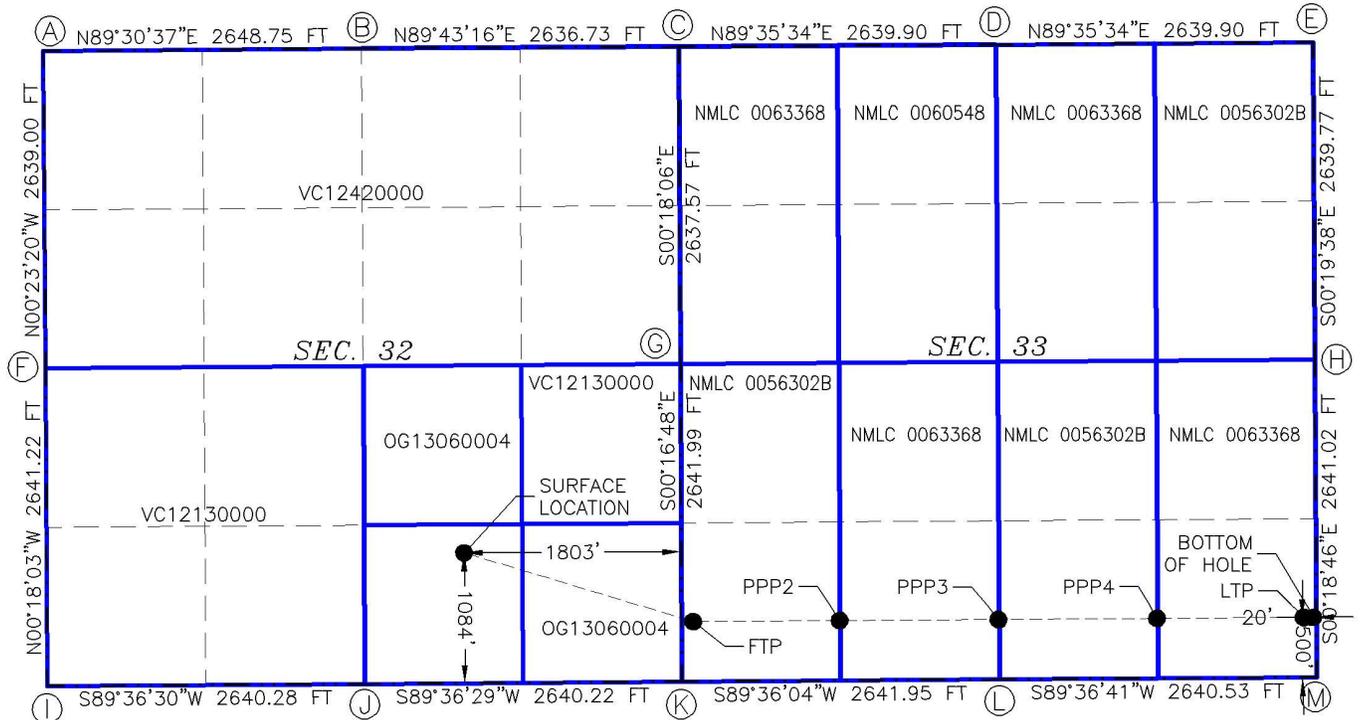
PPP2
 500' FSL, 1321' FWL
 N.=681343.13
 E.=680816.68
 LAT.=32.8722083°N
 LONG.=103.8790320°W

CORNER COORDINATES TABLE
 NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

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 VAN HALEN 33CD FED COM	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Well Number 008H
		Ground Level Elevation 3901.0
		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	32	16 S	31 E		1068 SOUTH	1814 EAST	32.8737466°N	103.8892413°W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	33	16 S	31 E		339 SOUTH	20 EAST	32.8717930°N	103.8661973°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
O	32	16 S	31 E		1068 SOUTH	1814 EAST	32.8737466°N	103.8892413°W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	33	16 S	31 E		339 SOUTH	100 WEST	32.8717572°N	103.8830068°W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	33	16 S	31 E		339 SOUTH	100 EAST	32.8717925°N	103.8664578°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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<p>OPERATOR CERTIFICATIONS</p> <p><i>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: APRIL 28, 2025</p> <p style="text-align: right;">SURVEY NO. 10430</p>
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VAN HALEN 33CD FED COM 008H
EL. = 3901.0

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1068' FSL, 1814' FEL
N.=681889.47
E.=677679.86
LAT.=32.8737466°N
LONG.=103.8892413°W

LAST TAKE POINT
339' FSL, 100' FEL
N.=681208.70
E.=684677.90
LAT.=32.8717925°N
LONG.=103.8664578°W

PPP3
339' FSL, 2642' FWL
N.=681191.24
E.=682138.08
LAT.=32.8717751°N
LONG.=103.8747303°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

KICK OFF POINT
1068' FSL, 1814' FEL
N.=681889.47
E.=677679.86
LAT.=32.8737466°N
LONG.=103.8892413°W

BOTTOM OF HOLE
339' FSL, 20' FEL
N.=681209.24
E.=684757.88
LAT.=32.8717930°N
LONG.=103.8661973°W

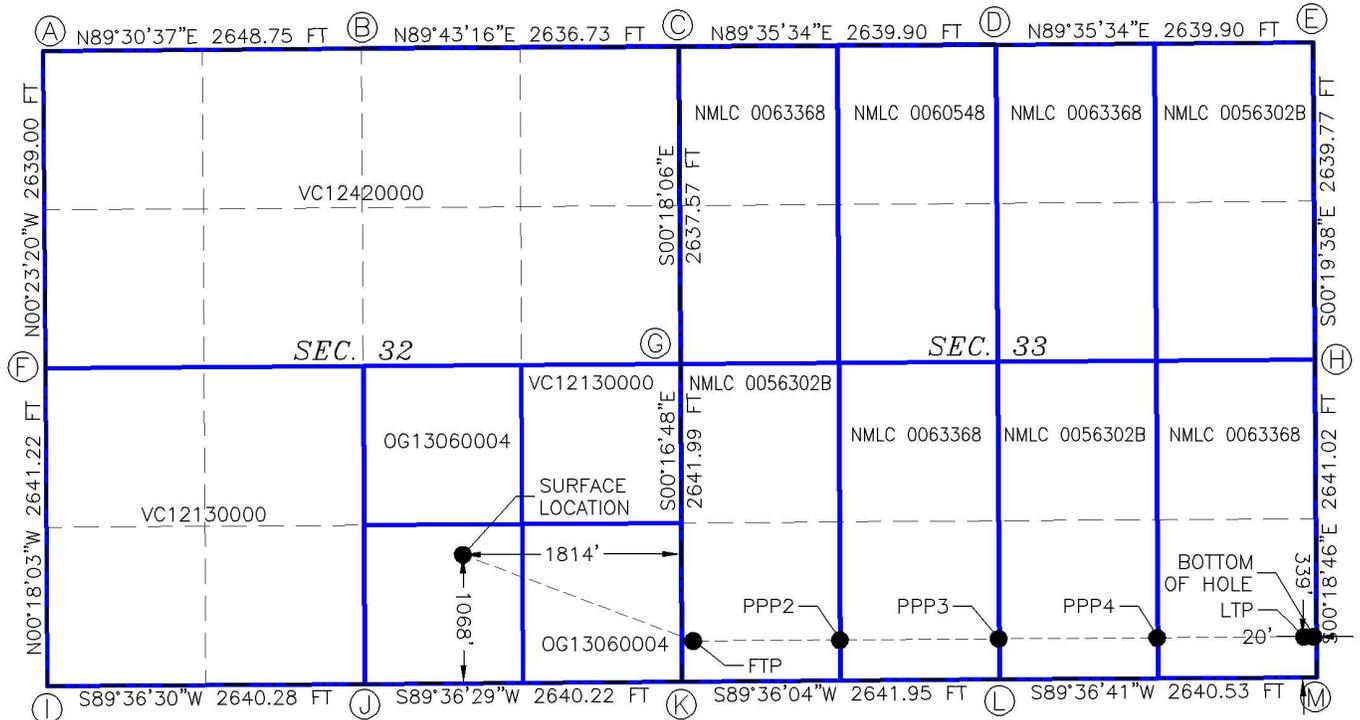
PPP4
339' FSL, 1320' FEL
N.=681200.31
E.=683457.95
LAT.=32.8717842°N
LONG.=103.8704313°W

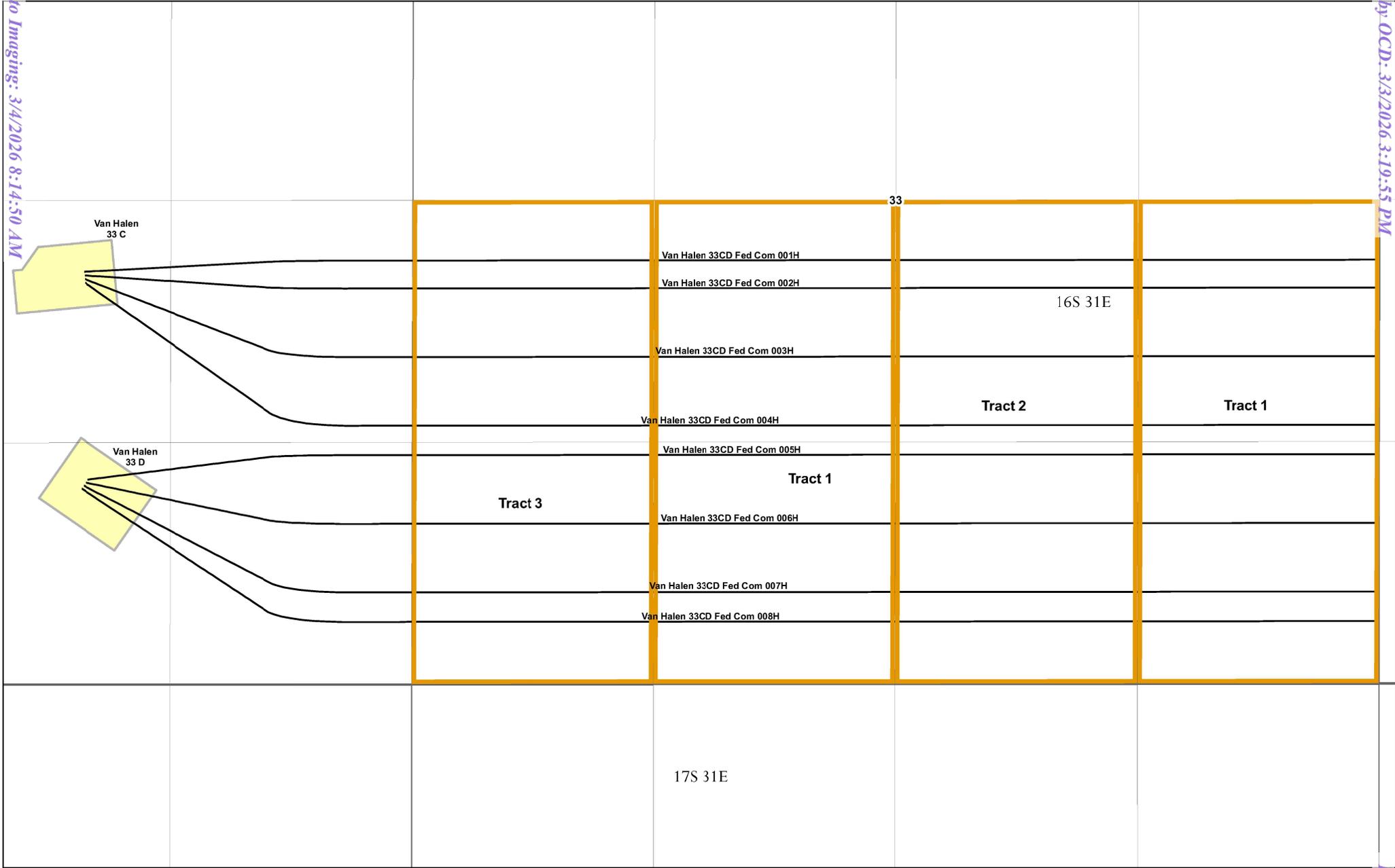
FIRST TAKE POINT
339' FSL, 100' FWL
N.=681173.78
E.=679597.03
LAT.=32.8717572°N
LONG.=103.8830068°W

PPP2
339' FSL, 1321' FWL
N.=681182.17
E.=680817.53
LAT.=32.8717658°N
LONG.=103.8790315°W

LEGEND

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





LFE - Cedar Lake Van Halen 33CD Unit Map (Date: 1/8/2026)
Document Path: D:\Data\GIS\Projects\New Mexico\Cedar Lake\Van Halen_33CD Pooling\LFE_Col_VanHaln_33CD_Fed_Com_Pooling_wdl_plan.mxd



Lease LC 0063368 - The East Half of the Southwest Quarter (E/2 SW/4) and the East Half of the Southeast Quarter (E/2 SE/4), containing 160.00 acres more or less.				
Unit Tract	Leasehold Owner	Tract Net Mineral Acres	Tract Working Interest	Unit Working Interest
1	Longfellow LH, LLC	160.00000	100.00%	50.00%
		160.00000	100.00%	50.00%

Lease LC 0056302B - The West Half of the Southeast Quarter (W/2 SE/4), containing 80.00 acres more or less				
Unit Tract	Leasehold Owner	Tract Net Mineral Acres	Tract Working Interest	Unit Working Interest
2	Colt Energy, LLC ***	26.66667	33.33%	8.33%
2	BP America Production Company ** & ***			
2	Apache Corporation ** & ***			
2	Hilcorp Energy 1, L.P. ** & ***	26.66667	33.33%	8.33%
2	ExxonMobil Corporation ***	26.66667	33.33%	8.33%
		80.00000	100.00%	25.00%

** Longfellow's Division Order Title Opinion for the proposed spacing unit in this matter indicated that BP Production Company ("BP") has 8.33% Working Interest in the proposed unit ("BP Interest"). In communicating with BP about this interest, Longfellow was informed by BP that the BP Interest was sold to Apache Corporation. Upon information and belief, the BP Interest was subsequently sold by Apache to Hilcorp Energy 1, L.P. ("Hilcorp"). Neither sale is currently reflected in record chain of title. Longfellow is working with BP, Apache, and Hilcorp to clarify the current ownership of the BP Interest. Upon resolution, Longfellow will attribute the BP Interest to the current owner. All parties have been provided notice of this proceeding.

*** Subsequent to well proposals being delivered and the running of the notice period required for this application, ExxonMobil Corp. through its affiliated entity XTO Holdings, LLC (collectively "Exxon"), notified Longfellow Energy, LP ("Longfellow") of a previously executed, but unrecorded reassignment of leasehold interest dated November 1, 2010 and recorded January 27, 2026, between OXY USA WTP Limited Partnership, as Assignor, and Exxon Mobil Corporation, as Assignee, covering OXY's interest in Unit Tract 2. Longfellow has reviewed the terms and provisions of the original Term Assignment dated January 5, 2004 between OXY USA WTP, LP and Exxon and acknowledges that a reassignment of the Leasehold Interest may be requested by Exxon at Exxon's sole option. Additionally, Longfellow has been informed by Exxon that reassignments of the remaining leasehold interests in Tract 2 have been requested from Hilcorp Energy 1, LP and Colt Energy, LLC (successor in interest to JR Oil, Ltd.), but signed reassignments to Exxon from those two parties have neither been delivered to Longfellow nor recorded in the available Eddy County records. Longfellow will attribute Tract 2 interests as reflected in the county records when the respective parties have recorded the necessary reassignments.

Lease LC 0056302B - The West Half of the Southwest Quarter (W/2 SW/4) containing 80.00 acres more or less				
Unit Tract	Leasehold Owner	Tract Net Mineral Acres	Tract Working Interest	Unit Working Interest
3	XTO Holdings, LLC	80.00000	100.00%	25.00%
		80.00000	100.00%	25.00%

#	Lessor	Lessee	Date	Book/Page	Unit Tract	NMA of Lease
1	United States of America	Estate of R.L. Tayloe	11/1/1991	LC 0063368	Tract 1	160.0000
2	United States of America	Exxon Mobile	11/1/1991	LC 0056302B	Tract 2 & 3	160.0000
TOTAL						320.0000

LEASEHOLD 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	160.000000	0.500000000	0.385000000	Participating
Colt Energy, LLC, as successor to JR Oil, Ltd.	PO BOX 53657 Lubbock, TX 79453	Working Interest	2	26.666667	0.083333333	0.066666667	Force Pool
BP America Production Company**&***	501 Westlake Park Blvd. Houston, TX 77079	Working Interest	2	26.666667	0.083333333	0.066666667	Force Pool
Apache Corporation **&***	2000 W Sam Houston Pkwy S, Suite 200, Houston, Texas 77042						
Hilcorp Energy I, L. P. **&***	1111 Travis St, Houston, TX 77002						
XTO Holdings, LLC ***	ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425	Working Interest	2 & 3	106.666667	0.333333333	0.266666667	Force Pool
R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee	P.O. Box 830308 Dallas, Texas 75283-0308	Overriding Royalty Interest	1			0.02625	Force Pool
John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees	P.O. Box 830308 Dallas, Texas 75283-0308	Overriding Royalty Interest	1			0.02625	Force Pool
Fullerton Oil & Gas Corporation	380 E. Green St. Pasadena, CA 91105	Overriding Royalty Interest	2 & 3			0.0375	Force Pool
United States of America	301 Dinosaur Trail Santa Fe, NM 87508	Royalty Interest	1, 2, & 3			0.125	
				320.000000	1.000000	1.000000000	

** Longfellow's Division Order Title Opinion for the proposed spacing unit in this matter indicated that BP Production Company ("BP") has 8.33% Working Interest in the proposed unit ("BP Interest"). In communicating with BP about this interest, Longfellow was informed by BP that the BP Interest was sold to Apache Corporation. Upon information and belief, the BP Interest was subsequently sold by Apache to Hilcorp Energy I, L.P. ("Hilcorp"). Neither sale is currently reflected in record chain of title. Longfellow is working with BP, Apache, and Hilcorp to clarify the current ownership of the BP Interest. Upon resolution, Longfellow will attribute the BP Interest to the current owner. All parties have been provided notice of this proceeding.



August 1, 2025

XTO Holdings, LLC
227777 Springwoods Village Parkway
Spring, TX 77389

Re: Well Proposals – Van Halen Federal Com 33CD 001H, 002H, 003H, 004H, 005H, 006H, 007H, 008H
South Half (S/2) of Section 33-16S-31E, Eddy County, New Mexico

To whom it may concern:

Longfellow Energy, LP (“Longfellow”) hereby proposes to drill and complete the following wells “back to back”:

- Van Halen Federal Com 33CD 001H, with an approximate true vertical depth of 5,202’, as a horizontal well in the Yeso formation (with an approximate measured depth of 10,885’) and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,802’ FEL & 2,251’ FSL of Section 32-16S-31E; with a Bottom Hole Location of 20’ FEL & 2,310’ FSL of Section 33-16S-31E.
- Van Halen Federal Com 33CD 002H, with an approximate true vertical depth of 6,129’, as a horizontal well in the Yeso formation (with an approximate measured depth of 11,782’) and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,800’ FEL & 2,231’ FSL of Section 32-16S-31E; with a Bottom Hole Location of 20’ FEL & 2,158’ FSL of Section 33-16S-31E.
- Van Halen Federal Com 33CD 003H, with an approximate true vertical depth of 5,547’, as a horizontal well in the Yeso formation (with an approximate measured depth of 11,239’) and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,798’ FEL & 2,211’ FSL of Section 32-16S-31E; with a Bottom Hole Location of 20’ FEL & 1,784’ FSL of Section 33-16S-31E.
- Van Halen Federal Com 33CD 004H, with an approximate true vertical depth of 5,202’, as a horizontal well in the Yeso formation (with an approximate measured depth of 10,960’) and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,796’ FEL & 2,191’ FSL of Section 32-16S-31E; with a Bottom Hole Location of 20’ FEL & 1,409’ FSL of Section 33-16S-31E.
- Van Halen Federal Com 33CD 005H, with an approximate true vertical depth of 6,143’, as a horizontal well in the Yeso formation (with an approximate measured depth of 11,796’) and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,780’ FEL & 1,117’ FSL of Section 32-16S-31E; with a Bottom Hole Location of 20’ FEL & 1,249’ FSL of Section 33-16S-31E.
- Van Halen Federal Com 33CD 006H, with an approximate true vertical depth of 5,541’, as a horizontal well in the Yeso formation (with an approximate measured depth of 11,215’) and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,791’ FEL & 1,101’ FSL of Section 32-16S-31E; with a Bottom Hole Location of 20’ FEL & 874’ FSL of Section 33-16S-31E.

August 1, 2025

Van Halen Federal Com 33CD 001H, 002H, 003H, 004H, 005H, 006H, 007H, 008H

Well Proposals

- Van Halen Federal Com 33CD 007H, with an approximate true vertical depth of 5,191', as a horizontal well in the Yeso formation (with an approximate measured depth of 10,918') and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,803' FEL & 1,084' FSL of Section 32-16S-31E; with a Bottom Hole Location of 20' FEL & 500' FSL of Section 33-16S-31E.
- Van Halen Federal Com 33CD 008H, with an approximate true vertical depth of 6,139', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,849') and an estimated cost of \$6,096,876 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 8/01/2025. Surface Hole Location is 1,814' FEL & 1,068' FSL of Section 32-16S-31E; with a Bottom Hole Location of 20' FEL & 339' FSL of Section 33-16S-31E.

To facilitate these wells and for efficient development, Longfellow proposes to form a Drilling Spacing Unit (the "DSU") covering the South Half (S/2) of Section 33-16S-31E, containing approximately 320 acres. For development of horizontal Yeso wells within the DSU, Longfellow proposes a new horizontal joint operating agreement dated January 1, 2026, a modified 2015 Horizontal AAPL Form 610 Operating Agreement, (hereinafter referred to as the "HJOA") to govern horizontal Yeso development within the DSU, to supersede existing JOAs (if any), containing the following provisions:

- Contract Area being the S/2 of Section 33-16S-31E, limited to the Yeso formation
- Applies to horizontal well development only
- 100% / 300% / 300% non-consent penalties
- \$12,000 / \$1,200 drilling and producing monthly overhead rates

According to our title examination, **XTO Holdings, LLC** owns a working interest as to the proposed DSU. We respectfully request that you select one of the following three options with regard to your interest in the proposed wells:

Option 1 - Participate with your working interest in the proposed wells, pursuant to the terms of the HJOA

Option 2 – Elect to not participate in the proposed wells, pursuant to the terms of the HJOA (an election of "Non-Consent")

Option 3 - Assign all of your leasehold rights, and the existing wells (if any) associated with those rights, in the DSU area to Longfellow for \$2,000/net acre (delivering your existing Net Revenue Interest)

Please indicate your election as to the aforesaid three options in the space provided below, and execute and return a copy of this letter to the undersigned within 30 days of receipt of this proposal. Your election of Option 1 and 2, should be returned to Longfellow by U.S. mail to the letterhead address below or email to Stuart.Gaston@longfellowenergy.com. Upon receipt of your election, I will send the HJOA for your review and execution. Should you elect to assign your interest pursuant to Option 3, please return your election and I will send an Assignment for your review and execution. If you prefer to review the HJOA prior to making an election, please request a copy by email and I will furnish for your review.

8115 Preston Rd, Suite 800, Dallas, TX 75225 | Phone: 972-532-8205

Longfellow/Van Halen Wells

Exhibit A-4

Page 2 of 21

August 1, 2025

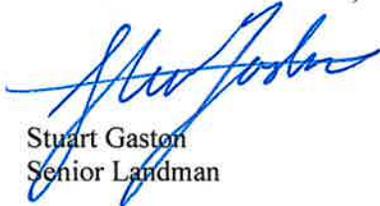
Van Halen Federal Com 33CD 001H, 002H, 003H, 004H, 005H, 006H, 007H, 008H

Well Proposals

Longfellow looks forward to working with you on this proposal and I encourage you to contact me with any questions pertaining to the proposed wells. Please be advised, to facilitate timely development, Longfellow may file with the New Mexico Oil Conservation Division for compulsory pooling of any uncommitted working interest owners. Should you have any questions concerning this matter, please contact the undersigned by phone at 972-532-8205 or by e-mail to Stuart.Gaston@longfellowenergy.com.

Sincerely,

LONGFELLOW ENERGY, LP


Stuart Gaston
Senior Landman

_____ Option 1. The undersigned elects to participate in the drilling and completion of the proposed wells. Enclosed please find the executed AFEs please forward me the HJOA for my execution.

_____ Option 2. The undersigned elects to not participate in the drilling and completion of the proposed wells, pursuant to the non-consent provisions of the HJOA. Please forward me the HJOA for my execution.

_____ Option 3. The undersigned elects to assign all of its leasehold rights, and the wells associated with those rights (if any), in the South Half (S/2) of Section 33-16S-31E to Longfellow for \$2,000 per net acre, delivering our existing Net Revenue Interest.

AGREED to and ACCEPTED this _____ day of _____, 2025.

XTO Holdings, LLC

By: _____

Print Name: _____

Title: _____



OPERATOR: Longfellow Energy, LP		WELL NO. #IH		FIELD: Yeso	AFF #:	DATE: 8/01/2025
LEASE: Van Halen Federal Com 33CD				PROPOSED TD:	ft (MD)	
LOCATION: Loco Hills, NM				VERTICAL		
OBJECTIVE: Drill and complete Yeso Hz Estimated @		ft TVD		HORIZONTAL	X	RE-ENTRY
OBJECTIVE:				WORKOVER		
REMARKS:						REVIEWED BY:

INTANGIBLE DRILLING COSTS	
1-00	** IDC - DRILLING **
1-02	Rig Diesel
1-03	Rig Rentals
1-04	Location / Construction
1-05	Drilling Insurance
1-06	Permits
1-07	Title Opinion / Regulatory Fees
1-08	Survey
1-10	Right-of-Way
1-12	Pit Lining / Fences
1-14	Trucking
1-16	Air / Gas Services
1-18	Supervision
1-19	Drilling Overhead
1-20	Rig Mobilization / Demobilization
1-22	Bits / Underreamers, Etc
1-23	Directional Tools & Supervision
1-24	Hammer Rental / Supervision
1-25	Cement Plug / Squeeze
1-26	Drilling Mud & Transportation
1-27	Mud Diesel
1-28	Mud Logging
1-29	Mud Remediation
1-30	Drill String & BHA Rental
1-31	Coring
1-32	Drill Stem Tests
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day
1-36	Casing Crews, PU & LD
1-38	Fishing Tool Rentals
1-40	Rathole / Mousehole / Conductor
1-42	Water - Fresh / Brine
1-43	Waste Water / Mud Disposal
1-44	Well Control Equipment
1-46	Trash Trailer
1-48	Surface Pipe Cementing
1-50	Intermediate Pipe Cementing
1-51	Contractor Ser. (Roustabout, Testor, etc.)
1-52	Production Casing Cementing
1-56	Open-Hole Logging OH Logs + Geosteering
1-58	Drilling Contingencies 5%
1-60	Surface Damages
1-62	Rotating Head & Expendables
1-64	Miscellaneous Drilling
1-66	Welding During Drilling
1-68	Miscellaneous Equipment Rentals
1-70	Centralizers & Float Equipment
TOTAL INTANGIBLE DRILLING COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					Three wells per pad
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					Three wells per pad
\$60,600					
\$155,000					
\$0					
\$0					
\$40,000					
\$0					
\$9,400					
\$0					
\$35,000					
\$0					
\$0					
\$225,960					
\$20,000					
\$0					
\$28,100					
\$30,000					
\$20,000					
\$1,500					
\$1,500					
\$28,000					
\$37,500					
\$45,000					
\$48,000					
\$0					
\$68,673					
\$3,750					
\$4,800					
\$105,000					
\$4,500					
\$22,000					
\$20,000					
\$1,442,133	\$0	\$0	\$0	\$0	

TANGIBLE DRILLING COSTS:	
2-00	** IDC - DRILLING **
TUBULAR GOODS (Surf., Inter., Prod., Tbg)	
	Size Grade Weight Thread Length
2-02	13-3/8" J-55 54.5 LT&C 400'
2-02	9-5/8" J-55 36.00 LT&C 1400
2-04	7" HCL-80 32.00 BK-HT 4,300'
2-06	5 1/2" HCL-80 20.00 BK-HT 5,500'
DRILLING - SURFACE EQUIPMENT	
2-10	Casinghead(s)
2-12	Liner Hanger & Packer
2-14	Open Hole Packers and Sleeves
2-16	Miscellaneous
2-18	Flowline & Valves
TOTAL TANGIBLE DRILLING COSTS:	
INTANGIBLE COMPLETION COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
\$417,500	\$0	\$0	\$0	\$0	
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL



OPERATOR: Longfellow Energy, LP		WELL NO. #1H		FIELD: Yeso	AFE #:	DATE: 8/01/2025	
LEASE: Van Halen Federal Com 33CD				PROPOSED TD:	ft (MD)		
LOCATION: Loco Hills, NM				VERTICAL			
OBJECTIVE: Drill and complete Yeso Hz Estimated @		ft TVD		HORIZONTAL	X		
OBJECTIVE:					RE-ENTRY		
OBJECTIVE:					WORKOVER		
REMARKS:				REVIEWED BY:			

3-00	** IDC - COMPLETION **
3-02	Acidizing
3-04	Fracturing
3-06	Perforating
3-08	Cased Hole Logging
3-10	CO2 / Boosters
3-12	Electrician / Electrical Services
3-14	Equipment Rentals
3-15	Rentals- Potties, Lights, Trash Trailers
3-16	Frac Tank Rentals
3-18	Restore Location
3-20	Right - Of - Way
3-22	Roustabout Crews
3-23	Cement Plugs/Bridge Plugs
3-24	Supervision
3-25	Completion Overhead
3-26	Trucking
3-58	Trucking- Kill Truck
3-27	Water Transfer- 10", Poly, Fill Pit
3-28	Water Hauling - Fresh
3-29	SW Disposal- Hauling, Paid Disposal, Poly
3-30	Slickline Work
3-32	Reverse Unit / Power Swivel
	Completion Rig / Daywork
3-34	7 days @ \$3,200 / day
3-36	Anchors
3-38	Drill bits, Underreamers, Etc.
3-40	Coiled Tubing Unit
3-42	Completion Fluids - Mud, Etc.
3-44	DH Tool Rental
3-46	Fishing Tool Rental
3-48	Tubing Testing, Rental & Inspection
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator
3-52	Well Testing Equipment & Labor
3-57	Technical Labor
3-54	Miscellaneous Completion
3-56	Contingencies Completion 5%

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER
	\$1,450,000			
	\$150,000			
		\$128,571		
	\$55,000	\$100,000		
	\$5,000			
	\$20,000			
	\$28,000			
	\$65,000			
	\$25,000			
	\$35,000			
	\$40,000			
	\$205,000			
	\$535,000			
	\$10,000			
	\$55,000			
	\$14,000			
	\$35,000			
	\$1,500			
	\$3,500			
	\$185,000			
	\$18,000			
	\$120,000			
	\$40,000			
	\$20,000			
	\$155,750	\$17,779		
	\$0	\$3,270,750	\$373,350	\$0

	75 bpf, 135 bpm
	\$4500 / stage (self-oriented)
	CVE Hook-Up
	LFE Tanks & Acid tanks
	25 Stages
	Water hauling/ Surf clean-up
	Pump down
	\$1.4 / bbl
	Pre-ops.
	Drill-out and ESP
	Mud, Scale & Tracer
	10% Contingency

TOTAL INTANGIBLE COMPLETION COSTS:

TANGIBLE COMPLETION COSTS:

4-00 ** IDC - COMPLETION **

4-01	Tubing
4-02	Packers
4-04	Plugs
4-06	Blast Joint
4-08	Miscellaneous Completion Equipment
4-09	Environmental Equipment
4-10	Compression Equipment
4-12	Dehydration Equipment
4-14	Electrical Equipment - Motors, Etc.
4-15	Automation Equipment
4-16	Injection / Transfer Pump
4-18	Meter & Meter Run
4-20	Salt Water Tanks
4-22	Production Tanks
4-24	Separation Equipment
4-26	Pump
4-28	Pumping Unit
4-30	Rod String
	Size Class Length
4-32	Tubing Head
4-34	Valves, Gauges and Miscellaneous
4-38	Artificial Lift and Accessories
4-40	Flowline

DRILLING COMPLETION FAC-BAT FAC-OIL PIPE FAC-POWER

	\$26,000			
	\$30,000			
		\$21,429		
		\$17,143		
		\$57,143		
		\$28,571		
		\$7,857		
		\$12,857		
		\$21,429		
		\$35,714		
		\$57,143		
	\$165,000			
	\$5,000			
		\$42,857		
	\$35,000			
		\$30,000		
	\$261,000	\$332,143	\$0	\$0

SUPPLEMENTAL

	2 7/8" J-55
	Cap string, misc surf, etc
	ESP
	VFD Split

TOTAL TANGIBLE COMPLETION COSTS:

TOTAL DRILLING COST

TOTAL COMPLETION COST

TOTAL COMPLETED WELL COST

	\$1,859,633			
		\$3,531,750	\$705,493	\$0
				\$0
				\$0
				\$6,096,876

Approved by: _____
 Company: _____
 Title: _____
 Signed this _____ Day of _____ 20____



OPERATOR: Longfellow Energy, LP		WELL NO. #3H		FIELD: Yeso		AFE #:		DATE: 8/01/2025	
LEASE: Van Halen Federal Com 33CD				PROPOSED TD:		ft (MD)			
LOCATION: Loco Hills, NM				VERTICAL		RE-ENTRY			
OBJECTIVE: Drill and complete Yeso Hz Estimated @				ft TVD		HORIZONTAL		X	
OBJECTIVE:				ft		WORKOVER			
REMARKS:								REVIEWED BY:	

3-00 ** IDC - COMPLETION **	
3-02	Acidizing
3-04	Fracturing
3-06	Perforating
3-08	Cased Hole Logging
3-10	CO2 / Boosters
3-12	Electrician / Electrical Services
3-14	Equipment Rentals
3-15	Rentals- Potties, Lights, Trash Trailers
3-16	Frac Tank Rentals
3-18	Restore Location
3-20	Right - Of - Way
3-22	Roustabout Crews
3-23	Cement Plugs/Bridge Plugs
3-24	Supervision
3-25	Completion Overhead
3-26	Trucking
3-28	Trucking- Kill Truck
3-27	Water Transfer- 10", Poly, Fill Pit
3-28	Water Hauling - Fresh
3-29	SW Disposal- Hauling, Paid Disposal, Poly
3-30	Slickline Work
3-32	Reverse Unit / Power Swivel
3-34	Completion Rig / Daywork
3-36	7 days @ \$3,200 / day
3-38	Anchors
3-40	Drill bits, Under-reamers, Etc
3-42	Coiled Tubing Unit
3-44	Completion Fluids - Mud, Etc
3-46	DH Tool Rental
3-48	Fishing Tool Rental
3-50	Tubing Testing, Rental & Inspection
3-52	Press Control Equip Rental- BOPE, Frac Stack, Lubricator
3-54	Well Testing Equipment & Labor
3-56	Technical Labor
3-56	Miscellaneous Completion
3-56	Contingencies Completion 5%

DRILLING	COMPLETION	FAC-RAT	FAC-OIL PIPE	FAC-POWER
	\$1,450,000			
	\$150,000			
		\$128,571		
	\$55,000	\$100,000		
	\$5,000			
	\$20,000			
		\$127,000		
	\$28,000			
	\$65,000			
	\$25,000			
	\$35,000			
	\$40,000			
	\$205,000			
	\$535,000			
	\$10,000			
	\$55,000			
	\$14,000			
	\$35,000			
	\$1,500			
	\$3,500			
	\$185,000			
	\$18,000			
	\$120,000			
	\$40,000			
	\$20,000			
	\$155,750	\$17,779		
	\$0	\$3,270,750	\$373,350	\$0

75 bpf, 135 bpm
\$4500 / stage (self-oriented)
CVE Hook-Up
LFE Tanks & Acid tanks
25 Stages
Water hauling/ Surf clean-up
Pump down
\$1.4 / bbl
Pre-ops
Drill-out and ESP
Mud, Scale & Tracer
10% Contingency

TOTAL INTANGIBLE COMPLETION COSTS:

TANGIBLE COMPLETION COSTS:

4-00 ** IDC - COMPLETION **	
4-01	Tubing
4-02	Packers
4-04	Plugs
4-06	Blast Joint
4-08	Miscellaneous Completion Equipment
4-09	Environmental Equipment
4-10	Compression Equipment
4-12	Dehydration Equipment
4-14	Electrical Equipment - Motors, Etc
4-15	Automation Equipment
4-16	Injection / Transfer Pump
4-18	Meter & Meter Run
4-20	Salt Water Tanks
4-22	Production Tanks
4-24	Separation Equipment
4-26	Pump
4-28	Pumping Unit
4-30	Rod String
	Size Class Length
	" " "
4-32	Tubing Head
4-34	Valves, Gauges and Miscellaneous
4-38	Artificial Lift and Accessories
4-40	Flowline

DRILLING	COMPLETION	FAC-RAT	FAC-OIL PIPE	FAC-POWER
	\$26,000			
	\$30,000			
		\$21,429		
		\$17,143		
		\$57,143		
		\$28,571		
		\$7,857		
		\$12,857		
		\$21,429		
		\$35,714		
		\$57,143		
	\$165,000			
	\$5,000			
		\$42,857		
	\$35,000			
		\$30,000		
	\$261,000	\$332,143	\$0	\$0

SUPPLEMENTAL
2 7/8" J-55
Cap string, misc surf, etc
ESP
VFD Split

TOTAL TANGIBLE COMPLETION COSTS:

TOTAL DRILLING COST

TOTAL COMPLETION COST

TOTAL COMPLETED WELL COST

\$1,859,633
\$3,531,750
\$705,493
\$0
\$0
\$6,096,876

Approved by: _____
 Company: _____
 Title: _____
 Signed this _____ Day of _____ 20____



OPERATOR: Longfellow Energy, LP		WELL NO. #6H		FIELD: Yeso		AFE #:		DATE: 8/01/2025	
LEASE: Van Halen Federal Com 33CD									
LOCATION: Loco Hills, NM						PROPOSED TD:		ft (MD)	
OBJECTIVE: Drill and complete Yeso Hz		Estimated @		ft TVD		VERTICAL		RE-ENTRY	
OBJECTIVE:				ft		HORIZONTAL		WORKOVER	
REMARKS:								REVIEWED BY:	

INTANGIBLE DRILLING COSTS	
1-00	** IDC - DRILLING **
1-02	Rig Diesel
1-03	Rig Rentals
1-04	Location / Construction
1-05	Drilling Insurance
1-06	Permits
1-07	Title Opinion / Regulatory Fees
1-08	Survey
1-10	Right-of-Way
1-12	Pit Lining / Fences
1-14	Trucking
1-16	Air / Gas Services
1-18	Supervision
1-19	Drilling Overhead
1-20	Rig Mobilization / Demobilization
1-22	Bits / Underreamers, Etc
1-23	Directional Tools & Supervision
1-24	Hammer Rental / Supervision
1-25	Cement Plug / Squeeze
1-26	Drilling Mud & Transportation
1-27	Mud Diesel
1-28	Mud Logging
1-29	Mud Remediation
1-30	Drill String & BHA Rental
1-31	Coring
1-32	Drill Stem Tests
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day
1-36	Casing Crews, PU & LD
1-38	Fishing Tool Rentals
1-40	Rathole / Mousehole / Conductor
1-42	Water - Fresh / Brine
1-43	Waste Water / Mud Disposal
1-44	Well Control Equipment
1-46	Trash Trailer
1-48	Surface Pipe Cementing
1-50	Intermediate Pipe Cementing
1-51	Contractor Ser. (Roustabout, Testor, etc.)
1-52	Production Casing Cementing
1-56	Open-Hole Logging OH Logs + Geosteering
1-58	Drilling Contingencies 5%
1-60	Surface Damages
1-62	Rotating Head & Expendables
1-64	Miscellaneous Drilling
1-66	Welding During Drilling
1-68	Miscellaneous Equipment Rentals
1-70	Centralizers & Float Equipment
TOTAL INTANGIBLE DRILLING COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					Three wells per pad
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					Three wells per pad
\$60,600					
\$155,000					
\$0					
\$0					
\$40,000					
\$0					
\$9,400					
\$0					
\$35,000					
\$0					
\$0					
\$225,960					
\$20,000					
\$0					
\$28,100					
\$30,000					
\$20,000					
\$1,500					
\$1,500					
\$28,000					
\$37,500					
\$45,000					
\$48,000					
\$0					
\$68,673					
\$3,750					
\$4,800					
\$105,000					
\$4,500					
\$22,000					
\$20,000					
\$1,442,133	\$0	\$0	\$0	\$0	

TANGIBLE DRILLING COSTS:	
2-00	** IDC - DRILLING **
TUBULAR GOODS (Surf., Inter., Prod., Tbg)	
	Size Grade Weight Thread Length
2-02	13-3/8" J-55 54.5 LT&C 400'
2-02	9-5/8" J-55 36.00 LT&C 1400
2-04	7" HCL-80 32.00 BK-HT 4,300'
2-06	5 1/2" HCL-80 20.00 BK-HT 5,500'
DRILLING - SURFACE EQUIPMENT	
2-10	Casinghead(s)
2-12	Liner Hanger & Packer
2-14	Open Hole Packers and Sleeves
2-16	Miscellaneous
2-18	Flowline & Valves
TOTAL TANGIBLE DRILLING COSTS:	
INTANGIBLE COMPLETION COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
\$417,500	\$0	\$0	\$0	\$0	
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL



OPERATOR: Longfellow Energy, LP		WELL NO. #6H		FIELD: Yeso	AFE #:	DATE: 8/01/2025
LEASE: Van Halen Federal Com 33CD						RE-ENTRY
LOCATION: Loco Hills, NM					PROPOSED TD:	WORKOVER
OBJECTIVE: Drill and complete Yeso Hz		Estimated	@	ft	VERTICAL	
OBJECTIVE:				ft	HORIZONTAL	X
REMARKS:						REVIEWED BY:

3-00	** IDC - COMPLETION **
3-02	Acidizing
3-04	Fracturing
3-06	Perforating
3-08	Cased Hole Logging
3-10	CO2 / Boosters
3-12	Electrician / Electrical Services
3-14	Equipment Rentals
3-15	Rentals- Potties, Lights, Trash Trailers
3-16	Frac Tank Rentals
3-18	Restore Location
3-20	Right - Of - Way
3-22	Roustabout Crews
3-23	Cement Plugs/Bridge Plugs
3-24	Supervision
3-25	Completion Overhead
3-26	Trucking
3-58	Trucking- Kill Truck
3-27	Water Transfer- 10", Poly, Fill Pit
3-28	Water Hauling - Fresh
3-29	SW Disposal- Hauling, Paid Disposal, Poly
3-30	Slickline Work
3-32	Reverse Unit / Power Swivel
	Completion Rig / Daywork
3-34	7 days @ \$3,200 / day
3-36	Anchors
3-38	Drill bits, Under-reamers, Etc.
3-40	Coiled Tubing Unit
3-42	Completion Fluids - Mud, Etc.
3-44	DH Tool Rental
3-46	Fishing Tool Rental
3-48	Tubing Testing, Rental & Inspection
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator
3-52	Well Testing Equipment & Labor
3-57	Technical Labor
3-54	Miscellaneous Completion
3-56	Contingencies Completion 5%
TOTAL INTANGIBLE COMPLETION COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER
	\$1,450,000			
	\$150,000			
		\$128,571		
	\$55,000	\$100,000		
	\$5,000			
	\$20,000			
		\$127,000		
	\$28,000			
	\$65,000			
	\$25,000			
	\$35,000			
	\$40,000			
	\$205,000			
	\$535,000			
	\$10,000			
	\$55,000			
	\$14,000			
	\$35,000			
	\$1,500			
	\$3,500			
	\$185,000			
	\$18,000			
	\$120,000			
	\$40,000			
	\$20,000			
	\$155,750	\$17,779		
TOTAL	\$3,270,750	\$373,350	\$0	\$0

75 bpf, 135 bpm
\$4500 / stage (self-oriented)
CVE Hook-Up
LFE Tanks & Acid tanks
25 Stages
Water hauling/ Surf clean-up
Pump down
\$1.4 / bbl
Pre-ops
Drill-out and ESP
Mud, Scale & Tracer
10% Contingency

TANGIBLE COMPLETION COSTS:

DRILLING COMPLETION FAC-BAT FAC-OIL PIPE FAC-POWER

SUPPLEMENTAL

4-00	** IDC - COMPLETION **
4-01	Tubing
4-02	Packers
4-04	Plugs
4-06	Blast Joint
4-08	Miscellaneous Completion Equipment
4-09	Environmental Equipment
4-10	Compression Equipment
4-12	Dehydration Equipment
4-14	Electrical Equipment - Motors, Etc.
4-15	Automation Equipment
4-16	Injection / Transfer Pump
4-18	Meter & Meter Run
4-20	Salt Water Tanks
4-22	Production Tanks
4-24	Separation Equipment
4-26	Pump
4-28	Pumping Unit
4-30	Rod String
	Size Class Length
	" " "
	" " "
4-32	Tubing Head
4-34	Valves, Gauges and Miscellaneous
4-38	Artificial Lift and Accessories
4-40	Flowline
TOTAL TANGIBLE COMPLETION COSTS:	

	\$26,000			
	\$30,000			
		\$21,429		
		\$17,143		
		\$57,143		
		\$28,571		
		\$7,857		
		\$12,857		
		\$21,429		
		\$35,714		
		\$57,143		
	\$165,000			
	\$5,000			
		\$42,857		
	\$35,000			
		\$30,000		
TOTAL	\$261,000	\$332,143	\$0	\$0

2 7/8" J-55
Cap string, misc surf, etc
ESP
VFD Split

TOTAL DRILLING COST

\$1,859,633

TOTAL COMPLETION COST

\$3,531,750 \$705,493 \$0 \$0

TOTAL COMPLETED WELL COST

\$6,096,876

Approved by: _____
 Company: _____
 Title: _____
 Signed this _____ Day of _____ 20____



OPERATOR: Longfellow Energy, LP		WELL NO. #7H		FIELD: Yeso	AFF #:	DATE: 8/01/2025
LEASE: Van Halen Federal Com 33CD				PROPOSED TD:	ft (MD)	
LOCATION: Loco Hills, NM				VERTICAL	RE-ENTRY	
OBJECTIVE: Drill and complete Yeso Hz Estimated @:				HORIZONTAL	WORKOVER	
OBJECTIVE:						
REMARKS:				REVIEWED BY:		

INTANGIBLE DRILLING COSTS	
1-00	** IDC - DRILLING **
1-02	Rig Diesel
1-03	Rig Rentals
1-04	Location / Construction
1-05	Drilling Insurance
1-06	Permits
1-07	Title Opinion / Regulatory Fees
1-08	Survey
1-10	Right-of-Way
1-12	Pit Lining / Fences
1-14	Trucking
1-16	Air / Gas Services
1-18	Supervision
1-19	Drilling Overhead
1-20	Rig Mobilization / Demobilization
1-22	Bits / Underreamers, Etc.
1-23	Directional Tools & Supervision
1-24	Hammer Rental / Supervision
1-25	Cement Plug / Squeeze
1-26	Drilling Mud & Transportation
1-27	Mud Diesel
1-28	Mud Logging
1-29	Mud Remediation
1-30	Drill String & BHA Rental
1-31	Coring
1-32	Drill Stem Tests
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day
1-36	Casing Crews, PU & LD
1-38	Fishing Tool Rentals
1-40	Rathole / Mousehole / Conductor
1-42	Water - Fresh / Brine
1-43	Waste Water / Mud Disposal
1-44	Well Control Equipment
1-46	Trash Trailer
1-48	Surface Pipe Cementing
1-50	Intermediate Pipe Cementing
1-51	Contractor Ser. (Roustabout, Testor, etc.)
1-52	Production Casing Cementing
1-56	Open-Hole Logging OH Logs + Geosteering
1-58	Drilling Contingencies 5%
1-60	Surface Damages
1-62	Rotating Head & Expendables
1-64	Miscellaneous Drilling
1-66	Welding During Drilling
1-68	Miscellaneous Equipment Rentals
1-70	Centralizers & Float Equipment
TOTAL INTANGIBLE DRILLING COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					Three wells per pad
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					Three wells per pad
\$60,600					
\$155,000					
\$0					
\$0					
\$40,000					
\$0					
\$9,400					
\$0					
\$35,000					
\$0					
\$0					
\$225,960					
\$20,000					
\$0					
\$28,100					
\$30,000					
\$20,000					
\$1,500					
\$1,500					
\$28,000					
\$37,500					
\$45,000					
\$48,000					
\$0					
\$68,673					
\$3,750					
\$4,800					
\$105,000					
\$4,500					
\$22,000					
\$20,000					
\$1,442,133	\$0	\$0	\$0	\$0	

TANGIBLE DRILLING COSTS:	
2-00	** IDC - DRILLING **
TUBULAR GOODS (Surf., Inter., Prod., Tbg)	
	Size Grade Weight Thread Length
2-02	13-3/8" J-55 54.5 LT&C 400'
2-02	9-5/8" J-55 36.00 LT&C 1400'
2-04	7" HCL-80 32.00 BK-HT 4,300'
2-06	5 1/2" HCL-80 20.00 BK-HT 5,500'
DRILLING - SURFACE EQUIPMENT	
2-10	Casinghead(s)
2-12	Liner Hanger & Packer
2-14	Open Hole Packers and Sleeves
2-16	Miscellaneous
2-18	Flowline & Valves
TOTAL TANGIBLE DRILLING COSTS:	
INTANGIBLE COMPLETION COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
\$417,500	\$0	\$0	\$0	\$0	
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL



OPERATOR: Longfellow Energy, L.P.		WELL NO. #8H		FIELD: Yeso	AFE #:	DATE: 8/01/2025
LEASE: Van Halen Federal Com 33CD				PROPOSED TD:	ft (MD)	
LOCATION: Loco Hills, NM				VERTICAL	RE-ENTRY	
OBJECTIVE: Drill and complete Yeso Hz Estimated @				HORIZONTAL	WORKOVER	
OBJECTIVE:						
REMARKS:				REVIEWED BY:		

INTANGIBLE DRILLING COSTS	
1-00	** IDC - DRILLING **
1-02	Rig Diesel
1-03	Rig Rentals
1-04	Location / Construction
1-05	Drilling Insurance
1-06	Permits
1-07	Title Opinion / Regulatory Fees
1-08	Survey
1-10	Right-of-Way
1-12	Pit Lining / Fences
1-14	Trucking
1-16	Air / Gas Services
1-18	Supervision
1-19	Drilling Overhead
1-20	Rig Mobilization / Demobilization
1-22	Bits / Underreamers, Etc.
1-23	Directional Tools & Supervision
1-24	Hammer Rental / Supervision
1-25	Cement Plug / Squeeze
1-26	Drilling Mud & Transportation
1-27	Mud Diesel
1-28	Mud Logging
1-29	Mud Remediation
1-30	Drill String & BHA Rental
1-31	Connq
1-32	Drill Stem Tests
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day
1-36	Casing Crews, PU & LD
1-38	Fishing Tool Rentals
1-40	Rathole / Mousehole / Conductor
1-42	Water - Fresh / Brine
1-43	Waste Water / Mud Disposal
1-44	Well Control Equipment
1-46	Trash Trailer
1-48	Surface Pipe Cementing
1-50	Intermediate Pipe Cementing
1-51	Contractor Ser. (Roustabout, Testor, etc.)
1-52	Production Casing Cementing
1-56	Open-Hole Logging OH Logs + Geosteering
1-58	Drilling Contingencies 5%
1-60	Surface Damages
1-62	Rotating Head & Expendables
1-64	Miscellaneous Drilling
1-66	Welding During Drilling
1-68	Miscellaneous Equipment Rentals
1-70	Centralizers & Float Equipment
TOTAL INTANGIBLE DRILLING COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					Three wells per pad
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					Three wells per pad
\$60,600					
\$135,000					
\$0					
\$0					
\$40,000					
\$0					
\$9,400					
\$0					
\$35,000					
\$0					
\$0					
\$225,960					
\$20,000					
\$0					
\$28,100					
\$30,000					
\$20,000					
\$1,500					
\$1,500					
\$28,000					
\$37,500					
\$45,000					
\$48,000					
\$0					
\$68,673					
\$3,750					
\$4,800					
\$105,000					
\$4,500					
\$22,000					
\$20,000					
\$1,442,133	\$0	\$0	\$0	\$0	

TANGIBLE DRILLING COSTS:	
2-00	** IDC - DRILLING **
TUBULAR GOODS (Surf., Inter., Prod., Tbg)	
	Size Grade Weight Thread Length
2-02	13-3/8" J-55 54.5 LT&C 400'
2-02	9-5/8" J-55 36.00 LT&C 1400'
2-04	7" HCL-80 32.00 BK-HT 4,300'
2-06	5 1/2" HCL-80 20.00 BK-HT 5,500'
DRILLING - SURFACE EQUIPMENT	
2-10	Casinghead(s)
2-12	Liner Hanger & Packer
2-14	Open Hole Packers and Sleeves
2-16	Miscellaneous
2-18	Flowline & Valves
TOTAL TANGIBLE DRILLING COSTS:	
INTANGIBLE COMPLETION COSTS:	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
\$417,500	\$0	\$0	\$0	\$0	
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL

LEASEHOLD OWNERS	Royalty Owner	Overriding Royalty Owners	Comments
<p>Longfellow LH, LLC</p> <p>JR Oil, Ltd. PO BOX 53657 Lubbock, TX 79453 now held by related entity Colt Energy, LLC at same address and with same vice-president</p>			<p>Initial Well Proposal sent Certified Mail on August 1, 2025 Delivered on August 5th, 2025 Spoke with representative from company on August 5th. Email correspondence on August 6th related to Leasehold Title. Followed up December 4th on the Well Proposals with Title Opinion Excerpt related to this interest, no election has been received, but representative indicated management was reviewing</p>
<p>BP America Production Company **&*** 501 Westlake Park Blvd. Houston, TX 77079</p>			<p>Initial Well Proposal sent Certified Mail on August 1, 2025 Delivered on August 5th, 2025 Received email from Land Representative on September 8th, 2025 confirming receipt of the Well Proposals. Also requested additional information on Leasehold Title. Responded back with information and documents related to Leasehold Title into BP on September 8th, 2025 Followed up December 4th on the Well Proposals with Title Opinion Excerpt related to this interest. On December 9th, 2025 sent a form of JOA for Land Representative to review. On December 17th, 2025 BP's landman reached out via email to inform Longfellow that through title review of Purchase and Sales Agreements between BP and Apache Corp. It was their belief that the Leasehold should have been conveyed to Apache, although this interest was not directly referenced in the Assignment.</p>
<p>Apache Corporation **&*** 2000 W Sam Houston Pkwy S, Suite 200, Houston, Texas 77042</p>			<p>Emailed Apache on December 17th, 2025 after being made aware of the possible ownership Notices of Application for CPO went out on December 18th, 2025</p>
<p>Hilcorp Energy 1, L.P. **&*** 1111 Travis St, Houston, TX 77002</p>			<p>On December 18th, 2025, called and discussed the well proposal with Hilcorp Energy1, L.P. as successor to Apache Corp. Sent Well Proposals via email to their Landman. Notice of Application for CPO sent out on December 18th, 2025</p>
<p>OXY USA WTP Limited Partnership*** 5 E Greenway Plaza Houston, TX 77046</p>			<p>Initial Well Proposal sent Certified Mail on August 1, 2025 Delivered on August 4th, 2025 Emailed Well Proposals on 8/01/2025 with WI & NRI, upon request sent over draft JOA for Review. Phone calls occurred after the initial well proposals to discuss timing of drilling and possible carry structure or assignment.</p>
<p>XTO Holdings, LLC*** ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425</p>			<p>Initial Well Proposal sent Certified Mail on August 1, 2025 Delivered on August 5th, 2025 Received email from Land Representative on August 19th, 2025 requesting Working Interest and Net Revenue Interest credited to XTO in the Use. Response the same day with the requested interest calculations. Longfellow discussed with XTO different options related to this interest, the result was an offer to purchase delivered to XTO on October 16th, 2025. Both parties remain in discussions.</p> <p>Oct 15-16, 2025 - Term Assignment Offer Oct 28, 2025 - LFE Contacts XTO Regarding Lease Expiration Oct 29, 2025 - Phone Call Regarding Lease Expirations January 6, 2026 - XTO Withdraws Protest February 3, 2026 - In-Person Meeting Februray 4, 2026 - Exxon Notifies LFE of Intent to Re-file Protest February 6, 2026 - LFE submits Formal Written Proposals February 13, 2026 - Phone Call with ExxonMobil February 16, 2026 - Acreage Trade Proposal</p>
	<p>United States of America 301 Dinosaur Trail Santa Fe, NM 87508</p>		<p>Notice of Application for Compulsory Pooling Order Sent out December 15, 2025</p>

		R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, Texas 75283-0308	Notice of Application for Compulsory Pooling Order Sent out December 15, 2025
		John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees P.O. Box 830308 Dallas, Texas 75283-0308	Notice of Application for Compulsory Pooling Order Sent out December 15, 2025
		Fullerton Oil & Gas Corporation 380 E. Green St. Pasadena, CA 91105	Notice of Application for Compulsory Pooling Order Sent out December 15, 2025

** Longfellow's Division Order Title Opinion for the proposed spacing unit in this matter indicated that BP Production Company ("BP") has 8.33% Working Interest in the proposed unit ("BP Interest"). In communicating with BP about this interest, Longfellow was informed by BP that the BP Interest was sold to Apache Corporation. Upon information and belief, the BP Interest was subsequently sold by Apache to Hilcorp Energy 1, L.P. ("Hilcorp"). Neither sale is currently reflected in record chain of title. Longfellow is working with BP, Apache, and Hilcorp to clarify the current ownership of the BP Interest. Upon resolution, Longfellow will attribute the BP Interest to the current owner. All parties have been provided notice of this proceeding.

*** Subsequent to well proposals being delivered and the running of the notice period required for this application, ExxonMobil Corp. through its affiliated entity XTO Holdings, LLC (collectively "Exxon"), notified Longfellow Energy, LP ("Longfellow") of a previously executed, but unrecorded reassignment of leasehold interest dated November 1, 2010 and recorded January 27, 2026, between OXY USA WTP Limited Partnership, as Assignor, and Exxon Mobil Corporation, as Assignee, covering OXY's interest in Unit Tract 2. Longfellow has reviewed the terms and provisions of the original Term Assignment dated January 5, 2004 between OXY USA WTP, LP and Exxon and acknowledges that a reassignment of the Leasehold Interest may be requested by Exxon at Exxon's sole option. Additionally, Longfellow has been informed by Exxon that reassignments of the remaining leasehold interests in Tract 2 have been requested from Hilcorp Energy 1, LP and Colt Energy, LLC (successor in interest to JR Oil, Ltd.), but signed reassignments to Exxon from those two parties have neither been delivered to Longfellow nor recorded in the available Eddy County records. Longfellow will attribute Tract 2 interests as reflected in the county records when the respective parties have recorded the necessary reassignments.

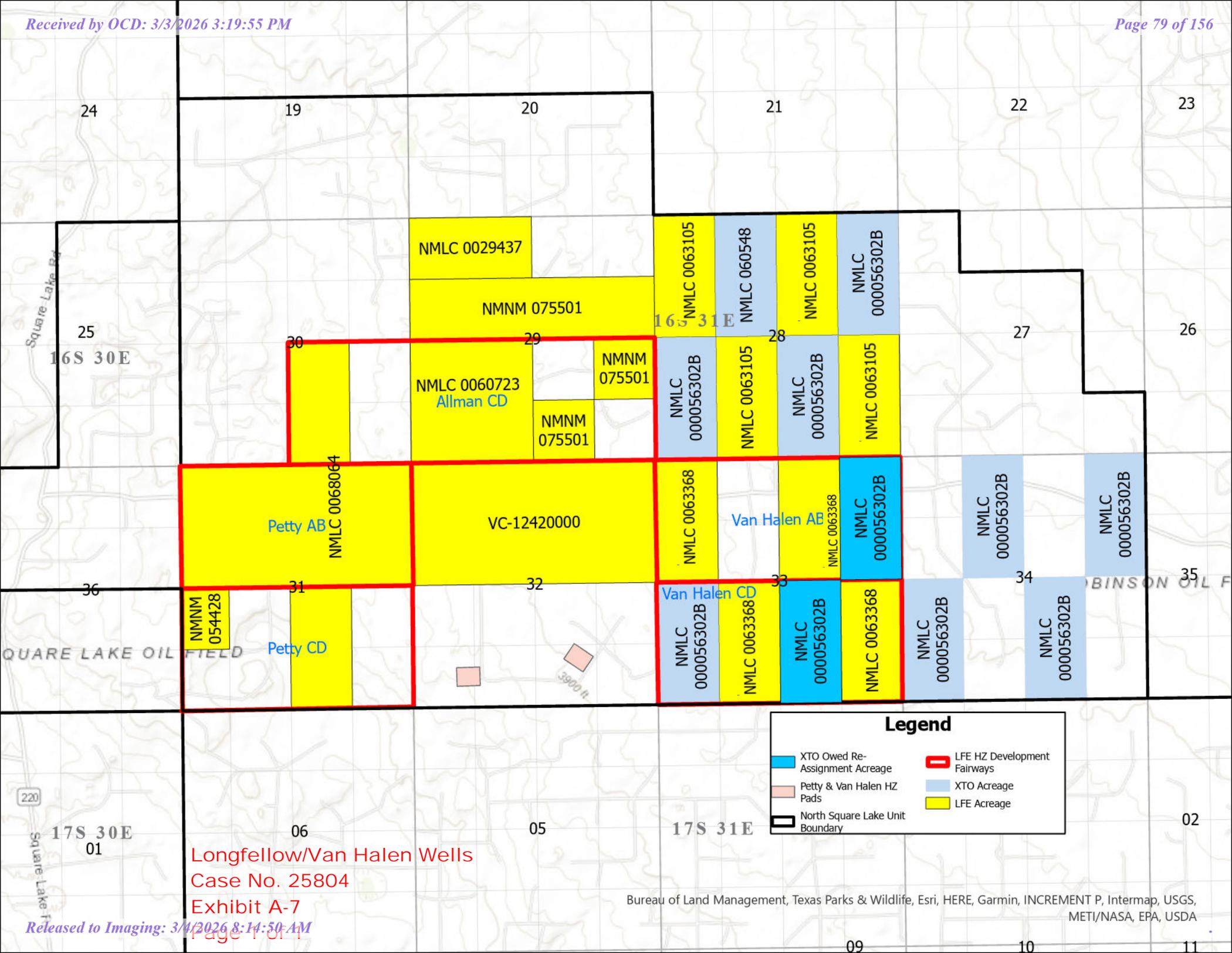
COMMITMENT STATUS OF INTEREST OWNERS

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 #)
Colt Energy, LLC, successor related entity to JR Oil, Ltd. (WIO)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/19/25. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit D-4
BP America Production Company (WIO) **	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/20/25. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit D-4
Apache Corporation (WIO) **	Uncommitted	n/a	Certified mail, Mailed 12/18/25, Delivered 12/22/25. Exhibits D-1, D-2, and D-3
Hilcorp Energy 1, L.P. (WIO) **	Uncommitted	n/a	Certified mail, Mailed 12/18/25, Not Delivered. Exhibits D-1, D-2, and D-3 Actual notice by email 12/29/25. Exhibits D and D-5
OXY USA WTP Limited Partnership (WIO)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/22/25. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit D-4
XTO Holdings, LLC (WIO)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/22/25. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit D-4

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 #)
R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee (ORRI)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/22/25. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit No. D-4
John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees (ORRI)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/22/25. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit No. D-4
Fullerton Oil & Gas Corporation (ORRI)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Not Delivered. Exhibits D-1, D-2, and D-3 Published 12/18/25. Exhibit No. D-4

** Longfellow's Division Order Title Opinion for the proposed spacing unit in this matter indicated that BP Production Company ("BP") has 8.33% Working Interest in the proposed unit ("BP Interest"). In communicating with BP about this interest, Longfellow was informed by BP that the BP Interest was sold to Apache Corporation. Upon information and belief, the BP Interest was subsequently sold by Apache to Hilcorp Energy 1, L.P. ("Hilcorp"). Neither sale is currently reflected in record chain of title. Longfellow is working with BP, Apache, and Hilcorp to clarify the current ownership of the BP Interest. Upon resolution, Longfellow will attribute the BP Interest to the current owner. All parties have been provided notice of this proceeding.



Square Lake Rd

Square Lake Rd

Released to Imaging: 3/4/2026 8:14:50 AM

Longfellow/Van Halen Wells
 Case No. 25804
 Exhibit A-7
 Page 1 of 1

Legend

- XTO Owed Re-Assignment Acreage
- Petty & Van Halen HZ Pads
- North Square Lake Unit Boundary
- LFE HZ Development Fairways
- XTO Acreage
- LFE Acreage

NMLC 0029437

NMNM 075501

NMLC 0063105

NMLC 060548

NMLC 0063105

NMLC 000056302B

NMLC 0060723
Allman CD

NMNM 075501

NMLC 000056302B

NMLC 0063105

NMLC 000056302B

NMLC 0063105

Petty AB

NMLC 0068064

VC-12420000

NMLC 0063368

Van Halen AB

NMLC 000056302B

NMLC 000056302B

NMLC 000056302B

NMNM 054428

Petty CD

NMLC 000056302B

NMLC 0063368

NMLC 000056302B

NMLC 0063368

NMLC 000056302B

NMLC 000056302B

NMLC 000056302B

NMLC 000056302B

3900 ft

17S 30E 01

06

05

17S 31E

02

09

10

11

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. 25804

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 horizontal spacing units (“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 W to E in the Van Halen 33CD unit. 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 Van Halen 33CD unit 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 HSU.

9. **Exhibit B-5** is a gross isopach map showing the gross Yeso thickness in the Van Halen 33CD unit project area. The Yeso thickness is between 1200' and 1400' thick in adjacent sections to the Van Halen 33CD unit.

10. **Exhibit B-6** is a gross isopach map showing development of 3 Yeso Benches: Paddock, Upper Blinebry, and Lower Blinebry in the Van Halen 33CD unit project area.

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

WELL	MD	TVD
Van Halen 33CD Fed Com 001H	10,885'	5,202'
Van Halen 33CD Fed Com 002H	11,782'	6,129'
Van Halen 33CD Fed Com 003H	11,239'	5,547'
Van Halen 33CD Fed Com 004H	11,796'	6,143'
Van Halen 33CD Fed Com 005H	10,960'	5,202'
Van Halen 33CD Fed Com 006H	11,215'	5,541'

Van Halen 33CD Fed Com 007H	10,918'	5,191'
Van Halen 33CD Fed Com 008H	11,849'	6,139'

12. Based on my geologic study of the area, I conclude the following:
 - a. The horizontal spacing and proration units 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 Yeso HSUs will contribute more or less equally to production.
 - d. The planned W-E well orientation is consistent with horizontal development along the Yeso Trend.

13. The exhibits to this testimony were prepared by me or compiled from LFE's business records.

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

15. 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.



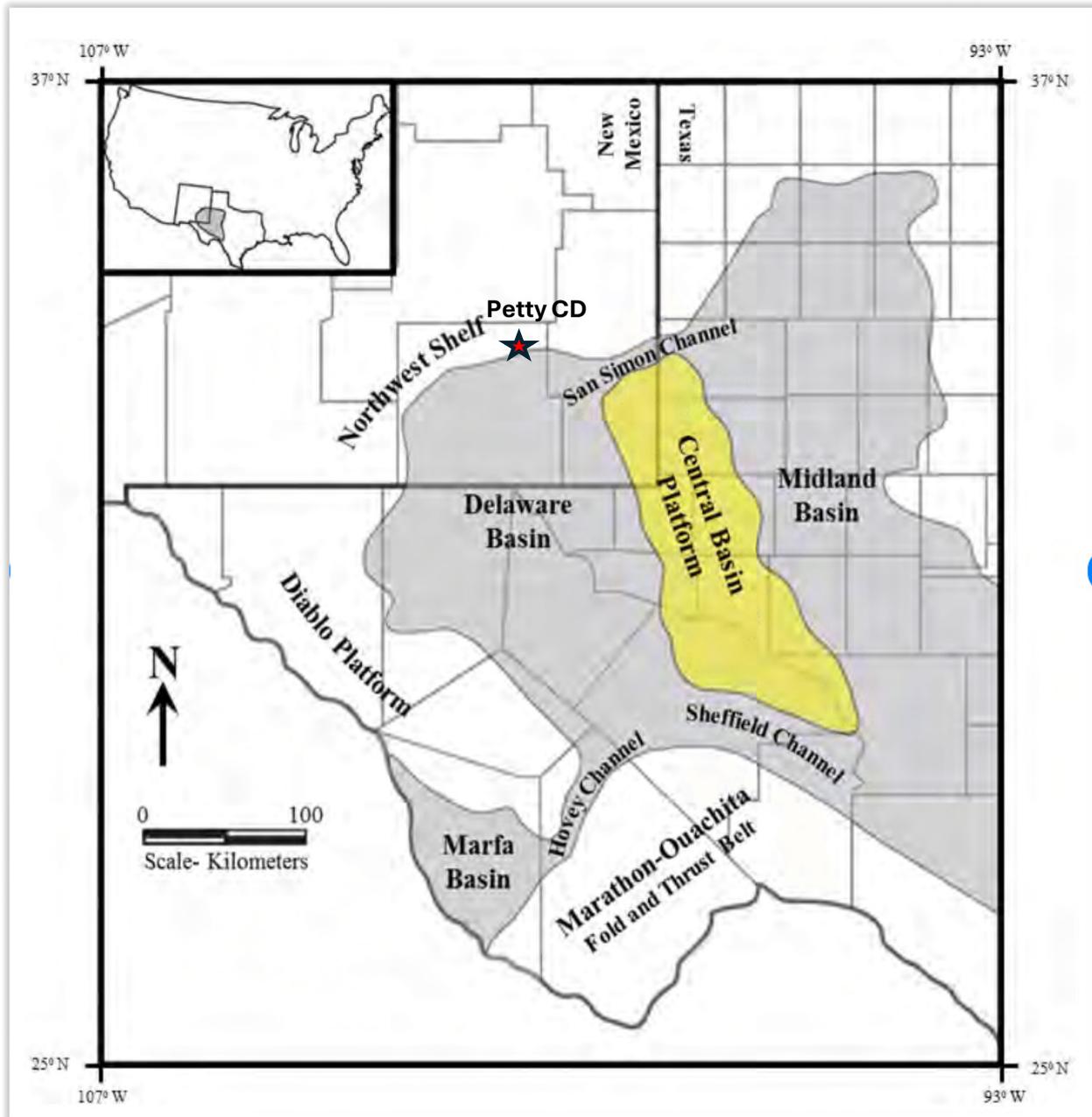
Jacob S. DeHamer

2.19.26

Date

**Longfellow Case No. 25804
Van Halen 33CD Unit
Exhibit B-1**

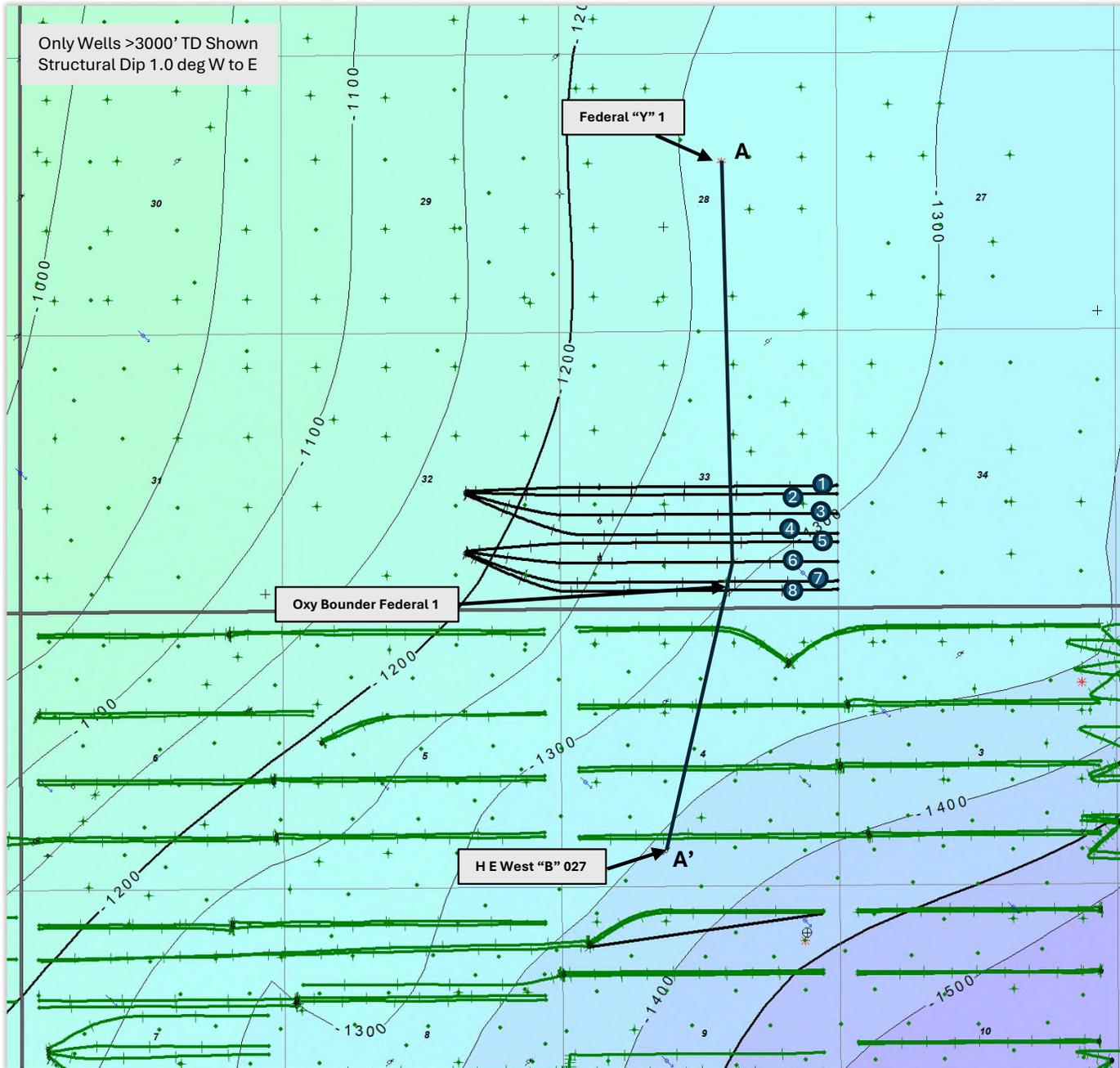
Geologic Setting



Top Yeso Structure Map TVDSS

CI 50'

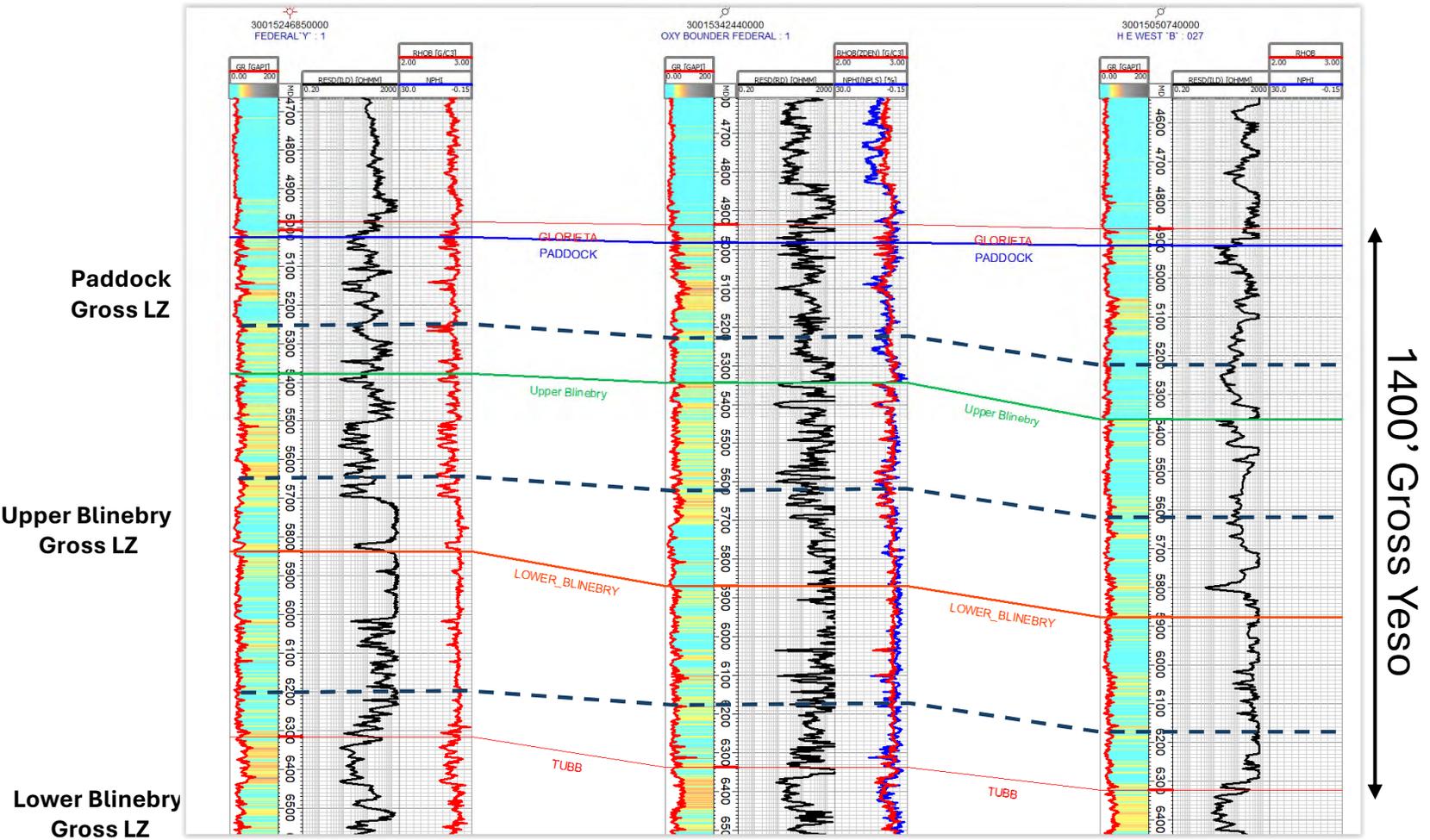
Longfellow Case No. 25804
Van Halen 33CD Unit
Exhibit B-2



- ① Van Halen 33CD Fed Com 001H
- ② Van Halen 33CD Fed Com 002H
- ③ Van Halen 33CD Fed Com 003H
- ④ Van Halen 33CD Fed Com 004H
- ⑤ Van Halen 33CD Fed Com 005H
- ⑥ Van Halen 33CD Fed Com 006H
- ⑦ Van Halen 33CD Fed Com 007H
- ⑧ Van Halen 33CD Fed Com 008H

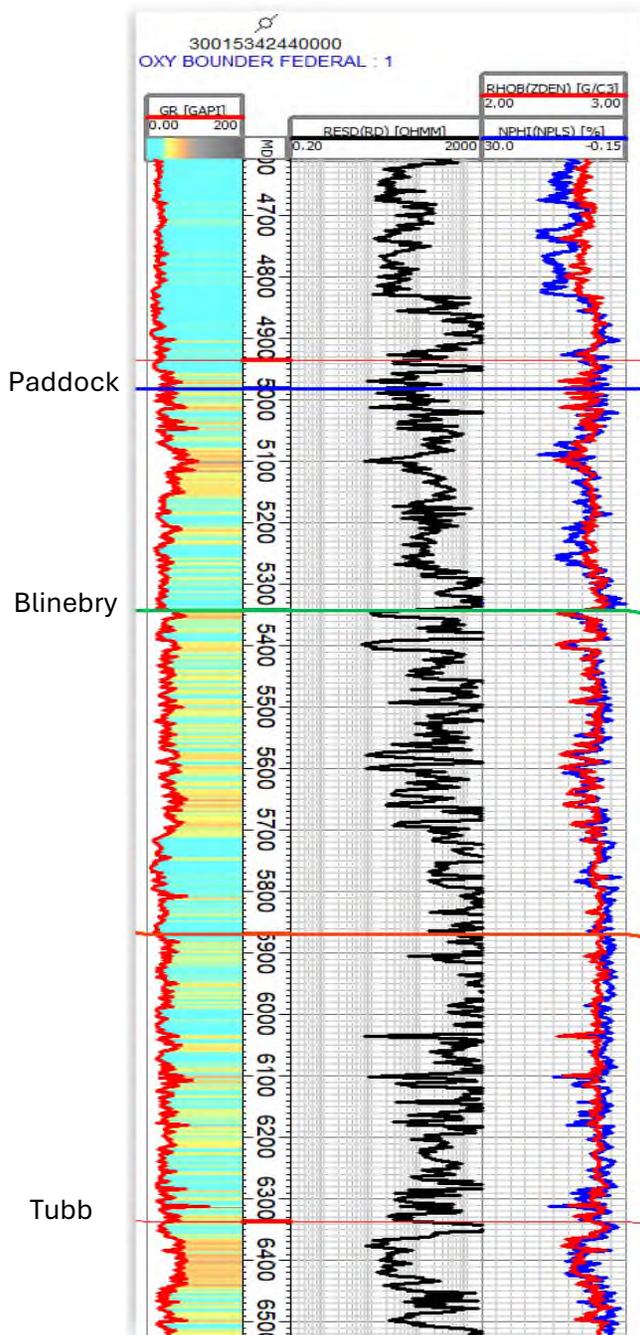
Longfellow Case No. 25804
Van Halen 33CD Unit
Exhibit B-3

Yeso Cross Section A-A'

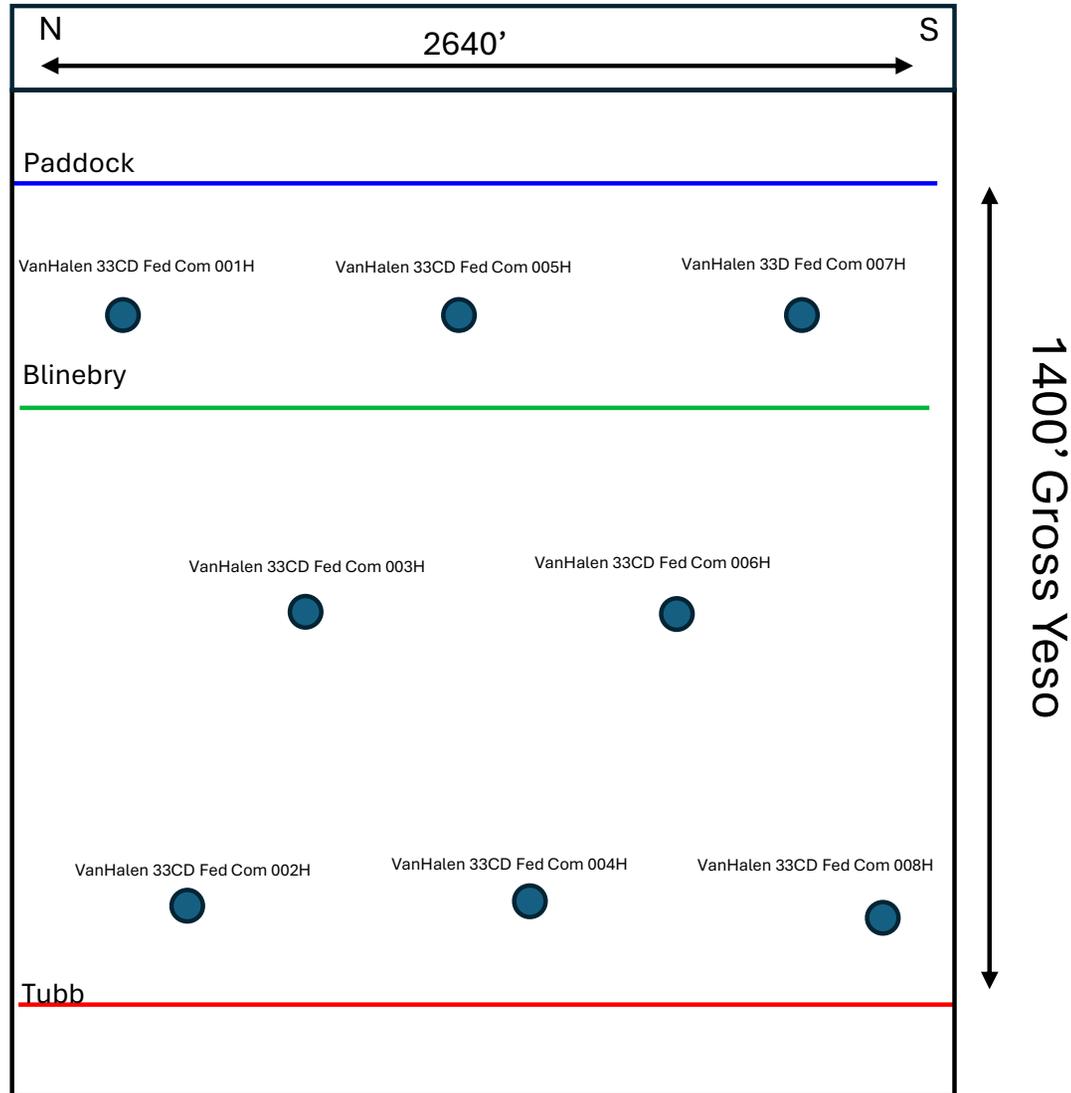


Longfellow Case No. 25804
Van Halen 33CD Unit
Exhibit B-4

Van Halen 33CD Fed Com Gun Barrel

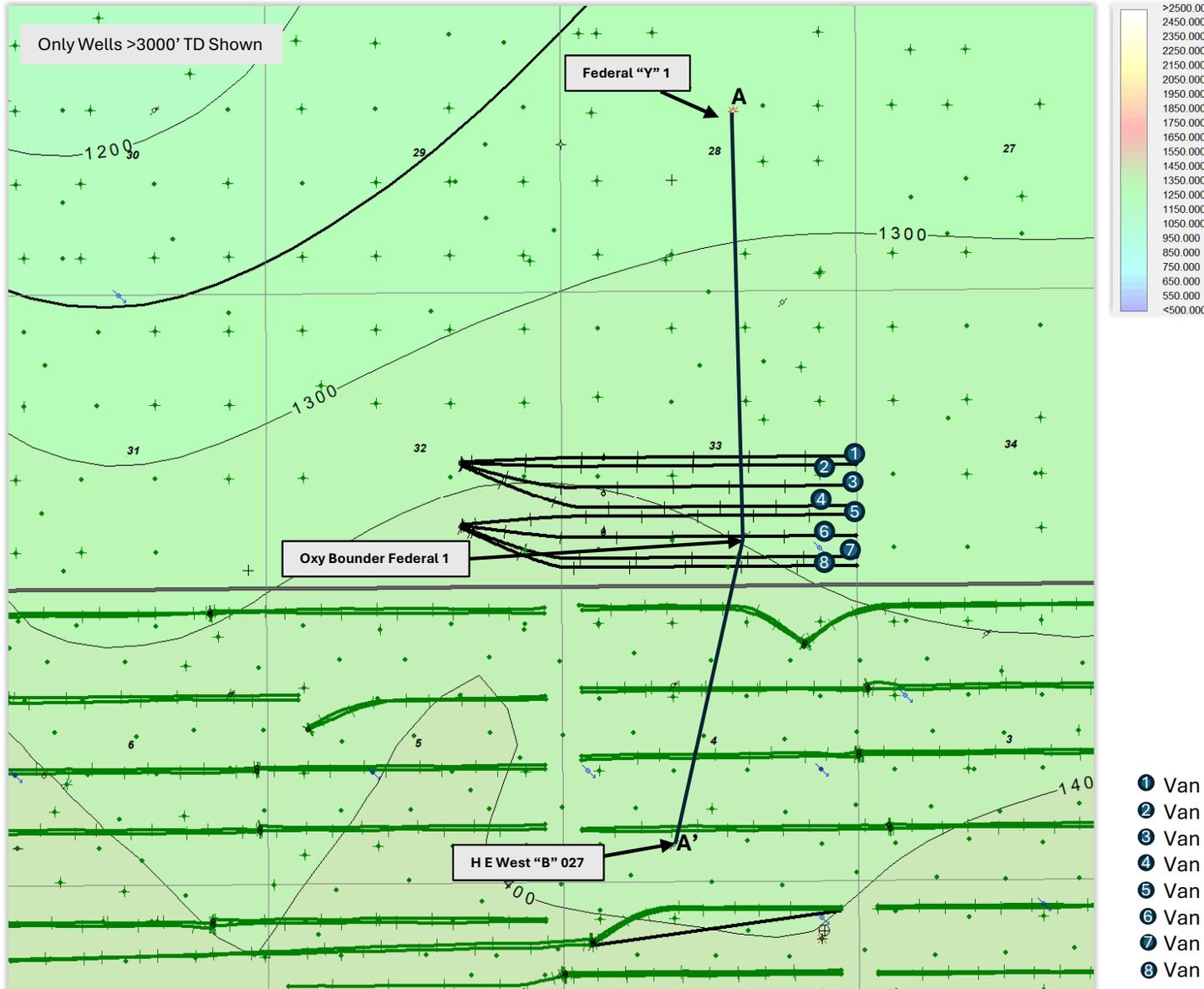


Van Halen 33CD Fed Com. Wells will be drilled West to East.



Longfellow Case No. 25804 Van Halen 33D Unit Exhibit B-5

Yeso Gross Isopach Map CI 50'



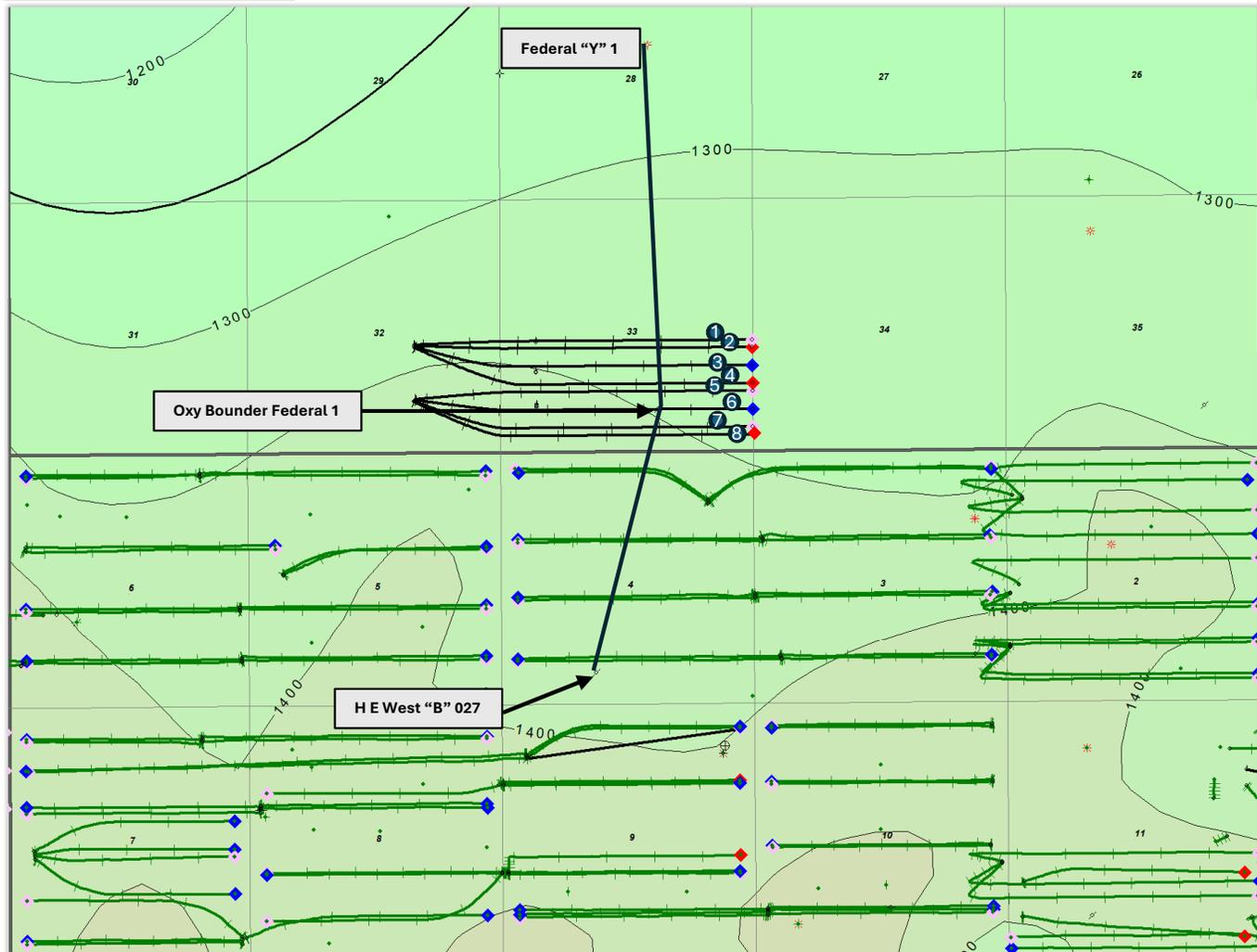
- 1 Van Halen 33CD Fed Com 001H
- 2 Van Halen 33CD Fed Com 002H
- 3 Van Halen 33CD Fed Com 003H
- 4 Van Halen 33CD Fed Com 004H
- 5 Van Halen 33CD Fed Com 005H
- 6 Van Halen 33CD Fed Com 006H
- 7 Van Halen 33CD Fed Com 007H
- 8 Van Halen 33CD Fed Com 008H

Longfellow Case No. 25804
Van Halen 33D Unit
Exhibit B-6

Yeso Isopach with Landing Zones

CI 50'

Only Wells >3000' TD Shown



- ◆ Paddock LZ
- ◆ Upper Blinebry LZ
- ◆ Lower Blinebry LZ

- ① Van Halen 33CD Fed Com 001H
- ② Van Halen 33CD Fed Com 002H
- ③ Van Halen 33CD Fed Com 003H
- ④ Van Halen 33CD Fed Com 004H
- ⑤ Van Halen 33CD Fed Com 005H
- ⑥ Van Halen 33CD Fed Com 006H
- ⑦ Van Halen 33CD Fed Com 007H
- ⑧ Van Halen 33CD Fed Com 008H

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**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. 25804

SELF-AFFIRMED STATEMENT OF ENGINEER DAVID MITCHELL

I. IDENTITY AND QUALIFICATIONS

I do hereby state and affirm the following:

1. My name is David Mitchell. I am over the age of eighteen (18) years, of sound mind, and competent to make this Statement.

2. I am employed by Longfellow Energy, LP “LFE” or “Longfellow”) as Vice President – Engineering. I have held this position since 2017. In this capacity, I am responsible for overseeing all engineering and operations, including reservoir engineering, drilling and completion design, well performance analysis, AFE preparation, production forecasting, and development planning for LFE's operations in southeastern New Mexico.

3. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum engineering matters. My credentials as a petroleum engineer have been accepted by the Division and made a matter of record previously. My education and work experience are as follows: I obtained a BASC (Engineering) from The University of British Columbia (Canada) in 2007. I have been working in the oil and gas industry since 2005 in various engineering capacities—approximately twenty-one (21) years. I have been working for Longfellow as VP Engineering since 2017 and have been working on New Mexico oil and gas matters for approximately eight (8) years.

4. As VP Engineering with LFE, I am familiar with the above-referenced application and with LFE's well performance track record, the comparative efficiency of horizontal versus vertical development of the Yeso formation, environmental surface constraints, and the economic impact of delaying development.

II. LONGFELLOW'S WELL PERFORMANCE AND OPERATIONAL CAPABILITY

5. LFE has a demonstrated track record of superior well performance in the Northern Delaware Basin in Eddy County, New Mexico. Based on my analysis of data sourced from Enverus, LFE operates **eight (8) of the top fifty (50) wells** in Eddy County on an Estimated Ultimate Recovery ("EUR") per lateral foot basis among all wells drilled since 2021. *See* Exhibit C-1, attached hereto.

6. Specifically, LFE's top-performing wells include wells on the **Marley Pad** and the **Bonzo Pad**, which rank among the highest oil productivity wells (measured in barrels per lateral foot) in the Northern Delaware Basin. LFE's **Elvis** well also ranks within the top 50.

7. LFE's completion designs utilize the **highest fluid loading stimulations in the play**, which results in a higher completion cost per well compared to some offset operators. However, this completion strategy has been validated by results: LFE's completions achieve some of the **highest reserves per lateral foot in Eddy County**. The higher upfront completion cost is a deliberate engineering choice that delivers superior well economics over the life of the well.

8. LFE's track record demonstrates that it is a capable, experienced, and technically proficient operator with the engineering expertise to efficiently develop the Yeso formation in the proposed HSU.

III. REASONABLENESS OF ESTIMATED WELL COSTS

9. It is my understanding that XTO has raised concerns that the Estimated Well Costs ('EWC') set forth in LFE's AFEs are unreasonable. I have reviewed the AFEs in detail, *see* Exhibit A-4; and based on my engineering expertise and knowledge of current drilling and completion costs in Eddy County, the EWC for each Van Halen well is fair, reasonable, and reflective of the actual costs expected to be incurred.

10. The Original AFE for the Van Halen 33CD Fed Com 005H well, which is representative of the eight proposed wells, is a one-mile horizontal well targeting the Yeso formation (Paddock and Blinebry formations) at an estimated TVD of approximately 5,097 feet and a proposed MD of approximately 10,900 feet. *See* Exhibit C-3. The AFE is dated 08/01//2025 and is summarized as follows:

Category	
Total Intangible Drilling Costs	\$1,442,133.00
Total Tangible Drilling Costs	\$417,500.00
Total Drilling Costs	\$1,859,633.00

Category	
Total Intangible Completion Costs	\$3,270,750.00
Total Tangible Completion Costs	\$261,000.00
Total Completion Cost	\$3,531,750.00

TOTAL COMPLETED WELL COSTS: \$6,096,876

11. The total AFE of approximately **\$6.1 million for the 005H** includes all costs for drilling, completion (hydraulic fracturing), facilities/battery, and gas pipeline infrastructure on a pad development basis. Key cost drivers include:

- a. **Drilling costs (~\$1.86M):** 7 days of contract daywork drilling at \$18,500/day, directional tools and supervision, casing program (13-3/8" J-55 surface at 550 ft, 9-5/8" J-55 intermediate at 1,500 ft, 7" HCL-80 production at 5,600 ft, and 5-1/2" HCL-80 liner at 5,300 ft), cementing, and associated services;
- b. **Completion costs (~\$3.53M):** 25-stage hydraulic fracturing at 75 barrels per foot and 135 BPM utilizing self-oriented perforating at \$4,500/stage, completion rig operations (7 days at \$3,200/day), water transfer and hauling (fresh water at \$0.95/bbl), pressure control equipment, and drill-out and ESP installation;
- c. **Facilities/battery costs (~\$0.71M):** Production facility construction including separation equipment (KO, heater treater, gas scrubber, flare KO), ESP, switchgear/PLC, LACT unit, automation equipment (slam valves, controls, recirculation pump), water tanks (2), oil tanks (2), containment, VRU, and water transfer pumps (2);

12. The Updated AFE for the Van Halen 33CD Fed Com 005H well, which is representative of the phased development whereby Longfellow plans to drill a single horizontal well in the initial development phase followed by the remaining 7-wells associated with the pooling order following the installation of a produced water recycling and storage facility and a frac water transfer system. The AFE is for a one-mile horizontal well targeting the Yeso formation (Paddock and Blinebry formations) at an estimated TVD of approximately 5,097 feet and a proposed MD of approximately 10,900 feet. See Exhibit C-3. The AFE is dated February 5, 2026 and is summarized as follows:

Category	
Total Intangible Drilling Costs	\$1,784,800.00
Total Tangible Drilling Costs	\$461,100.00
Total Drilling Costs	\$2,245,900.00

Category	
Total Intangible Completion Costs	\$3,836,000.00
Total Tangible Completion Costs	\$1,487,760.00
Total Completion Cost	\$5,323,760.00

TOTAL COMPLETED WELL COSTS: \$7,569,900.00

13. The total AFE of approximately **\$7.57 million for the 005H** includes all costs for drilling, completion (hydraulic fracturing), facilities/battery, and gas pipeline infrastructure on a pad development basis. Key cost drivers include:

- d. **Drilling costs (~\$2.25M):** 8 days of contract daywork drilling at \$18,500/day, directional tools and supervision, casing program (13-3/8" J-55 surface at 550 ft, 9-5/8" J-55 intermediate at 1,500 ft, 7" HCL-80 production at 5,600 ft, and 5-1/2" HCL-80 liner at 5,300 ft), cementing, and associated services;
- e. **Completion costs (~\$2.90M):** 25-stage hydraulic fracturing at 75 barrels per foot and 135 BPM utilizing self-oriented perforating at \$4,500/stage, completion rig operations (7 days at \$3,200/day), water transfer and hauling (fresh water at \$0.95/bbl), pressure control equipment, and drill-out and ESP installation;
- f. **Facilities/battery costs (~\$1.53M):** Production facility construction including separation equipment (KO, heater treater, gas scrubber, flare KO), ESP, switchgear/PLC, LACT unit, automation equipment (slam valves, controls, recirculation pump), water tanks (2), oil tanks (2), containment, VRU, and water transfer pumps (2);

14. **Gas pipeline costs (~\$0.90M):** Flowline, 3-mile gas sales pipeline (VFD split), roustabout crews for facility construction and gas pipeline construction, and gas/oil/water meters. The AFE costs for the subsequent 7-wells associated with Longfellow's phase 2 wells under the pooling order are estimated at ~\$5.1M, approximately ~\$1.0M lower than the Original AFE of \$6.1M. This is due to the fact that share costs associated with the pad construction, business lease, and production facility will have been completed within the Updated phase 1 single-well AFE.

15. The completion costs reflect LFE's deliberate use of the highest fluid loading stimulations in the play (75 barrels per foot). While this results in a higher completion cost compared to some offset operators, this completion strategy has been validated by results: LFE's completions achieve some of the highest reserves per lateral foot in Eddy County. The higher upfront completion cost is a deliberate engineering choice that delivers superior well economics over the life of the well.

16. The AFE also includes costs for infrastructure necessary to support production operations, including the gas sales pipeline, produced water handling, and electrical services. These are legitimate and necessary costs for the development and operation of the wells.

17. XTO has not presented any competing AFE, cost estimate, engineering analysis, or testimony from a qualified engineer to support its position that the EWC is unreasonable. Based on my review, the AFE is consistent with or below the costs of comparable one-mile horizontal Yeso wells drilled in Eddy County.

IV. DEVELOPMENT PLAN

18. Due to leasehold expiration timing and current commodity price conditions, LFE has designed a staged development plan to efficiently develop the HSU over an approximately one-year period. The plan consists of two phases: the Appraisal Phase and the Development Phase. See Exhibit C-2.

17. **Appraisal Phase (2026):** The Appraisal Phase is designed to establish production on the HSU before the approximately July 2026 lease expiration and will include drilling and completion of the initial well (5H), which will be put on production in 2026 to hold the leasehold for both LFE and XTO. The Appraisal Phase includes the following activities and estimated costs:

Item	Target Date	Est. Cost (M\$)
Pad Construction	April 1, 2026	\$559
Production Facility	May 1, 2026	\$1,525
Initial Well (D&C)	June 1, 2026	\$5,142
Gas Sales Pipeline	May 1, 2026	\$901
Produced Water Pipeline	May 1, 2026	\$600 (*)
Water Disposal Trunkline	May 1, 2026	\$1,800 (*)
Infield Gathering Line	May 1, 2026	\$900 (*)
Appraisal Phase Total		\$11,427

The costs represented by (*) indicate area project infrastructure designed to support multiple pads and wells for development and are not represented in the well proposal AFE as they will be borne by Longfellow.

18. **Development Phase (2027):** The Development Phase will follow, during which LFE will build out the full infrastructure and drill and complete the remaining seven wells:

Item	Target Date	Est. Cost (M\$)
Frac Water Storage & Recycling Facility	November 1, 2026	\$3,800
Produced Water Transfer Pipeline	November 1, 2026	\$1,750
Electrical Power Connection	December 1, 2026	\$500
Development of Remaining 7 Unit Wells	February 1, 2027	\$37,794
Development Phase Total		\$43,844

19. The total estimated capital investment for the full development of the HSU is approximately **\$55 million** (\$11.4MM Appraisal Phase + \$43.8MM Development Phase). LFE intends to drill and complete all eight wells within the timeframe of the pooling order.

V. DRILLING PERMITS AND READINESS

20. LFE has been actively permitting the Van Halen project. As of the date of this Statement, LFE has submitted to the Bureau of Land Management eight (8) horizontal well applications for permits to drill in the HSU. *See* Exhibit C-4.

21. LFE's permitting activities, infrastructure planning, and capital commitments demonstrate that LFE is ready, willing, and able to commence drilling operations promptly upon issuance of a pooling order.

VI. HORIZONTAL VERSUS VERTICAL DEVELOPMENT – PREVENTION OF WASTE

22. I understand that XTO has raised concerns regarding its right to independently develop its acreage, and that one alternative under consideration is for a third-party operator (Mack Energy Corp.) to drill a vertical well on XTO's acreage within the HSU. Based on my engineering analysis, vertical development of the Yeso formation in this area would result in substantial waste of recoverable hydrocarbons compared to LFE's proposed horizontal development program.

23. I have conducted a detailed offset analysis comparing horizontal and vertical development of the Yeso formation in a nearby analogous area — specifically, the S/2 of Section 31 and the SW/4 of Section 32, T17S, R28E (the LFE Marley CD unit area). *See* Exhibit C-5. This analysis compares:

- a. **Horizontal development:** LFE's 6-well stacked horizontal development of the S/2 of Section 31 (Marley CD unit), with Paddock spaced at 6 wells per section, Upper Blinebry at 4 wells per section, and Lower Blinebry at 2 wells per section;

versus

- b. **Vertical development:** Offset vertical wells perforated from the Glorieta through Blinebry formations (the same producing formations targeted by the horizontal wells).

25. The results of this comparison are as follows:

Metric	Vertical	Horizontal
Date of First Production	November 1, 2013	October 1, 2024
Well Count	16	6
Acreage	160 Acres	320 Acres
OOIP Per Section (MSTB)	60,000	60,000
Estimated oil EUR (MBO)	734.825	4,471,822
Recovery Factor	4.9%	14.9%

24. This analysis demonstrates that horizontal development has the potential to achieve up to **three times (3x)** the recovery factor of vertical development in the same producing formations. Stated differently, vertical development would leave approximately **95% of the original oil in place** unrecovered, compared to approximately 85% for horizontal development. The incremental recovery from horizontal development — an additional 10% of OOIP — represents millions of barrels of recoverable oil that would be permanently wasted under a vertical development scenario.

25. Developing the Yeso formation vertically results in significant unrecovered reserves. Less oil is produced, and it is produced more slowly, resulting in waste to the royalty and tax bases of the State of New Mexico and the federal government.

VII. EFFICIENCY OF SURFACE USE

26. In addition to the subsurface waste described above, vertical development of the HSU would result in significantly greater surface disturbance compared to horizontal development. *See* Exhibit C-6.

27. Based on my analysis, assuming vertical wells drilled at 10-acre spacing (which is customary across the historic development of the Yeso play), the comparative surface impacts are as follows:

Development Strategy	Pads	Acres Per Pad	Total Surface Acres
Horizontal Development	2	6	12
Vertical Development	32	2	64
Incremental Surface Damages			533%

28. Vertical development would require approximately **five times (5x)** the surface acreage of horizontal development — 64 acres versus 12 acres — representing a 533% increase in surface disturbance. This incremental surface impact constitutes waste of the surface land resource and is a significant consideration given the environmental constraints present in Section 33, as described in Section VIII below.

VIII. EFFICIENCY OF SURFACE USE

29. Section 33, T16S, R31E contains large sand dunes that create habitat for the Desert Sage Brush Lizard (“DSL”), a species of conservation concern. The presence of DSL habitat creates significant surface access constraints that affect development planning in this area. *See* Exhibit C-7.

30. In Q1 2024, LFE engaged **CEHMM Conservation and Environmental Services** to conduct an environmental field study and identify suitable pad locations for surface use within

the area. The field verification conducted with the CEHMM group confirmed that **significant DSL habitat exists across Section 33.**

31. Based on the results of this investigation, LFE located its well pads to the **west of Section 33** for horizontal development, thereby avoiding the habitat of concern while still efficiently draining the subsurface of the entire S/2 of Section 33 through horizontal laterals.

32. Importantly, **XTO's acreage within the HSU was subsequently delineated as high DSL habitat**, which must be avoided for surface development purposes. This designation makes **vertical development on XTO's acreage particularly challenging**, as vertical wells would require surface locations directly on or adjacent to the high DSL habitat areas that must be avoided.

33. LFE's horizontal development plan addresses this environmental constraint by placing surface locations outside the DSL habitat area while accessing the subsurface resources beneath it. This is a significant advantage of horizontal development over vertical development in this specific area and further demonstrates why LFE's proposed development is the most efficient and least impactful approach to developing the HSU.

34. The following permitting and environmental approvals have been obtained or are in process for the Van Halen development:

- a. CEHMM-approved surface locations have been developed;
- b. BLM on-site inspections have been completed and approved for the development of the Van Halen unit;
- c. Business Lease applications have been filed with the NM Realty Group.

IX. ECONOMIC IMPACT OF DELAYING DEVELOPMENT

35. I have prepared an economic analysis comparing a "Develop Now" scenario against a "Delay Development" scenario to quantify the cost of delay to all stakeholders — including the

State of New Mexico, the federal government, royalty owners, and working interest owners. See Exhibit C-8.

36. The key assumptions underlying this analysis include estimated net revenue interest (“NRI”) oil production of 2,510 Mbbl and NRI gas production of 5,570 MMcf over the life of the wells, at a gross revenue interest of 87.50%.

37. The economic impact of delaying development is summarized as follows:

Metric	Develop Now (Present value (“PV”) 0)	Develop Now (PV10)	Delay (PV0)	Delay (PV10)	Delta PV0	Delta PV10
Total Royalties	\$17,402M	\$12,799M	\$15,213M	\$8,923M	(\$2,189M)	(\$3.876M)
Total Production Tax	\$8,699M	\$6,405M	\$7,614M	\$4,471M	(\$1,085M)	(\$1,934M)
Total Royalties + Tax	\$26,101M	\$19,204M	\$22,827M	\$13,394M	(\$3,274M)	(\$5,810M)

38. Failure to approve and establish the unit now will result in an approximately **\$3.3 million undiscounted loss** (approximately **\$5.8 million on a PV10 basis**) of royalty and tax revenue to the State of New Mexico and the federal government.

39. This economic harm is compounded by the following factors:

- a. **Leasehold expiration is imminent** due to the cessation of production at the North Square Lake Unit;
- b. **Area development could be permanently impeded** by the Chapter 7 bankruptcy of the shallow unit operator (Acacia Operating LLC);
- c. **BLM leases will not be re-leased** until resolution of the bankruptcy, which is estimated to occur no earlier than approximately **2029**;
- d. If the leases expire and cannot be re-leased until 2029, the hydrocarbons underlying the HSU will remain undeveloped for years, with continued loss of royalty revenue, production tax revenue, and economic activity.

40. The cost of delay falls not only on the working interest owners but on the royalty owners, the State of New Mexico, the federal government (as BLM lessor), and the public. Prompt approval of the pooling order is necessary to avoid these losses.

41. In my opinion as a petroleum engineer, approval of the HSU and pooling of all mineral interest owners therein will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

42. The exhibits referenced herein were prepared by me or under my direct supervision using LFE's engineering data, third-party data from Enverus, and field studies conducted by CEHMM Conservation and Environmental Services.

43. 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.



David Mitchell

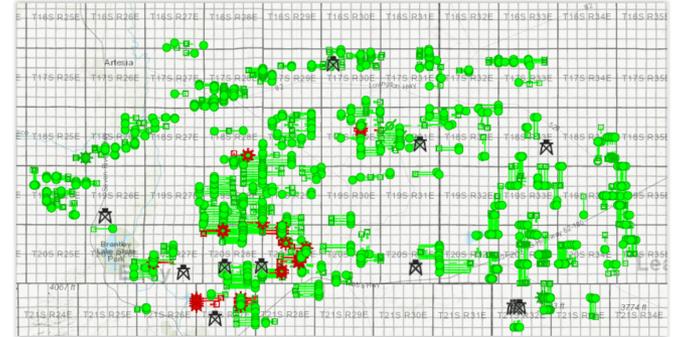
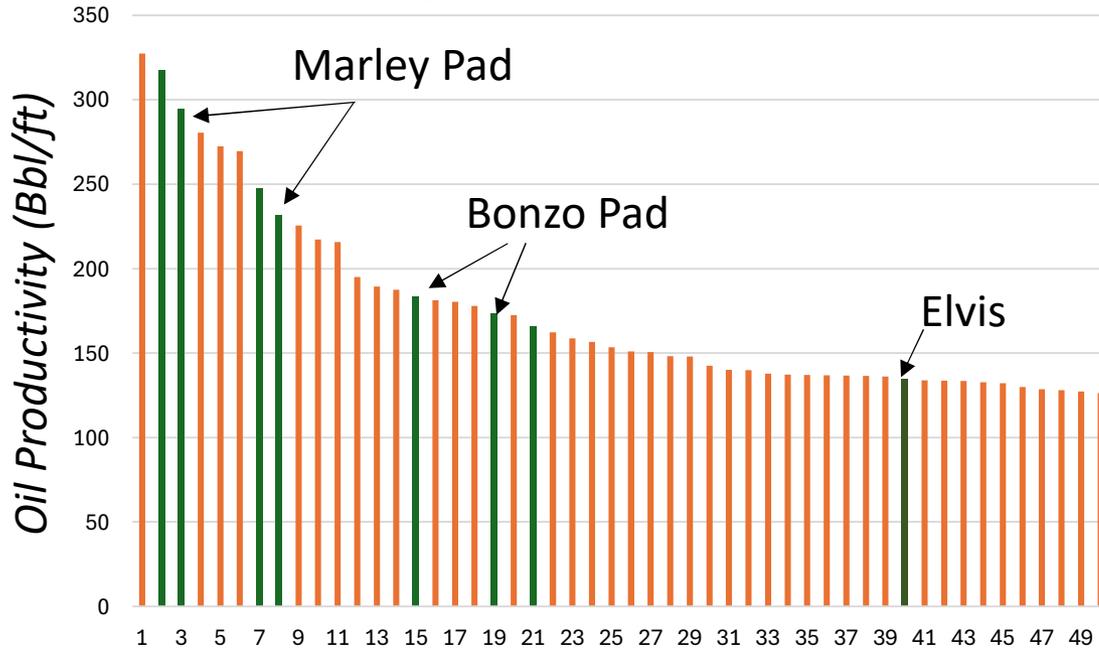
2/19/2026

Date

Longfellow Well Performance

Longfellow Has 8 of the Top 50 Wells in Eddy County on EUR per Foot Comparison

Top 50 N. Delaware Basin Wells since 2021
Longfellow Wells in Green



Longfellow/Van Halen Wells Case
No. 25804
Exhibit C-1
Page 1 of 1

*EURs & Lateral Lengths sourced from Enverus

Development Plan

Due to Leasehold Expirations and Low Commodity Prices, Staged Development Planned

Appraisal Phases

- Due to leasehold expiration timing, and lower commodity prices, Longfellow intends to develop the unit over a 1-year period
- Initial wells will be drilled and put on production in 2026
- Longfellow intends to build out a produced water recycling, frac water storage, water distribution system capable of supporting full development on the area in early Q4 2026 – Q1 2027
- Longfellow intends to drill and complete all 8-wells within the time-frame of the pooling order

Appraisal Phase	2026	Date	M\$	
	1 Pad (incl. Expedited Business Lease)	4/1/2026	\$ 559	Included in proposed AFE
	2 Production Facility	5/1/2026	\$ 1,525	Included in proposed AFE
	3 Initial Well	6/1/2026	\$ 5,142	Included in proposed AFE
	4 Gas Sales Pipeline	5/1/2026	\$ 901	Included in proposed AFE
	5 Produced Water Pipeline	5/1/2026	\$ 600	Longfellow project to support area development
	6 Water Disposal Trunkline	5/1/2026	\$ 1,800	Longfellow project to support area development
	7 Infield Gathering Line	5/1/2026	\$ 900	Longfellow project to support area development
	8 Put On-stream	7/1/2026	\$ -	
			\$ 11,427	
Development Phase	2027	Date	M\$	
	1 Frac Water Storage & Recycling Facility	11/1/2026	\$ 3,800	Longfellow project to support area development
	2 Produced Water Transfer PPL	11/1/2026	\$ 1,750	Longfellow project to support area development
	3 Electrical power connection	12/1/2026	\$ 500	Longfellow project to support area development
	4 Development of Remaining 7 Unit Wells	2/1/2027	\$ 37,794	Follow-on development wells from Pooling
			\$ 43,844	

Longfellow/Van Halen Wells

Case No. 25804

Exhibit C-2

Page 1 of 1

AFE Reconciliation

Original vs Updated AFE Reconciling 1 vs 8 Well Initial Development Phase

1-Mile Stimulated Lateral Length

4-Well Pad Development

Van Halen 33CD 005H AFE	DRILLING	COMPLETION	FAC-BAT	Total
TOTAL INTANGIBLE DRILLING COSTS:	\$1,442,133	\$0	\$0	\$1,442,133
TOTAL TANGIBLE DRILLING COSTS:	\$417,500	\$0	\$0	\$417,500
TOTAL INTANGIBLE COMPLETION COSTS:	\$0	\$3,270,750	\$373,350	\$3,644,100
TOTAL TANGIBLE COMPLETION COSTS:	\$0	\$261,000	\$332,143	\$593,143
Total	\$1,859,633	\$3,531,750	\$705,493	\$6,096,876

1-Mile Stimulated Lateral Length

Single Well Pad Development

Valen Halen 005H Single-Well AFE	DRILLING	COMPLETION	FAC-BAT	FAC -GAS PIPE	FAC-POWER	Total
TOTAL INTANGIBLE DRILLING COSTS:	\$1,784,800	\$0	\$0	\$0	\$0	\$1,784,800
TOTAL TANGIBLE DRILLING COSTS:	\$461,100	\$0	\$0	\$0	\$0	\$461,100
TOTAL INTANGIBLE COMPLETION COSTS:	\$0	\$2,636,000	\$600,000	\$600,000	\$0	\$3,836,000
TOTAL TANGIBLE COMPLETION COSTS:	\$0	\$261,000	\$925,000	301760	0	\$1,487,760
Total	\$2,245,900	\$2,897,000	\$1,525,000	\$901,760	\$0	\$7,569,660

Original AFE	\$6,096,876
Remove Contingency Costs	\$ (242,202)
Expedited Business Lease	\$ 293,000
Pad Construction Not Shared	\$ 168,750
Rig Mobilization Not Shared	\$ 105,000
Updated Frac Quotation	\$ (200,000)
3-mi Gas Pipeline Added	\$ 901,760
Facility Costs Not Shared	\$ 819,507
Change to Fresh Water Completions Fluid	\$ (255,000)
Misc. AFE Updates	\$ (118,031)
Updated to Single Well	\$7,569,660

- For reconciliation process
- Expiration timing requires expediting of business lease to hold acreage
- Construction on original AFE shared across 4-wells
- Mobilization of Drilling Rig on original AFE shared across 4-wells
- Market Price adjustment
- Midstream company had agreed to build to us, but could not achieve timeline
- Production Facility on original AFE shared across 4-wells. Scope reduces as much as possible
- Cost saving measure to manage water transfer and chemical costs for single well ops

Longfellow/Van Halen Wells
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Exhibit C-3
Page 1 of 1

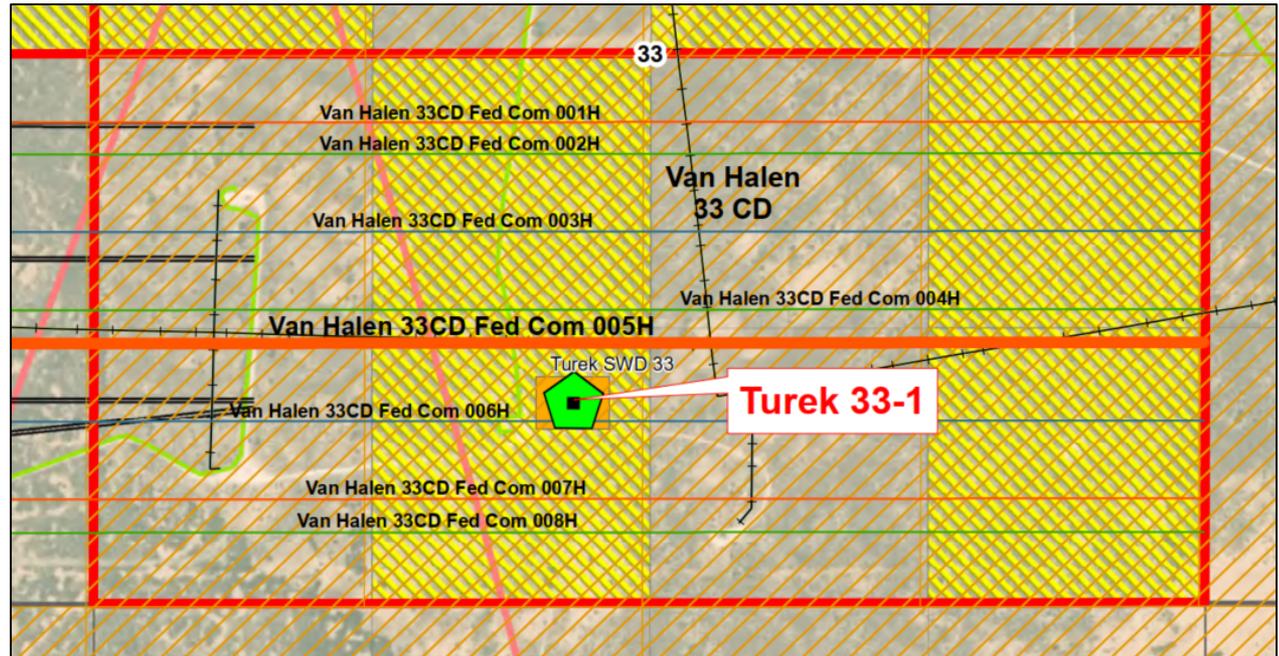
Shared costs (pad construction, production facility, gas pipeline) will be re-allocated during the development of the remainder of the unit.

Drilling Permits

8 Horizontal Well Permits in Process

Permitting Update

- Longfellow has been actively permitting the project.
- Currently Longfellow has 8 horizontal wells permitted within the proposed Van Halen 33 CD Unit.
- Longfellow is permitting the Turek 33-1 SWD to support production operations.



Well Name / Number
Van Halen Fed 33CD 001H
Van Halen Fed 33CD 002H
Van Halen Fed 33CD 003H
Van Halen Fed 33CD 004H
Van Halen Fed 33CD 005H
Van Halen Fed 33CD 006H
Van Halen Fed 33CD 007H
Van Halen Fed 33CD 008H

Longfellow/Van Halen Wells
Case No. 25804
Exhibit C-4
Page 1 of 1

Development Efficiency

Horizontal versus Vertical Well Development & Prevention of Waste

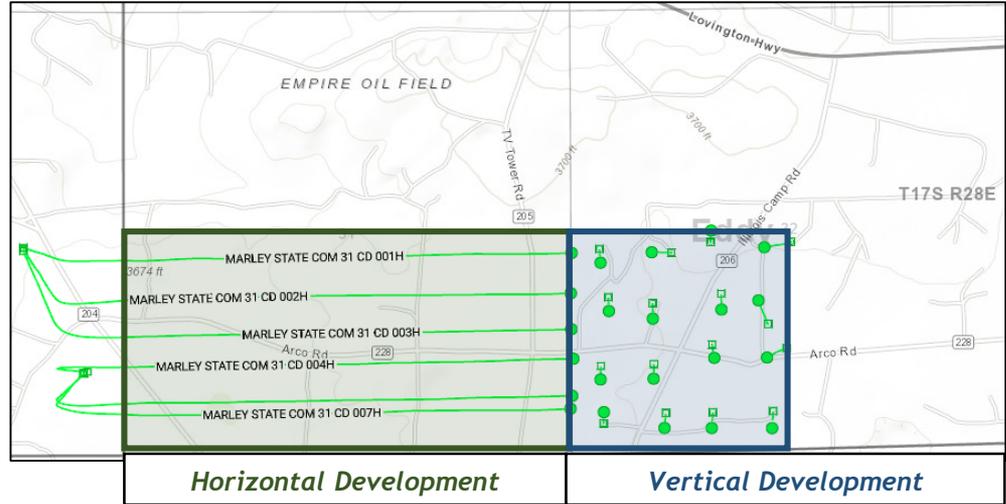
Observations

- Offset analysis of T17S R28E Sec. 31 S/2 and Sec. 32 SW/4
- 6-well Stacked horizontal development of the S/2 Sec. 31 Marley CD unit
 - Paddock spaced at 6 wells/section
 - Upper Blinebry at 4 wells/section
 - Lower Blinebry at 2 wells/section
- Offset vertical production perforated from Glorieta through Blinebry (all same producing formations completed)
- Horizontal development can be as much as ~3 times more effective in recovering resource compared to vertical development

	Vertical	Horizontal
Date of First Production	11/1/2013	10/1/2024
Well Count	16	6
Acreage, acres	160	320
OoIP/section, Mstb	60,000	60,000
Est. Oil EUR, Mbo	734.825	4,471.822
Recovery Factor, %	4.9%	14.9%

Development Strategy and Waste

- Developing the Yeso vertically results in significant unrecovered reserves.
- Less oil is produced more slowly resulting in waste to the royalty and tax bases.

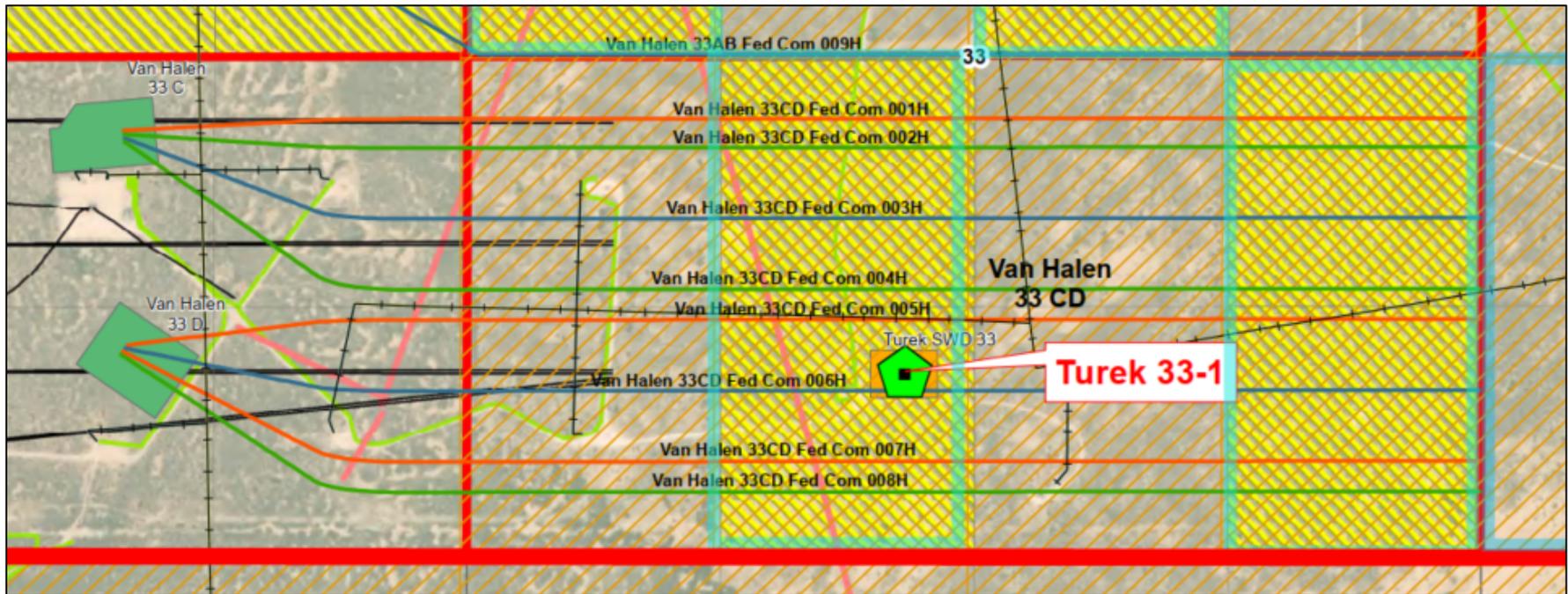


Horizontal Development

Vertical Development

Efficiency of Surface Use & Waste

...



Land Use Significantly Reduced Through Horizontal Development

- Surface use required for vertical development is **5x higher** than horizontal development resulting in waste of surface land

Development Strategy	Pads	Acres	Total
Horizontal Development	2	6	12
Vertical Development	32	2	64
Incremental Surface Damages			533%

**Longfellow/Van Halen Wells
Case No. 25804
Exhibit C-6
Page 1 of 1**

Note: Assumes verticals drilled at 10ac spacing as is customary across the historic development of the Yeso play.

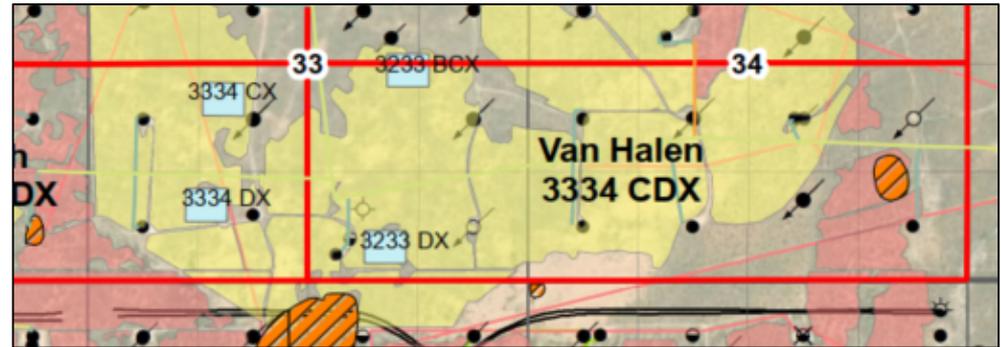
Surface Access Environmental Constraints

Environmental Constraints to Surface Access and Waste

Environmental Surface Access Constraints

- Area contains large sand dunes which create habitat for Desert Sage Brush Lizard (DSL)
- Engaged CEHMM Conservation and Environmental Service to identify suitable pad locations in the area for surface use in Q1 2024.
- Developed CEHMM approved surface locations
- BLM on-sites have been completed and approved for the development of the Van Halen unit
- Business Lease applications have been filed to the NM Realty Group
- The environmental surface constraints in this area, and the incremental surface use required for vertical development could produce significant unrecovered hydrocarbons and result in waste.

The below image is taken from a Longfellow Energy | CEHMM Conservation Group environmental field study conducted in 2024.



- Delineated DSL Habitat
- Possible DSL Habitat (Needs Field Verification)

Field Verification with CEHMM Group confirm significant DSL habitat exists across section 33.

Due to this investigation, Longfellow located pads to the West of section 33 for horizontal development, avoiding the habitat of concern.

XTO's acreage was later delineated as high DSL habitat which must be avoided to develop by other means, making vertical development a challenge.

Economic Impact of Delaying Development

Cost of Delay

- Leasehold expiration imminent due to unit cessation of production
- Area development could be impeded due to bankruptcy involving shallow unit operator, Acacia Operating Company
- BLM leases will not be re-leased until resolution of bankruptcy (est. 2029)
- Failure to approve and establish unit now will result in ~\$3MM undiscounted loss of revenue to the state and federal government (~\$5.8MM PV10)

Develop Now Scenario			Runtime	Total	Delay Development Scenario			Runtime	Total	Delta			
Oil (NRI), Mbbl				2,510	Oil (NRI), Mbbl			2,510		2,510			
Gas (NRI), MMcf				5,570	Gas (NRI), MMcf			5,570		5,570			
Gross Oil	87.50%			2,869	Gross Oil	87.50%		2,869		2,869			
Gross Gas	87.50%			6,366	Gross Gas	87.50%		6,366		6,366			
WTI Oil Price					WTI Oil Price								
Natural Gas Price					Natural Gas Price								
BLM/State Oil Revenue, M\$	\$	(2.00)	\$	15,336	BLM/State Oil Revenue, M\$	\$	(2.00)	\$	15,336	\$	15,336		
BLM/State Gas Revenue, M\$	\$	(1.00)	\$	2,066	BLM/State Gas Revenue, M\$	\$	(1.00)	\$	2,066	\$	2,066		
Severance Tax - Oil (M\$)		8%	\$	8,045	Severance Tax - Oil (M\$)		8%	\$	8,045	\$	8,045		
Severance Tax - Gas (M\$)		9%	\$	654	Severance Tax - Gas (M\$)		9%	\$	654	\$	654		
Total Royalties			\$	17,402	Total Royalties			\$	17,402	\$	17,402		
Total Production Tax			\$	8,699	Total Production Tax			\$	8,699	\$	8,699		
Total Royalties + Tax			\$	26,101	Total Royalties + Tax			\$	26,101	\$	26,101		
Totals			PV0	PV10	Totals			PV0	PV10	Delta PV0	Delta PV10		
Total Royalties	\$	17,402	\$	12,799	Total Royalties	\$	15,213	\$	8,923	\$	(2,189)	\$	(3,876)
Total Production Tax	\$	8,699	\$	6,405	Total Production Tax	\$	7,614	\$	4,471	\$	(1,085)	\$	(1,934)
Total Royalties + Tax	\$	26,101	\$	19,204	Total Royalties + Tax	\$	22,827	\$	13,394	\$	(3,274)	\$	(5,810)

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. 25804

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 December 15, 2025 and December 18, 2025, to all interest owners sought to be pooled in this proceeding. Sample notice letters to all interested parties are 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 by publication in the Carlsbad Current Argus on December 18, 2025, to all such owners whose interest was evidenced by a written conveyance document either of record or known to the applicant at the time the applicant filed the application, as shown in the Notice attached hereto as Exhibit C-4. In addition, notice was provided by electronic mail to Hilcorp Energy 1, LP (“Hilcorp”), which thereafter indicated in writing that Hilcorp does not oppose this application so long as Hilcorp can sign a joint operating agreement after hearing in this matter. See Exhibit C-5, attached hereto. 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

December 31, 2025
Date



SpencerFane®

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

December 15, 2025

Via U.S. Certified Mail, return receipt requested

TO: ALL INTEREST OWNERS ON ATTACHED LIST

Re: Case No. 25804 – Application of Longfellow Energy, L.P. for Compulsory Pooling, Eddy County, New Mexico – **Van Halen 33CD Fed Com 001H through Van Halen 33CD Fed Com 008H Wells**

Dear Interest Owner:

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

Case No. 25804. 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 South Half of Section 33, 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: Van Halen 33CD Fed Com 001H, well, to be horizontally drilled from a surface hole location (“SHL”) approximately 1,802' FEL & 2,251' FSL of Section 32-16S-31E and a bottomhole location (“BHL”) approximately 20' FEL & 2,310' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 002H well, to be horizontally drilled from a SHL approximately 1,800' FEL & 2,231' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 2,158' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 003H well, to be horizontally drilled from a SHL approximately 1,798' FEL & 2,211' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,784' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 004H well, to be horizontally drilled from a SHL approximately 1,796' FEL & 2,191' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,409' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 005H well, to be horizontally drilled from a SHL approximately 1,780' FEL & 1,117' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,249' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,791' FEL & 1,101' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 874' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,803' FEL & 1,084' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 500' FSL of Section 33-16S-31E; and Van Halen 33CD Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,814' FEL & 1,068' FSL of Section 32-16S-31E and a

All Interest Owners
December 15, 2025
Page 2



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BHL approximately 20' FEL & 339' FSL of Section 33-16S-31E. The Van Halen 33CD Fed Com 005H well is a proximity well. With proximity tracts, the completed intervals will meet standard setback requirements. The first and last take points 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 West of Maljamar, New Mexico.

The attached application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on **January 8, 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 **December 31, 2025**, 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 **January 1, 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):

JR Oil, Ltd.
P.O. Box 52647
Tulsa, OK 74152

BP America Production Company
501 Westlake Park Boulevard
Houston, TX 77079

OXY USA WTP Limited Partnership
5 E. Greenway Plaza
Houston, TX 77046

XTO Holdings, LLC
ExxonMobil EMHC
Land Dept. Loc. 115
22777 Springwoods Village Pkwy
Spring, TX 77389-1425

Overriding Royalty Interest Party(ies):

R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate,
Bank of America, NA, Trustee
P.O. Box 830308
Dallas, Texas 75283-0308

John W.R. Boyle Trust, John W.R. Boyle and
Bank of America, NA, Co-Trustees
P.O. Box 830308
Dallas, Texas 75283-0308

Fullerton Oil & Gas Corporation
380 E. Green Street
Pasadena, CA 91105

Additional Interested Party(ies):

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



SpencerFane®

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

December 18, 2025

Via U.S. Certified Mail, return receipt requested

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All Interest Owners
December 18, 2025
Page 2



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Very truly yours,

/s/ Sharon T. Shaheen

Sharon T. Shaheen

Enclosure

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

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P.O. Box 52647
Tulsa, OK 74152

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501 Westlake Park Boulevard
Houston, TX 77079

OXY USA WTP Limited Partnership
5 E. Greenway Plaza
Houston, TX 77046

XTO Holdings, LLC
ExxonMobil EMHC
Land Dept. Loc. 115
22777 Springwoods Village Pkwy
Spring, TX 77389-1425

Apache Corporation
2000 W Sam Houston Pkwy S, Suite 200
Houston, Texas 77042

Hilcorp Energy 1, L.P.
1111 Travis Street
Houston, TX 77002

Overriding Royalty Interest Party(ies):

R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate,
Bank of America, NA, Trustee
P.O. Box 830308
Dallas, Texas 75283-0308

John W.R. Boyle Trust, John W.R. Boyle and
Bank of America, NA, Co-Trustees
P.O. Box 830308
Dallas, Texas 75283-0308

Fullerton Oil & Gas Corporation
380 E. Green Street
Pasadena, CA 91105

Additional Interested Party(ies):

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

LONGFELLOW ENERGY, L.P.
Van Halen 33CD Fed Com Wells / NMOCD No. 25804
January 8, 2026 Hearing

Entity	Date Letter Mailed	Certified Mail Number ¹	Status of Delivery	Date Received
WORKING INTEREST PARTY(IES)				
JR Oil, Ltd. P.O. Box 52647 Tulsa, OK 74152	December 15, 2025	9314 7699 0430 0143 5009 76	Delivered	December 19, 2025
BP America Production Company 501 Westlake Park Boulevard Houston, TX 77079	December 15, 2025	9314 7699 0430 0143 5009 83	Delivered	December 20, 2025
OXY USA WTP Limited Partnership 5 E. Greenway Plaza Houston, TX 77046	December 15, 2025	9314 7699 0430 0143 5009 90	Delivered	December 22, 2025
XTO Holdings, LLC ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425	December 15, 2025	9314 7699 0430 0143 5010 03	Delivered	December 22, 2025
Hilcorp Energy 1, L.P. 1111 Travis Street Houston, TX 77002	December 18, 2025	9314 7699 0430 0143 6759 33	Mailed / In Transit to Next Facility	
Apache Corporation 2000 W Sam Houston Pkwy S Houston, TX 77042	December 18, 2025	9314 7699 0430 0143 6757 97	Delivered	December 22, 2025

LONGFELLOW ENERGY, L.P.
Van Halen 33CD Fed Com Wells / NMOCD No. 25804
January 8, 2026 Hearing

Entity	Date Letter Mailed	Certified Mail Number ¹	Status of Delivery	Date Received
OVERRIDING ROYALTY INTEREST PARTY(IES)				
R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, Texas 75283-0308	December 15, 2025	9314 7699 0430 0143 5010 10	Delivered	December 22, 2025
John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees P.O. Box 830308 Dallas, Texas 75283-0308	December 15, 2025	9314 7699 0430 0143 5010 27	Delivered	December 22, 2025
Fullerton Oil & Gas Corporation 380 E. Green Street Pasadena, CA 91105	December 15, 2025	9314 7699 0430 0143 5010 34	TO BE RETURNED	
ADDITIONAL PARTY(IES)				
Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220	December 15, 2025	9314 7699 0430 0143 5010 41	Delivered	December 18, 2025

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:	Date Created:	12/15/2025 9:01 AM
JR Oil, Ltd	Date Mail Delivered:	12/19/2025 11:43 AM
P.O. Box 52647	USPS Article Number:	9314769904300143500976
Tulsa, OK 74152	Return Receipt Article Number:	9590969904300143500978
Sender:	Service Options:	Return Receipt
Sharon T. Shaheen		Certified Mail
Longfellow (9015392.2107) Van Halen Wells	Mail Service:	Certified
Spencer Fane, LLP	Reference #:	001
325 Paseo de Peralta	Postage:	\$1.90
Santa Fe, NM 87501-1860	Certified Mail Fees:	\$9.70
Transaction created by: Dortiz	Status:	Delivered
User ID: 32565	Sender:	S. Shaheen
Firm Mailing Book ID: None	Contents:	Notice Letter
Batch ID: 325627	Custom Field 2:	Van Halen Wells
	Custom Field 3:	25804

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 02:56 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at TULSA OK DISTRIBUTION CENTER
USPS® Return Receipt	12-18-2025 07:39 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at TULSA OK DISTRIBUTION CENTER
USPS® Return Receipt	12-18-2025 08:01 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at TULSA OK DISTRIBUTION CENTER
USPS® Certified Mail	12-18-2025 09:15 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at TULSA OK DISTRIBUTION CENTER
USPS® Return Receipt	12-18-2025 09:15 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at TULSA OK DISTRIBUTION CENTER
USPS® Certified Mail	12-19-2025 11:43 AM	[USPS] - CERTIFIED MAIL DELIVERED PO BOX at TULSA,OK

Transaction Details

Recipient:
 BP America Production Company
 501 Westlake Park Boulevard
 Houston, TX 77079

Date Created: 12/15/2025 9:01 AM
Date Mail Delivered: 12/20/2025 11:07 AM
USPS Article Number: 9314769904300143500983
Return Receipt Article Number: 9590969904300143500985

Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2107) Van Halen Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
Mail Service: Certified
Reference #: 002
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Delivered
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Van Halen Wells
Custom Field 3: 25804

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 325627

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-19-2025 09:13 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 02:53 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 11:07 AM	[USPS] - CERTIFIED MAIL DELIVERED FRONT DESKRECEPTIONMAIL ROOM at HOUSTON,TX

Recipient:
OXY USA WTP Limited Partnership
5 E Greenway Plaza
Houston, TX 77046

Date Created: 12/15/2025 9:01 AM
Date Mail Delivered: 12/22/2025 12:45 PM
USPS Article Number: 9314769904300143500990
Return Receipt Article Number: 9590969904300143500992

Sender:
Sharon T. Shaheen
Longfellow (9015392 2107) Van Halen 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: Delivered
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Van Halen Wells
Custom Field 3: 25804

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 325627

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-19-2025 09:28 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 08:51 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 10:36 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-22-2025 12:45 PM	[USPS] - CERTIFIED MAIL DELIVERED FRONT DESKRECEPTIONMAIL ROOM at HOUSTON,TX

Transaction Details

Recipient:
 XTO Holdings, LLC
 ExxonMobil EMHC
 Land Dept. Loc. 115
 22777 Springwoods Village Pkwy
 Spring, TX 77389-1425

Date Created: 12/15/2025 9:01 AM
Date Mail Delivered: 12/22/2025 10:19 AM
USPS Article Number: 9314769904300143501003
Return Receipt Article Number: 9590969904300143501005

Sender:
 Sharon T. Shaheen
 Longfellow (9015392 2107) Van Halen 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
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Van Halen Wells
Custom Field 3: 25804

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 325627

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-20-2025 11:10 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at NORTH HOUSTON TX DISTRIBUTION C
USPS® Certified Mail	12-22-2025 10:19 AM	[USPS] - CERTIFIED MAIL DELIVERED LEFT WITH INDIVIDUAL at SPRING, TX

Return Receipt (Form 3811) Barcode



9590 9699 0430 0143 5010 05

1. Article Addressed to:
 XTO Holdings, LLC
 ExxonMobil EMHC
 Land Dept. Loc. 115
 22777 Springwoods Village Pkwy
 Spring, TX 77389-1425

2. Certified Mail (Form 3800) Article Number
 9314 7699 0430 0143 5010 03

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee
 B. Received by (Printed Name) *S. Shaheen* C. Date of Delivery

D. Is delivery address different from item 1? Yes
 No
 If YES, enter delivery address below:

3. Service Type:
 Certified Mail
 Certified Mail Restricted Delivery

Reference Information

Domestic Return Receipt

Transaction Details

Recipient:
 Hilcorp Energy 1, L.P.
 1111 Travis Street
 Houston, TX 77002

Date Created: 12/18/2025 9:02 AM
USPS Article Number: 9314769904300143675933
Return Receipt Article Number: 9590969904300143675935

Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2107) Van Halen Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
Mail Service: Certified
Reference #:
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Mailed

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

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-18-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-18-2025 11:26 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-18-2025 09:38 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-18-2025 10:53 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 11:41 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-20-2025 01:45 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 07:21 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Return Receipt	12-29-2025 11:43 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at NORTH HOUSTON TX DISTRIBUTION C
USPS® Return Receipt	12-30-2025 01:15 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at NORTH HOUSTON TX DISTRIBUTION C

Transaction Details

Recipient:
 Apache Corporation
 2000 W Sam Houston Pkwy S
 Suite 200
 Houston, TX 77042

Date Created: 12/18/2025 8:59 AM
Date Mail Delivered: 12/22/2025 2:43 PM
USPS Article Number: 9314769904300143675797
Return Receipt Article Number: 9590969904300143675799

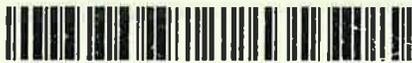
Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2107) Van Halen Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
 Certified
Mail Service:
Reference #:
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Delivered

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

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-18-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-18-2025 11:26 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Return Receipt	12-18-2025 09:38 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Return Receipt	12-18-2025 10:53 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Return Receipt	12-18-2025 11:41 PM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-21-2025 04:03 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-22-2025 12:45 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-22-2025 02:43 PM	[USPS] - CERTIFIED MAIL DELIVERED LEFT WITH INDIVIDUAL at HOUSTON,TX

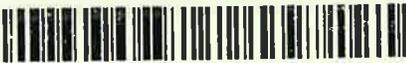
<p>Return Receipt (Form 3811) Barcode</p>  <p>9590 9699 0430 0143 6757 99</p> <p>1. Article Addressed to:</p> <p>Apache Corporation 2000 W Sam Houston Pkwy S Suite 200 Houston, TX 77042</p> <p>2. Certified Mail (Form 3800) Article Number</p> <p>9314 7699 0430 0143 6757 97</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Sharon Shaheen</i></p> <p>B. Received by (Printed Name) <i>SVan</i> C. Date of Delivery <i>1-23-25</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input 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>Reference Information</p>
<p>PS Form 3811, Facsimile, July 2015 Domestic Return Receipt</p>	

Transaction Details

Recipient: R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, TX 75283-0308	Date Created: 12/15/2025 9:01 AM Date Mail Delivered: 12/22/2025 9:57 AM USPS Article Number: 9314769904300143501010 Return Receipt Article Number: 9590969904300143501012
Sender: Sharon T. Shaheen Longfellow (9015392.2107) Van Halen 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: Delivered Sender: S. Shaheen Contents: Notice Letter Custom Field 2: Van Halen Wells Custom Field 3: 25804
Transaction created by: Dortiz User ID: 32565 Firm Mailing Book ID: None Batch ID: 325627	

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 10:50 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at DALLAS TX DISTRIBUTION CENTER
USPS® Certified Mail	12-21-2025 04:58 PM	[USPS] - ARRIVAL AT UNIT at DALLAS,TX
USPS® Certified Mail	12-21-2025 06:23 PM	[USPS] - AVAILABLE FOR PICKUP at DALLAS,TX
USPS® Certified Mail	12-22-2025 09:57 AM	[USPS] - CERTIFIED MAIL DELIVERED PO BOX at DALLAS,TX

<p>Return Receipt (Form 3811) Barcode</p>  <p>9590 9699 0430 0143 5010 12</p> <p>1. Article Addressed to: R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, TX 75283-0308</p> <p>2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0143 5010 10</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>S. Shaheen</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 If YES, enter delivery address below: <input type="checkbox"/> No</p> <p style="text-align: center; color: red; font-weight: bold;">DEC 22 2025</p> <p>3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery</p> <p style="text-align: center;"><u>Reference Information</u></p>
<p>PS Form 3811, Facsimile, July 2015 Domestic Return Receipt</p>	

Transaction Details

Recipient:
 John W.R. Boyle Trust, John W.R. Boyle
 and Bank of America, NA, Co-Trustees
 P.O. Box 830308
 Dallas, TX 75283-0308

Date Created: 12/15/2025 9:01 AM
Date Mail Delivered: 12/22/2025 9:57 AM
USPS Article Number: 9314769904300143501027
Return Receipt Article Number: 9590969904300143501029

Sender:
 Sharon T. Shaheen
 Longfellow (9015392.2107) Van Halen 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
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Van Halen Wells
Custom Field 3: 25804

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 325627

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 10:50 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at DALLAS TX DISTRIBUTION CENTER
USPS® Certified Mail	12-21-2025 04:59 PM	[USPS] - ARRIVAL AT UNIT at DALLAS,TX
USPS® Certified Mail	12-21-2025 06:23 PM	[USPS] - AVAILABLE FOR PICKUP at DALLAS,TX
USPS® Certified Mail	12-22-2025 09:57 AM	[USPS] - CERTIFIED MAIL DELIVERED PO BOX at DALLAS,TX

<p>Return Receipt (Form 3811) Barcode</p>  <p>9590 9699 0430 0143 5010 29</p> <p>1. Article Addressed to: John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees P.O. Box 830308 Dallas, TX 75283-0308</p> <p>2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0143 5010 27</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature <input type="checkbox"/> Agent x <i>[Signature]</i> <input type="checkbox"/> Addressee</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 If YES, enter delivery address below: <input type="checkbox"/> No</p> <p style="text-align: center; color: red; font-weight: bold;">DEC 22 2025</p> <p>3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery</p> <p style="text-align: center;">Reference Information</p>
PS Form 3811, Facsimile, July 2015	Domestic Return Receipt

Transaction Details

Recipient:
Fullerton Oil & Gas Corporation
380 East Green Street
Pasadena, CA 91105

Date Created: 12/15/2025 9:01 AM
USPS Article Number: 9314769904300143501034
Return Receipt Article Number: 9590969904300143501036

Sender:
Sharon T. Shaheen
Longfellow (9015392.2107) Van Halen 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: To be Returned
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Van Halen Wells
Custom Field 3: 25804

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 325627

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 04:01 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at BAKERSFIELD CA DISTRIBUTION CEN
USPS® Certified Mail	12-18-2025 08:58 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at SANTA CLARITA CA DISTRIBUTION C
USPS® Certified Mail	12-19-2025 05:36 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at SANTA CLARITA CA DISTRIBUTION C
USPS® Certified Mail	12-20-2025 11:28 AM	[USPS] - ADDRESSEE UNKNOWN at PASADENA,CA
USPS® Certified Mail	12-26-2025 09:12 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at PASADENA,CA

Transaction Details

Recipient:
 Bureau of Land Management
 United State of America
 310 Dinosaur Trail
 Santa Fe, NM 87508

Date Created: 12/15/2025 9:01 AM
Date Mail Delivered: 12/18/2025 1:16 PM
USPS Article Number: 9314769904300143501041
Return Receipt Article Number: 9590969904300143501043

Sender:
 Sharon T. Shaheen
 Longfellow (9015392,2107) Van Halen Wells
 Spencer Fane, LLP
 325 Paseo de Peralta
 Santa Fe, NM 87501-1860

Service Options: Return Receipt
 Certified Mail
Mail Service: Certified
Reference #: 008
Postage: \$1.90
Certified Mail Fees: \$9.70
Status: Delivered
Sender: S. Shaheen
Contents: Notice Letter
Custom Field 2: Van Halen Wells
Custom Field 3: 25804

Transaction created by: Dortiz
User ID: 32565
Firm Mailing Book ID: None
Batch ID: 325627

Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:52 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:07 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 04:29 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 01:16 PM	[USPS] - CERTIFIED MAIL DELIVERED FRONT DESKRECEPTIONMAIL ROOM at SANTA FE,NM

Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0143 5010 43		A. Signature <input type="checkbox"/> Agent X  <input type="checkbox"/> Addressee	
		B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery Penny Power 12/18/25	
1. Article Addressed to: Bureau of Land Management United State of America 310 Dinosaur Trail Santa Fe, NM 87508		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 0143 5010 41		3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery	
		Reference Information	
PS Form 3811, Facsimile, July 2015		Domestic Return Receipt	

Affidavit of Publication

Copy of Publication:

No. 76800

State of New Mexico

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 December 18, 2025

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

Seventh Publication _____

Eighth Publication _____

Subscribed and sworn before me this

18th day of December 2025

LATISHA ROMINE
Notary Public, State of New Mexico
Commission No. 1076338
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: JR Oil, Ltd.; BP America Production Company; OXY USA WTE Limited Partnership; XTO Holdings, LLC, ExxonMobil EMHC; R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee; John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees; Fullerton Oil & Gas Corporation; and Bureau of Land Management, United States of America.

Longfellow Operating Partners, LLC has filed an application with the New Mexico Oil Conservation Division as follows:

Case No. 25804. 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 South Half of Section 33, 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: Van Halen 33CD Fed Com 001H, well, to be horizontally drilled from a surface hole location (SHL) approximately 1,802' FEL & 2,251' FSL of Section 32-16S-31E and a bottomhole location (BHL) approximately 20' FEL & 2,310' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 002H well, to be horizontally drilled from a SHL approximately 1,800' FEL & 2,231' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 2,158' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 003H well, to be horizontally drilled from a SHL approximately 1,798' FEL & 2,211' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,784' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 004H well, to be horizontally drilled from a SHL approximately 1,796' FEL & 2,191' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,409' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 005H well, to be horizontally drilled from a SHL approximately 1,780' FEL & 1,117' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,249' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,791' FEL & 1,101' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 874' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,803' FEL & 1,084' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 500' FSL of Section 33-16S-31E; and Van Halen 33CD Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,814' FEL & 1,068' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 339' FSL of Section 33-16S-31E. The Van Halen 33CD Fed Com 005H well is a proximity well. With proximity tracts, the completed intervals will meet standard setback requirements. The first and last take points 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 West of Maljamar, New Mexico.

This application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on **January 8, 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 **December 31, 2025**, eight (8) days before the hearing, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by **January 1, 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.

76800-Published in Carlsbad Current Argus Dec. 18, 2025.

Longfellow/Van Halen Wells - No. 25804

Exhibit D-4

Page 1 of 1

Ortiz, David

From: Jack Mercer <jack.mercer@longfellowenergy.com>
Sent: Tuesday, December 30, 2025 8:27 AM
To: Shaheen, Sharon
Cc: Stuart Gaston; Rebecca English
Subject: Fw: [EXTERNAL] Van Halen 33CD Fed Com Unit Well Proposals

[Warning] This E-mail came from an External sender. Please do not open links or attachments unless you are sure it is trusted.

From: Alyssa Hume <alyssa.hume@hilcorp.com>
Sent: Tuesday, December 30, 2025 9:05:52 AM
To: Jack Mercer <jack.mercer@longfellowenergy.com>; Curtis Smith <csmith@hilcorp.com>
Cc: Rebecca English <rebecca.english@longfellowenergy.com>; Stuart Gaston <stuart.gaston@longfellowenergy.com>
Subject: RE: [EXTERNAL] Van Halen 33CD Fed Com Unit Well Proposals

Jack,

I hope you had a Merry Christmas as well! We're still reviewing to confirm this was part of the PSA between BP and Apache, but it more than likely is Hilcorp's now.

I can confirm we've received the well proposals and have no intention of protesting your compulsory pooling application if we still can sign a JOA after Longfellow's hearing.

Thanks,

Alyssa Hume
Sr. Landman – Permian West
Hilcorp Energy Company
1111 Travis Street
Houston, Texas 77002
(346) 237-2265 Direct
(832) 248-6669 Mobile

From: Jack Mercer <jack.mercer@longfellowenergy.com>
Sent: Monday, December 29, 2025 3:43 PM
To: Alyssa Hume <alyssa.hume@hilcorp.com>; Curtis Smith <csmith@hilcorp.com>
Cc: Rebecca English <rebecca.english@longfellowenergy.com>; Stuart Gaston <stuart.gaston@longfellowenergy.com>
Subject: [EXTERNAL] Van Halen 33CD Fed Com Unit Well Proposals

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Alyssa/Curtis,

Hope yall had a Merry Christmas and were able to enjoy some time off! I'm reaching out regarding the subject well proposals in the S/2 Sec. 33, T16S, R31E, Eddy County, NM. Our title initially reflected BP owning a 1/3rd interest in an 80-acre tract within the proposed unit but after discussions with BP we believe this title now vests with Hilcorp via Apache. An updated certified letter has been sent to Hilcorp but the tracking shows "In Transit, Arriving Late".

We are hoping to get confirmation ASAP from Hilcorp on the following:

- That you have received the proposals via this email
- That yall will not protest our hearing set for January 8th

We're on a tight time schedule and need to have the hearing at the beginning of January to be able to drill these wells. Longfellow does not want to force pool Hilcorp and will execute a mutually agreeable JOA, term assignment, etc.. Whichever agreement Hilcorp believes works best; we're open to anything mutually beneficial.

Please review at your earliest convenience and give me a call if you have any questions.

Thank you,

Jack Mercer
Landman



Cell: 214-364-3043
8115 Preston Road, Suite 800
Dallas, TX 75225

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

Tab +

From: Smith, Chad D <chad.d.smith@exxonmobil.com>
Sent: Tuesday, August 19, 2025 1:57 PM
To: Stuart Gaston
Subject: RE: Van Halen Federal Com 33 CD Well Proposal

You don't often get email from chad.d.smith@exxonmobil.com. [Learn why this is important](#)

Stuart,

Thank you for emailing me the information! I will get these proposals routed for evaluation and keep you posted on what feedback I get.

Thanks,

Chad Smith

From: Stuart Gaston <stuart.gaston@longfellowenergy.com>
Sent: Tuesday, August 19, 2025 2:37 PM
To: Smith, Chad D <chad.d.smith@exxonmobil.com>
Subject: RE: Van Halen Federal Com 33 CD Well Proposal

Hey Chad,

It was great speaking with you. To recap our conversation, we show Exxon owning 100% WI in the W/2 SW/4 of Section 33-16S-31E. We have y'all burdened to an 80% Royalty Interest with Fullerton Oil & Gas Corp being the group that reserved the 7.5% ORRI. On a Unit basis we have Exxon at 25% WI (80/320 acres) and a 20% Unit NRI.

Please let me know if your team has any questions or if anything pops up.

Thanks again for reaching out and hope to get to meet you in person at NMOGA,

Stuart Gaston
Senior Landman



8115 Preston Road, Suite 800
Dallas, TX 75225
(972) 532-8205
(432) 413-5210

From: Smith, Chad D <chad.d.smith@exxonmobil.com>
Sent: Tuesday, August 19, 2025 1:20 PM

Longfellow/Van Halen Wells LFE Rebuttal Exhibit 1
Case No. 25804

Page 1 of 15

To: Stuart Gaston <stuart.gaston@longfellowenergy.com>

Subject: Van Halen Federal Com 33 CD Well Proposal

You don't often get email from chad.d.smith@exxonmobil.com. [Learn why this is important](#)

Stuart,

Got yalls Van Halen Well proposals! What are you showing XTO's WI to be within that DSU? Feel free to call me whenever to discuss.

Thanks,

Chad Smith
Landman
Permian - Delaware Basin New Mexico
ExxonMobil EMHC
Land Dept. Loc. 115
22777 Springwoods Village Pkwy
Spring, TX 77389-1425
281-939-3707
Chad.d.smith@exxonmobil.com

From: Stuart Gaston <stuart.gaston@longfellowenergy.com>
Sent: Thursday, September 18, 2025 8:45 AM
To: Harris, Glenn C
Cc: Smith, Chad D
Subject: RE: Van Halen Federal Com 33 CD 1H-8H C-102's
Attachments: VAN-HALEN-33CD-FED-COM-001H.pdf; VAN-HALEN-33CD-FED-COM-002H.pdf; VAN-HALEN-33CD-FED-COM-003H.pdf; VAN-HALEN-33CD-FED-COM-004H.pdf; VAN-HALEN-33CD-FED-COM-005H.pdf; VAN-HALEN-33CD-FED-COM-006H.pdf; VAN-HALEN-33CD-FED-COM-007H.pdf; VAN-HALEN-33CD-FED-COM-008H.pdf

Good Morning Glenn,

I am sorry I missed your call, I have been stuck in a meeting.

Please find attached the C102 for the Van Halen CD Wells. We have sent these to the BLM for approval, but have not yet sent them to the OCD.

These are all just 1 mile laterals.

Please let me know if you have any questions or need any additional information.

Thank you,

Stuart Gaston
Senior Landman



8115 Preston Road, Suite 800
Dallas, TX 75225
(972) 532-8205
(432) 413-5210

From: Harris, Glenn C <glenn.harris@exxonmobil.com>
Sent: Thursday, September 18, 2025 9:26 AM
To: Stuart Gaston <stuart.gaston@longfellowenergy.com>
Cc: Smith, Chad D <chad.d.smith@exxonmobil.com>
Subject: Van Halen Federal Com 33 CD 1H-8H C-102's

You don't often get email from glenn.harris@exxonmobil.com. [Learn why this is important](#)

Good Morning Stuart,

We have received the Van Halen Fed Com proposals and during evaluation our technical team was wondering if Longfellow has C-102's prepared and ready that they could share with us to assist? We have looked on NMOCD but see they have not been filed yet.

If not at the bare minimum we were hoping to know how long the laterals were.

Thanks for your help,

Glenn Harris

Land Analyst | Permian Delaware

XTO Energy Inc., an ExxonMobil Subsidiary

22777 Springwoods Village Pkwy. | Spring, TX 77389-1425

glenn.harris@exxonmobil.com

From: Rebecca English <rebecca.english@longfellowenergy.com>
Sent: Thursday, October 16, 2025 9:22 AM
To: aaron.norwood@exxonmobil.com; jackson.dean@exxonmobil.com; Shelbi McKee (shelbi.m.mckee@exxonmobil.com)
Cc: Stuart Gaston; chad.d.smith@exxonmobil.com
Subject: Longfellow Energy TA Proposal
Attachments: Term Assignment Offer- XTO Holdings, LLC - Eddy Co., NM.pdf

Aaron/Jackson/Shelbi,

Hope you guys are well! It was awesome to get to talk with y'all in Santa Fe, even if it was for a short time.

Stuart Gaston (cced) has been in communication with Chad Smith on a possible Term Assignment proposal for some Exxon acreage in the Northwest Shelf of Eddy County. Chad has been great, and we are grateful for him to be working this. Additionally, I wanted to put this on your radar. I wasn't sure who all it should go to, but figured I'd include all pertinent parties – Aaron, it's in your teams area; Shelbi, might need a OBO eval; and Jackson, technically this is a "deal." Regardless, we are happy to work with anyone, just point us in the right direction.

Understanding Exxon more than most, I know that y'all aren't inclined to divest acreage and aren't in a rush to transact unless there is a timing benefit, both understandable. With that said, we are looking to force pool Tract 1 from the proposal in the next few months (likely December docket), meaning we are looking to drill this unit shortly thereafter. Tract 2 has a different story – we are working on putting a unit together covering Tract 2 for a 2027 drill timing.

Lastly, I will say if you evaluate and would prefer a JOA to participate, we are happy to do so, but would like to discuss potentially acquiring some of the acreage to push it up our drill schedule. Aka – net up our interest so that we can prioritize development.

Always happy to jump on a call... or come down there to say hi.



Rebecca L. English
Vice President, Land

Office 972.366.0951 | Cell 405.550.0214
8115 Preston Road | Suite 800 | Dallas, TX 75225



October 15, 2025

ExxonMobil EMHC
Land Dept. Loc. 115
Attn: Chad Smith
22777 Springwoods Village Pkwy
Spring, TX 77389-1425

RE: Term Assignment Offer

Dear Mr. Smith,

Longfellow Energy, LP, through its affiliate Longfellow LH, LLC ("Longfellow"), is interested in acquiring leasehold interest in certain tracts of land located in Eddy County, New Mexico owned by XTO Holdings, LLC, and affiliate of ExxonMobil (collectively "Exxon").

Based on our title review, Exxon appears to be the leasehold interest owner in the following tracts:

Tract 1:
Lease NMLC 0056302B
Section 33, Township 16 South, Range 31 East
The West Half of the Southwest Quarter (W/2 SW/4) containing 80.00 acres
As to all depths below 5,000'

Tract 2:
Lease NMLC 016788
Section 1, Township 18 South, Range 27 East
The Southeast Quarter (SE/4) containing 160.00 acres
As to all depths from the surface of the Earth down to the top of the Abo Formation

Longfellow respectfully proposes a three (3) year Term Assignment for both tracts, offering \$3,500 per net mineral acre, for a total consideration of \$840,000.00, delivering an 80% Net Revenue Interest. Additionally, we would appreciate the option to extend the Term Assignment for one (1) additional year at a rate of \$2,000 per net mineral acre. In both tracts, Longfellow requests assignment of all depths owned by Exxon.

This offer is contingent upon the execution of a mutually agreeable form of Term Assignment, as well as receipt of all necessary consents, approvals and waivers required to effectuate a valid assignment.

If this proposal is of interest, we would welcome the opportunity to begin discussions regarding form. Should you have any questions or concerns, please feel free to contact me at the undersigned. This offer is intended solely as a non-binding expression of interest. legal obligation shall arise unless and until a definitive agreement is executed by both parties.

Thank you,
Longfellow Energy LP

Stuart Gaston
Senior Landman
432-413-5210
Stuart.gaston@longfellowenergy.com

8115 Preston Rd., Suite 800 | Dallas, TX 75225 | (432) 413-5210 | stuart.gaston@longfellowenergy.com

From: Rebecca English <rebecca.english@longfellowenergy.com>
Sent: Tuesday, October 28, 2025 12:57 PM
To: Jarod M. Rolland (jarod.m.rolland@exxonmobil.com); aaron.norwood@exxonmobil.com
Cc: Jack Mercer; Stuart Gaston
Subject: XTO Leasehold in Eddy County
Attachments: XTO Cedar Lake Leasehold.pdf; Cedar Lake Lessee of Record.pdf; North Square Lake Unit - XTO Holdings Acreage Highlighted.pdf; XTO Order granting relief from stay.pdf

All –

Apologies for emergency text. Let me lay out the facts for you guys –

Y'all have leasehold in Sections 33, 34 and 28 in T16S, R31E in Eddy County, NM. This is the area that I sent the email to take a TA from XOM on Oct 16th. Putting that conversation aside for now, I want to inquire about the status of y'all's leasehold. It is our understanding that both your leasehold and our leasehold, which covers different tracts than yours, are held by the North Square Lake Unit, which is a Grayburg Unit operated by Acacia Operating Company, LLC.

In our research regarding the status of the leases, we discovered that the North Square Lake Unit has not reported any production since July 2024. Subsequently, Acacia filed Chapter 7 bankruptcy in December 2024. This is very concerning for both our leasehold and XOM's. I can see that XTO filed a motion to grant relief from the automatic stay of the bankruptcy court. That motion was granted in July 2025.

Here's my question – given that XTO was aware of the bankruptcy and filed the motion to grant relief, did y'all subsequently do something to maintain your leasehold? Aka – pay minimum royalties, or anything else that would have kept your lease valid? We have a vested interest in getting this area developed and obviously would like to do a deal with y'all to get wells in the ground ASAP, but before we can do anything, we are trying to confirm all the leases are still valid because of this unusual situation with Acacia. Timing is paramount in this, because we believe if there is any minimum royalty payment due, it would need to be paid quickly.

Phone chat to answer any questions? I am also happy to talk to Veronica or whomever in legal you think would have knowledge of this. Whatever is easiest for y'all.

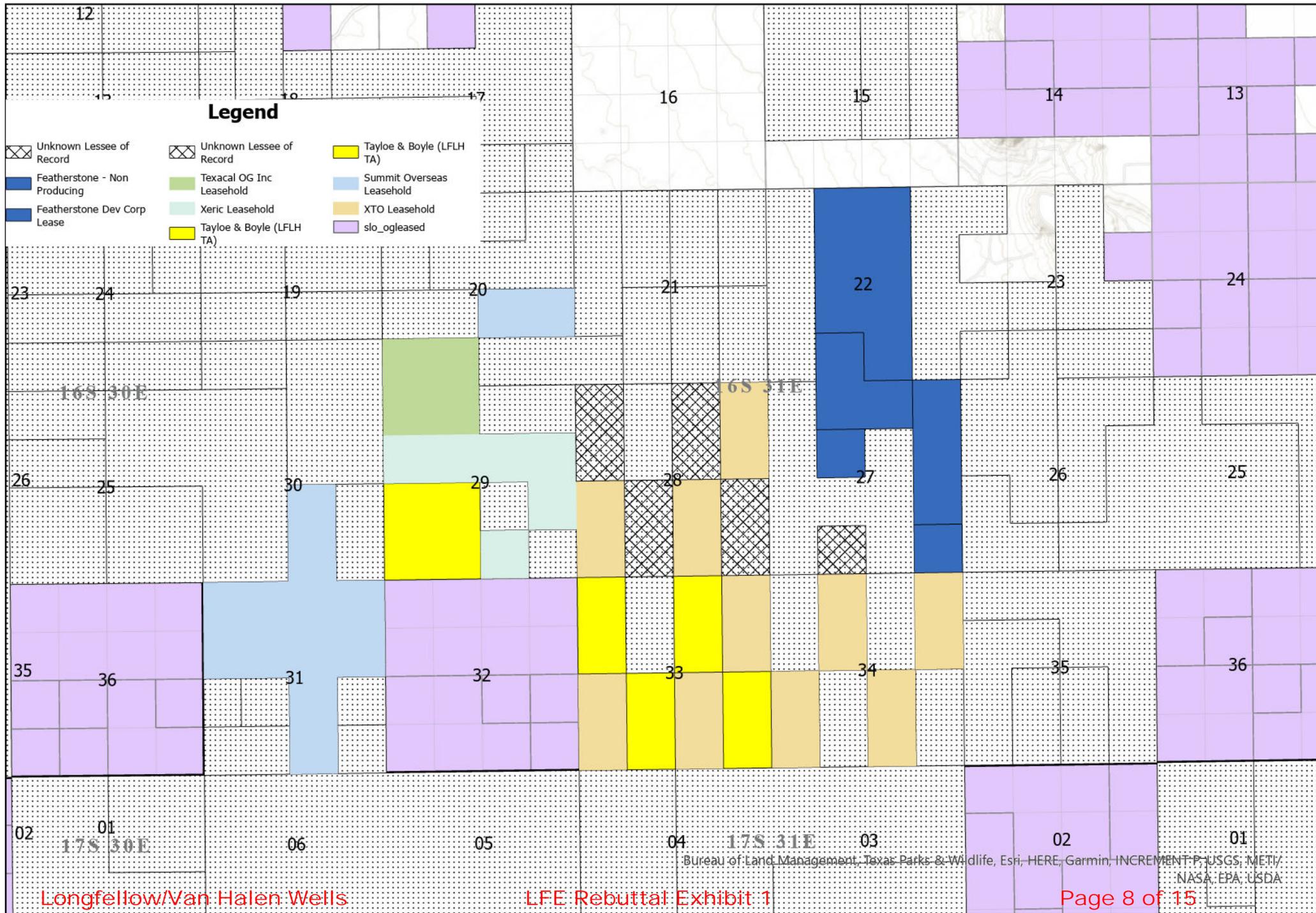
Attachments –

- (1) XTO's leasehold
- (2) All Lessees of Record (short research time we had)
- (3) North Square Unit Boundaries
- (4) XTO's non-debtor order granting relief from the automatic stay



Rebecca L. English
 Vice President, Land

Office 972.366.0951 | Cell 405.550.0214
 8115 Preston Road | Suite 800 | Dallas, TX 75225

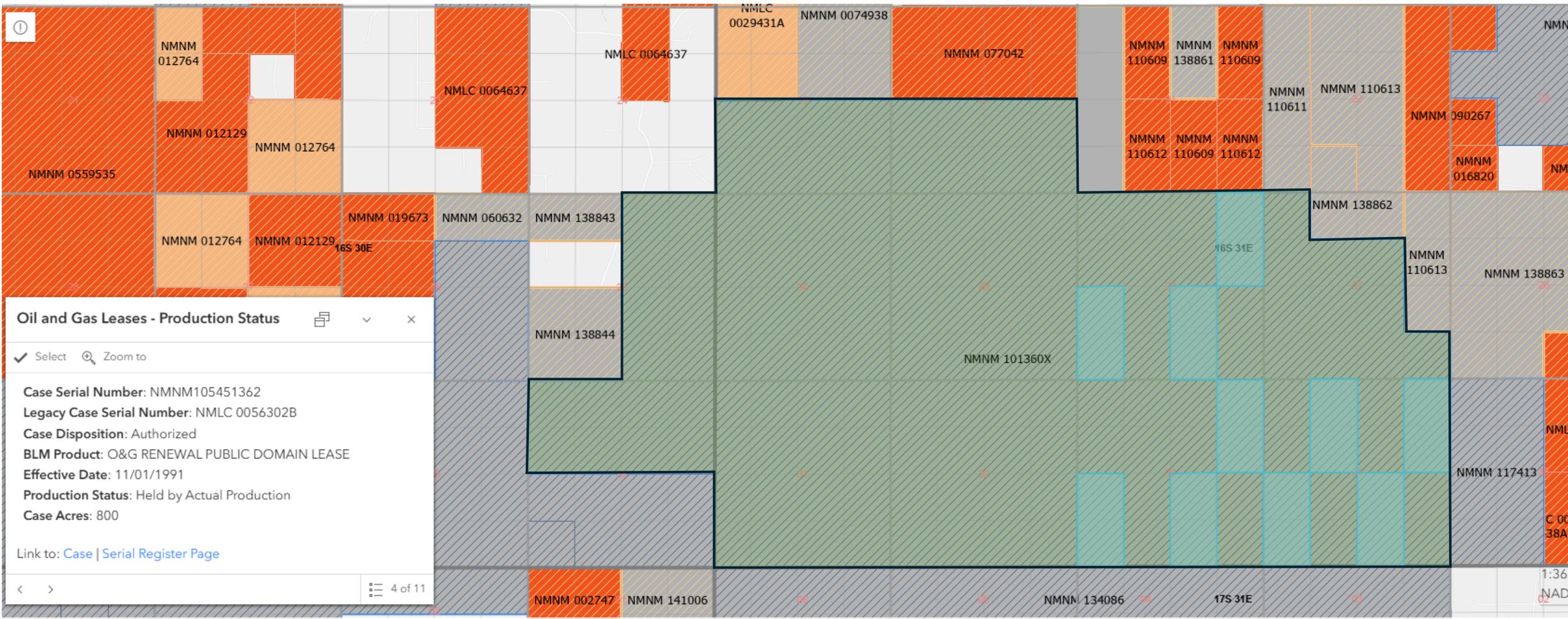


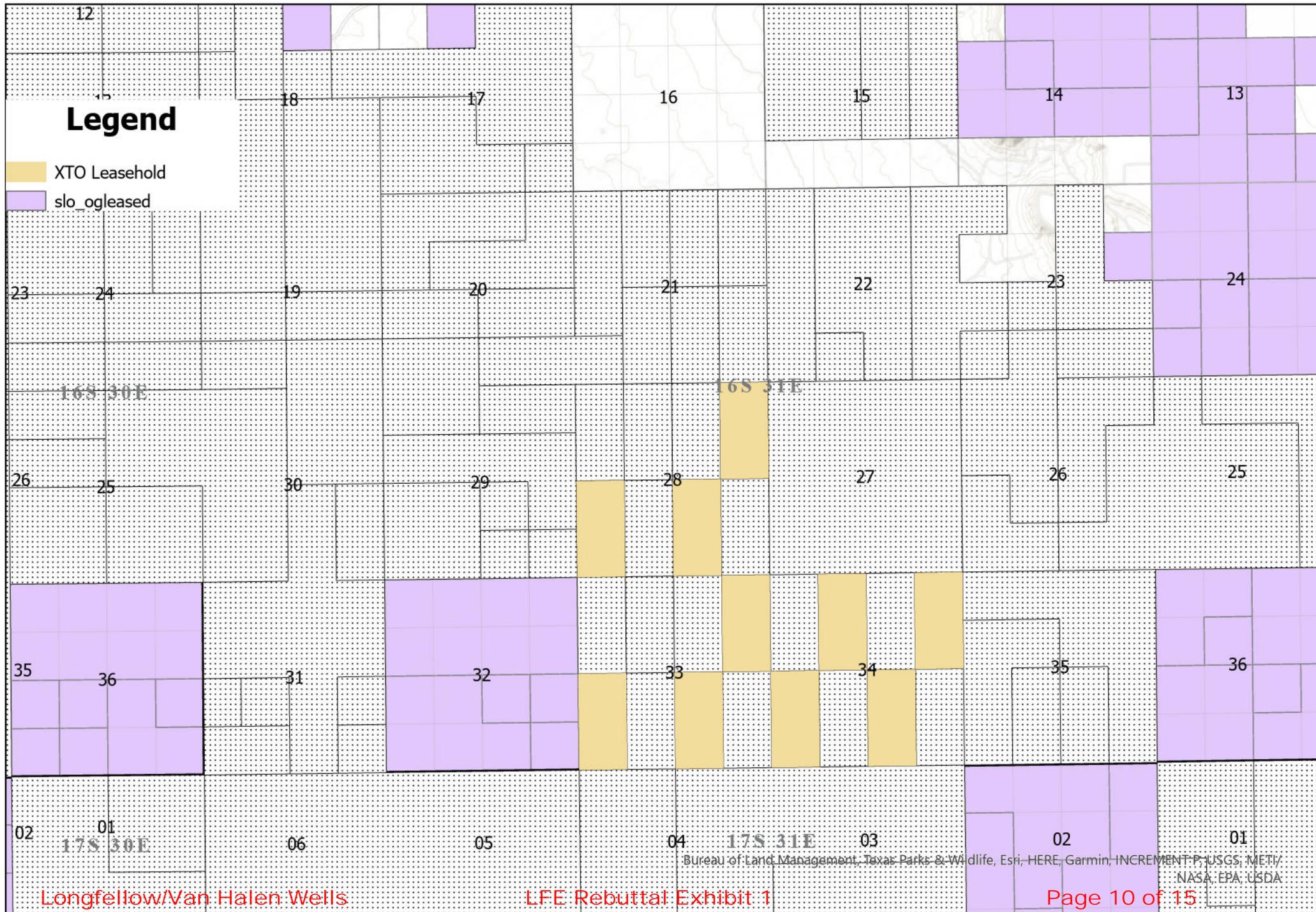
Longfellow/Van Halen Wells

LFE Rebuttal Exhibit 1

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Case No. 25804





Legend

- XTO Leasehold
- slo_ogleased

Longfellow/Van Halen Wells

LFE Rebuttal Exhibit 1

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Case No. 25804



IT IS HEREBY ADJUDGED and DECREED that the below described is SO ORDERED.

Dated: July 23, 2025.


SHAD M. ROBINSON
UNITED STATES BANKRUPTCY JUDGE

**IN THE UNITED STATES BANKRUPTCY COURT
FOR THE WESTERN DISTRICT OF TEXAS
AUSTIN DIVISION**

In re:	Chapter 7
ACACIA OPERATING COMPANY, LLC	24-70194 (SMR)
Debtor.	

**ORDER (I) APPROVING STIPULATION AND (II) GRANTING RELIEF
FROM THE AUTOMATIC STAY UNDER 11 U.S.C. § 362(d)**

CAME ON FOR CONSIDERATION the *Motion for Entry of Order (I) Approving Stipulation and (II) Granting Relief from the Automatic Stay under 11 U.S.C. § 362(d)* (the “Motion”) seeking approval of the stipulation (the “Stipulation”) entered into between Ron Satija, in his capacity as Chapter 7 trustee (the “Trustee”) of the estate of the above-captioned debtor, Acacia Operating Company, LLC (the “Debtor”), and XTO Holdings, LLC (the “Non-Debtor Party”) and entry of an order pursuant to 11 U.S.C. § 362(d) granting the Non-Debtor Party relief from the automatic stay pursuant to this Order; and notice having been adequate and appropriate under the circumstances; and this Court having determined that the legal and factual bases set forth

in the Motion, and after due deliberation, establish just cause for the relief granted herein, it is:

ORDERED that the Motion is GRANTED and the Stipulation is APPROVED; and it is further

ORDERED:

1. The automatic stay pursuant to 11 U.S.C. § 362(a), to the extent it is applicable, is hereby lifted solely to permit the Non-Debtor Party to enter upon the oil and gas leases set forth on **Schedule 1** attached (as may be supplemented upon agreement between the Trustee and the Non-Debtor Party), and perform any and all acts as may be necessary or appropriate respecting demands, orders, or obligations imposed by governmental regulatory authorities with jurisdiction over the Debtor's ownership and operation of oil and gas interests.

2. The Trustee, the Debtor (as directed by the Trustee), and the Non-Debtor Party shall perform any other or further acts, and execute and deliver, including by electronic means (*e.g.*, any regulatory agency's online portal or other electronic platform), any other or further documents and instruments, including, but not limited to, regulatory forms and/or applications, transfer forms and/or applications, consents, recordings, and filings as may be necessary or appropriate to implement this Order.

3. Each and every federal, state, and local governmental agency or department, and any other person or entity, is hereby authorized to accept any and all documents and instruments in connection with or necessary and appropriate to implement this Order.

4. Except for the relief granted in this Order, and notwithstanding the Motion, the Stipulation, the relief granted in this Order, and any actions taken pursuant to this Order, nothing in this Order shall (a) be deemed an admission by the Non-Debtor Party as to the existence or

24-70194-smr Doc#47 Filed 07/23/25 Entered 07/23/25 14:31:57 Main Document Pg 3 of 5

enforceability of any demand, order, obligation, or (b) create, or is intended to create any rights in favor of, or enhance the status of, any claim, right, defense, or interest held by any person or entity.

5. The Non-Debtor Party is, with respect to the bankruptcy estate, released from any and all claims, demands, obligations, judgments, actions, causes of action, liens, indebtedness, and liabilities, known or unknown, in law or equity, for injuries, losses, or damages, of whatever kind or character, whether personal, property, economic, noneconomic, punitive, or consequential arising out of or in any way relating to any actions taken pursuant to this Order.

6. Neither the Non-Debtor Party nor any of its affiliates, officers, directors, partners or any of their respective successors or assigns, as a result of any action taken in connection with implementation of this Order, shall be deemed to be a successor (or other such similarly situated party) to the Debtor, and the Non-Debtor Party is not assuming any liability or obligation of the Debtor or the bankruptcy estate.

7. This Order does not waive or release the Non-Debtor Party's right to assert one or more claims against the bankruptcy estate with respect to any pre- or post-petition obligations of the Debtor consistent with the relief granted herein, and all of the Non-Debtor Party's rights and claims against the Debtor and the estate in this bankruptcy case are preserved.

8. The Non-Debtor Party and its affiliates, agents, contractors, successors, assigns, and representatives are authorized and empowered, but not required, to take all actions necessary to implement the relief granted in this Order.

9. The stay requirement of Rule 4001(a)(3) of the Federal Rules of Bankruptcy Procedure is waived and this Order is immediately effective and enforceable upon entry.

10. This Court retains exclusive jurisdiction with respect to all matters arising from or related to the implementation and enforcement of this Order.

24-70194-smr Doc#47 Filed 07/23/25 Entered 07/23/25 14:31:57 Main Document Pg 4 of 5

END OF ORDER

Submitted by:

Ron Satija
Charlie Shelton
7600 Burnet Road, Suite 530
Austin, TX 78757
Telephone: (737) 881-7100
cshelton@haywardfirm.com,
rsatija@haywardfirm.com
COUNSEL FOR THE CHAPTER 7 TRUSTEE

24-70194-smr Doc#47 Filed 07/23/25 Entered 07/23/25 14:31:57 Main Document Pg 5 of 5

API	WELL NAME	LEASE	LESSEE
30-025-41526	ROCK QUEEN UNIT #318	B1-1332-0016	XTO HOLDINGS, LLC
30-025-00307	ROCK QUEEN UNIT #069	E0-0035-0006	XTO HOLDINGS, LLC
30-025-41527	ROCK QUEEN UNIT #320	E0-0035-0006	XTO HOLDINGS, LLC
30-025-00305	ROCK QUEEN UNIT #073	E0-7494-0002	XTO HOLDINGS, LLC
30-025-00306	ROCK QUEEN UNIT #067	E0-7494-0002	XTO HOLDINGS, LLC
30-025-00304	ROCK QUEEN UNIT #068	E0-7494-0002	XTO HOLDINGS, LLC
30-025-00294	ROCK QUEEN UNIT #007	E0-8005-0007	XTO HOLDINGS, LLC
30-025-00311	ROCK QUEEN UNIT #079	E0-8005-0007	XTO HOLDINGS, LLC
30-025-00312	ROCK QUEEN UNIT #071	E0-8005-0007	XTO HOLDINGS, LLC
30-025-00286	ROCK QUEEN UNIT #002	E0-8005-0007	XTO HOLDINGS, LLC
30-025-00309	ROCK QUEEN UNIT #070	E0-8005-0007	XTO HOLDINGS, LLC
30-025-00310	ROCK QUEEN UNIT #078	E0-8005-0007	XTO HOLDINGS, LLC
30-025-00291	ROCK QUEEN UNIT #004	E0-8149-0002	XTO HOLDINGS, LLC
30-025-00292	ROCK QUEEN UNIT #005	E0-8226-0002	XTO HOLDINGS, LLC
30-005-00866	ROCK QUEEN UNIT #051	USA NMLC-0068288A/ NMNM105555666	XTO HOLDINGS, LLC
30-005-00865	ROCK QUEEN UNIT #052	USA NMLC-0068288A/ NMNM105555666	XTO HOLDINGS, LLC
30-005-00864	ROCK QUEEN UNIT #053	USA NMLC-0068288A/ NMNM105555666	XTO HOLDINGS, LLC
30-005-00863	ROCK QUEEN UNIT #054	USA NMLC-0068288A/ NMNM105555666	XTO HOLDINGS, LLC
30-005-29192	ROCK QUEEN UNIT #301	USA NMLC-0068288A/ NMNM105555666	XTO HOLDINGS, LLC
30-015-10271	NORTH SQUARE LAKE UNIT #114	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-10272	NORTH SQUARE LAKE UNIT #116	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-04985	NORTH SQUARE LAKE UNIT #141	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-04993	NORTH SQUARE LAKE UNIT #153	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-04986	NORTH SQUARE LAKE UNIT #154	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-21771	NORTH SQUARE LAKE UNIT #156	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-04968	NORTH SQUARE LAKE UNIT #166	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-04974	NORTH SQUARE LAKE UNIT #168	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-10345	NORTH SQUARE LAKE UNIT #170	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC
30-015-04995	NORTH SQUARE LAKE UNIT #171	USA NMLC - 056302-B/ NMNM105451362	XTO HOLDINGS, LLC

5,165
+ 960

0-7956651

Schedule 1

Longfellow/Van Halen Wells LFE Rebuttal Exhibit 1

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Tab ,

Ozzy 1817 DX 2-Milers

First 2-mi Extended Laterals in Project

1 Pre-Drill Development Assumptions

1. **Reservoir** – Tier 1 Yeso opportunity offset by with offset vertical drainage
2. **Capital Efficiency** – Options to enhance economics
 - i. Longer Laterals
 - ii. Satellite Pad planned to reduce facilities cost
Commingling not approved after initial AFE
 - iii. Engineered Completions – plan to skip depleted stages.
Actual pressures encountered during stimulation supported economics to complete drained section

2 Important Points

1. **Drilling** – First 2-Mile Laterals in NW Shelf Yeso Play
2. **Completions** – Offset legacy vertical depletion risk reduced pre-drill completion expectations (assume 75% completed lateral)

3 Results

1. **Completed Cost per Lateral Foot** – Compared to 1-Mile Laterals, longer laterals achieved ~23% reduction versus 1-Mile Laterals
2. **Economics** – Reserves recovery produce >30% ROR and sub 2.5 year payout of project



Ozzy DX 2-Milers with Yeso Drainage Bobbles (drainage based on cum. oil)

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Ozzy D 2-Well Pad

AFE Analysis

PROPERTY: OZZY FEDERAL 1817DX #001H

PURPOSE: D&C	PROPOSAL	ACTUAL	OVER/(UNDER)
Drilling	\$ 2,435,396	\$ 3,162,565	\$ 727,170
Completion	\$ 4,153,334	\$ 5,195,325	\$ 1,041,991
Land	\$ 10,000	\$ (1,730)	\$ (11,730)
Pipeline	\$ 18,000	\$ 13,632	\$ (4,368)
Facilities	\$ 523,207	\$ 1,011,395	\$ 488,188
Total	\$ 7,139,937	\$ 9,381,187	\$ 2,241,250
Cost per Completed Foot	\$ 714	\$ 938	\$ 224
			<i>S/Ft</i>
Cost per Completed Mile	\$ 3,569,968	\$ 4,690,593	\$ 469
1-Mile AFE	\$ 6,096,876	\$ 6,096,876	\$ 610
Cost Savings per Mile	\$ (2,526,908)	\$ (1,406,283)	\$ (141)

PROPERTY: OZZY FEDERAL 1817DX #002H

PURPOSE: D&C	PROPOSAL	ACTUAL	OVER/(UNDER)
Drilling	\$ 2,435,396	\$ 2,960,051	\$ 524,655
Completions	\$ 4,153,334	\$ 5,508,593	\$ 1,355,259
Land	\$ 10,000	\$ (1,730)	\$ (11,730)
Pipeline	\$ 33,000	\$ 13,632	\$ (19,368)
Facilities	\$ 508,207	\$ 1,008,581	\$ 500,374
Total	\$ 7,139,937	\$ 9,489,127	\$ 2,349,190
Cost per Completed Foot	\$ 714	\$ 949	\$ 235
			<i>S/Ft</i>
Cost per Completed Mile	\$ 3,569,968	\$ 4,744,563	\$ 474
1-Mile AFE	\$ 6,096,876	\$ 6,096,876	\$ 610
Cost Savings per Mile	\$ (2,526,908)	\$ (1,352,313)	\$ (135)

Drilling

- 1 Shallow gas accumulation (possibly N2)
 - (i) Slowed down surface sections in both wells (resulting in 80hr of NPT)
 - (ii) Had to do 4 additional surface cement jobs and run CBL
- 2 Cold weather caused freeze ups

Completions

- 1 Completed more lateral length than originally planned due to inability to identify depletion
- 2 Switched frac crew to Liberty due to scheduling conflict with Flying-A increased stage cost to from original AFE
- 3 Completions efficiency during frac (time) offset higher service costs
- 4 Due to depletion, drill out was slower compared to Marley BC & D due to loss of mud and requirement to add a trip for tools

Facilities

- 1 Scope changes due to federal interest difference and comingling regulation
 - (i) Gas sales pipeline and meter
 - (ii) Oil heater treater and tanks
 - (iii) LACT
 - (iv) Additional facility piping for the above equipment
 - (v) Added genset and electrical costs associated with CVW not able to supply power

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Note: "ACTUAL" costs listed above as per LFE Jan-2026 accounting actuals