

**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 EXHIBIT(S)

Tab 1 – Compulsory Pooling Application Checklist

for January 8, 2026 Hearing

TabSTF 2938849.1

Tab 1

	A	B
1	COMPULSORY POOLING APPLICATION CHECKLIST	
2	ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
3	Case: 25804	APPLICANT'S RESPONSE
4	Date	January 8, 2026
5	Applicant	Longfellow Energy, L.P.
6	Designated Operator & OGRID (affiliation if applicable)	Longfellow Energy, L.P., 372210
7	Applicant's Counsel:	Spencer Fane, LLP (Sharon T. Shaheen)
8	Case Title:	Application of Longfellow Energy, L.P. for Compulsory Pooling, Eddy County, New Mexico
9	Entries of Appearance/Intervenors:	XTO Holdings, LLC (Hardy McLean LLC)
10	Well Family	Van Halen 33CD
11	Formation/Pool	
12	Formation Name(s) or Vertical Extent:	Yeso Formation
13	Primary Product (Oil or Gas):	Oil
14	Pooling this vertical extent:	Yeso Formation
15	Pool Name and Pool Code (Only if NSP is requested):	
16	Well Location Setback Rules (Only if NSP is Requested):	
17	Spacing Unit	
18	Type (Horizontal/Vertical)	Horizontal
19	Size (Acres)	320 acres
20	Building Blocks:	Quarter-quarter section (40 ac)
21	Orientation:	West-East
22	Description: TRS/County	S/2 of Section 33-16S-31E in Eddy County, New Mexico
23	Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
24	Other Situations	
25	Depth Severance: Y/N. If yes, description	No
26	Proximity Tracts: If yes, description	Yes, N2 S2 of Section 33-16S-31E in Eddy County, New Mexico
27	Proximity Defining Well: if yes, description	Yes, Van Halen 33CD Fed Com 005H well
28	Applicant's Ownership in Each Tract	Tract 1: 100%; Tract 2: 0%; Tract 3: 0%
29	Well(s)	
30	Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed

Longfellow/Van Halen Wells
No. 25804

Tab 1

1 of 4

	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 at ~5,202' Well Orientation: West to East Completion location expected to be standard
32	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 2,310' FSL of Section 33-16S-31E LTP: ~100' FEL and 2,310' FSL of Section 33-16S-31E
33	Completion Target (Formation, TVD and MD)	Yeso- TVD (~5,202'), MD (~10,885')
34	Well #2	Van Halen 33CD Fed Com 002H well, 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 at ~6,129' Well Orientation: West to East Completion location expected to be standard
35	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 2,158' FSL of Section 33-16S-31E LTP: ~100' FEL and 2,158' FSL of Section 33-16S-31E
36	Completion Target (Formation, TVD and MD)	Yeso- TVD (~6,129'), MD (~11,782')
37	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 at ~5,547' Well Orientation: West to East Completion location expected to be standard
38	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 1,784' FSL of Section 33-16S-31E LTP: ~100' FEL and 1,784' FSL of Section 33-16S-31E
39	Completion Target (Formation, TVD and MD)	Yeso- TVD (~5,547'), MD (~11,239')
40	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 at ~6,143' Well Orientation: West to East Completion location expected to be standard
41	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 1,409' FSL of Section 33-16S-31E LTP: ~100' FEL and 1,409' FSL of Section 33-16S-31E
42	Completion Target (Formation, TVD and MD)	Yeso- TVD (~6,143'), MD (~11,796')
43	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 at ~5,202' Well Orientation: West to East Completion location expected to be standard
44	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 1,249' FSL of Section 33-16S-31E LTP: ~100' FEL and 1,249' FSL of Section 33-16S-31E
45	Completion Target (Formation, TVD and MD)	Yeso- TVD (~5,202'), MD (~10,960')

	A	B
46	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 at ~5,541' Well Orientation: West to East Completion location expected to be standard
47	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 874' FSL of Section 33-16S-31E LTP: ~100' FEL and 874' FSL of Section 33-16S-31E
48	Completion Target (Formation, TVD and MD)	Yeso- TVD (~5,541'), MD (~11,215')
49	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 at ~5,191' Well Orientation: West to East Completion location expected to be standard
50	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 500' FSL of Section 33-16S-31E LTP: ~100' FEL and 500' FSL of Section 33-16S-31E
51	Completion Target (Formation, TVD and MD)	Yeso- TVD (~5,191'), MD (~10,918')
52	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 at ~5,202' Well Orientation: West to East Completion location expected to be standard
53	Horizontal Well First and Last Take Points	FTP: ~100' FWL and 339' FSL of Section 33-16S-31E LTP: ~100' FEL and 339' FSL of Section 33-16S-31E
54	Completion Target (Formation, TVD and MD)	Yeso- TVD (~6,139'), MD (~11,849')
55	AFE Capex and Operating Costs	
56	Drilling Supervision/Month \$	\$12,000; see Exhibit A, ¶ 19
57	Production Supervision/Month \$	\$1200; see Exhibit A, ¶ 19
58	Justification for Supervision Costs	See AFEs at Exhibit A-4
59	Requested Risk Charge	200%; see Exhibit A, ¶ 20
60	Notice of Hearing	
61	Proposed Notice of Hearing	Submitted with online filing of Application
62	Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C, C-1, C-2, and C-3
63	Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
64	Ownership Determination	
65	Land Ownership Schematic of the Spacing Unit	Exhibit A-2
66	Tract List (including lease numbers and owners)	Exhibit A-2
67	If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to	n/a
68	Pooled Parties (including ownership type)	Exhibit A-3 and Exhibit A-6

	A	B
69	Unlocatable Parties to be Pooled	See Exhibit C-2
70	Ownership Depth Severance (including percentage above & below)	n/a
71	Joinder	
72	Sample Copy of Proposal Letter	Exhibit A-4
73	List of Interest Owners (ie Exhibit A of JOA)	Exhibits A-2, A-3, and A-6
74	Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
75	Overhead Rates In Proposal Letter	Exhibit A-4 at 2
76	Cost Estimate to Drill and Complete	See AFEs at Exhibit A-4
77	Cost Estimate to Equip Well	See AFEs at Exhibit A-4
78	Cost Estimate for Production Facilities	n/a
79	Geology	
80	Summary (including special considerations)	See Exhibit B, ¶ 11
81	Spacing Unit Schematic	Exhibit A-2
82	Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
83	Well Orientation (with rationale)	Exhibit B, ¶ 11(d)
84	Target Formation	Exhibits B-3 & B-4
85	HSU Cross Section	Exhibit B-3
86	Depth Severance Discussion	n/a
87	Forms, Figures and Tables	
88	C-102	Exhibit A-1
89	Tracts	Exhibit A-2
90	Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
91	General Location Map (including basin)	Exhibit B-1
92	Well Bore Location Map	See Exhibit A-1, Exhibit B-5
93	Structure Contour Map - Subsea Depth	Exhibit B-2
94	Cross Section Location Map (including wells)	Exhibit B-2
95	Cross Section (including Landing Zone)	Exhibit B-3
96	Additional Information	
97	Special Provisions/Stipulations	n/a
98	CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
99	Printed Name (Attorney or Party Representative):	Sharon T. Shaheen
100	Signed Name (Attorney or Party Representative):	Sharon T. Shaheen
101	Date:	Dec. 31, 2025

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 STUART GASTON

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

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

6. LFE proposes to drill the following one-mile wells in 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. The first take point will be approximately 100' FWL and 2,310' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 2,158' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 1,784' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 1,409' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 1,249' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 874' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 500' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 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. The first take point will be approximately 100' FWL and 339' FSL of Section 33-16S-31E, and the last take point will be located approximately 100' FEL and 339' FSL of Section 33-16S-31E.
7. The Van Halen 33CD Fed Com 005H well is a proximity well. With the proximity tracts, the completed intervals will meet standard setback requirements.
 8. The first and last take points of all wells will meet standard setback requirements.
 9. 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.
 10. A Form C-102 for each well is included as **Exhibit A-1**. The Form C-102 also indicates the locations of each surface hole, bottom hole, and the first and last take points.
 11. A plat of the proposed spacing unit showing tracts, lists of tract ownership, and applicable lease numbers are included in **Exhibit A-2**.
 12. **Exhibit A-3** includes the unit recap, highlighting the pooled parties.
 13. A sample of the well proposal letter and the authority for expenditure ("AFE") for each well is included in **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.
 14. A chronology of contacts with the non-joined working interest owners is attached as **Exhibit A-5**.

15. **Exhibit A-6** provides a list of owners, commitment status, and type of agreement with or notice provided to each.

16. There are no depth severances in the formations being pooled.

17. I have conducted a diligent search of the public records in Eddy County, New Mexico, where the wells will be located, and conducted phone directory and computer searches to obtain contact information for parties entitled to notification. I mailed all working interest owners a well proposal, including an Authorization for Expenditure ("AFE"), for each well.

18. LFE has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

19. LFE requests the Division to approve 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.

20. LFE requests the maximum cost, plus 200% risk charge, be assessed against non-consenting working interest owners.

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

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

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

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

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



Stuart Gaston

12/22/2025
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 checked="" type="checkbox"/> Initial Submittal	
		<input type="checkbox"/> Amended Report	
		<input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 001H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.7
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2251 SOUTH	Ft. from E/W 1802 EAST	Latitude 32.8769967°N	Longitude 103.8892029°W	County EDDY
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Bottom Hole Location

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

Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

OPERATOR CERTIFICATIONS

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.

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.


Signature Date **7-23-25**

BRIAN WOOD (505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10423

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

No. 25894

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

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

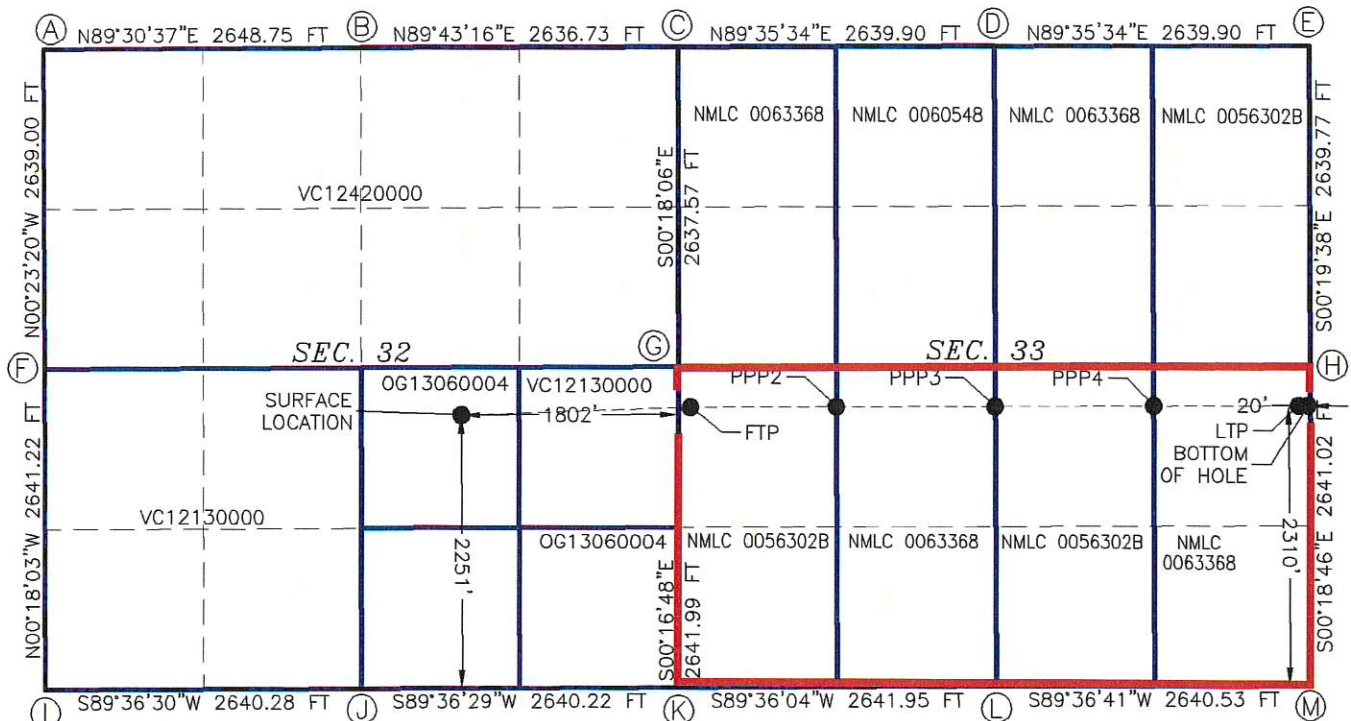
PPP2
2310' FSL, 1320' FWL
N.=683152.64
E.=680807.15
LAT.=32.8771819°N
LONG.=103.8790377°W

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

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 002H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.6
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2231 SOUTH	Ft. from E/W 1800 EAST	Latitude 32.8769421°N	Longitude 103.8891970°W	County EDDY
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Bottom Hole Location

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2158 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8767914°N	Longitude 103.8662035°W	County EDDY
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Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2231 SOUTH	Ft. from E/W 1800 EAST	Latitude 32.8769421°N	Longitude 103.8891970°W	County EDDY
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First Take Point (FTP)

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2158 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8767908°N	Longitude 103.8664639°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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.

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.


Signature Date 7-24-25

BRIAN WOOD (505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10424

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 3 of 16

No. 25804

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 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

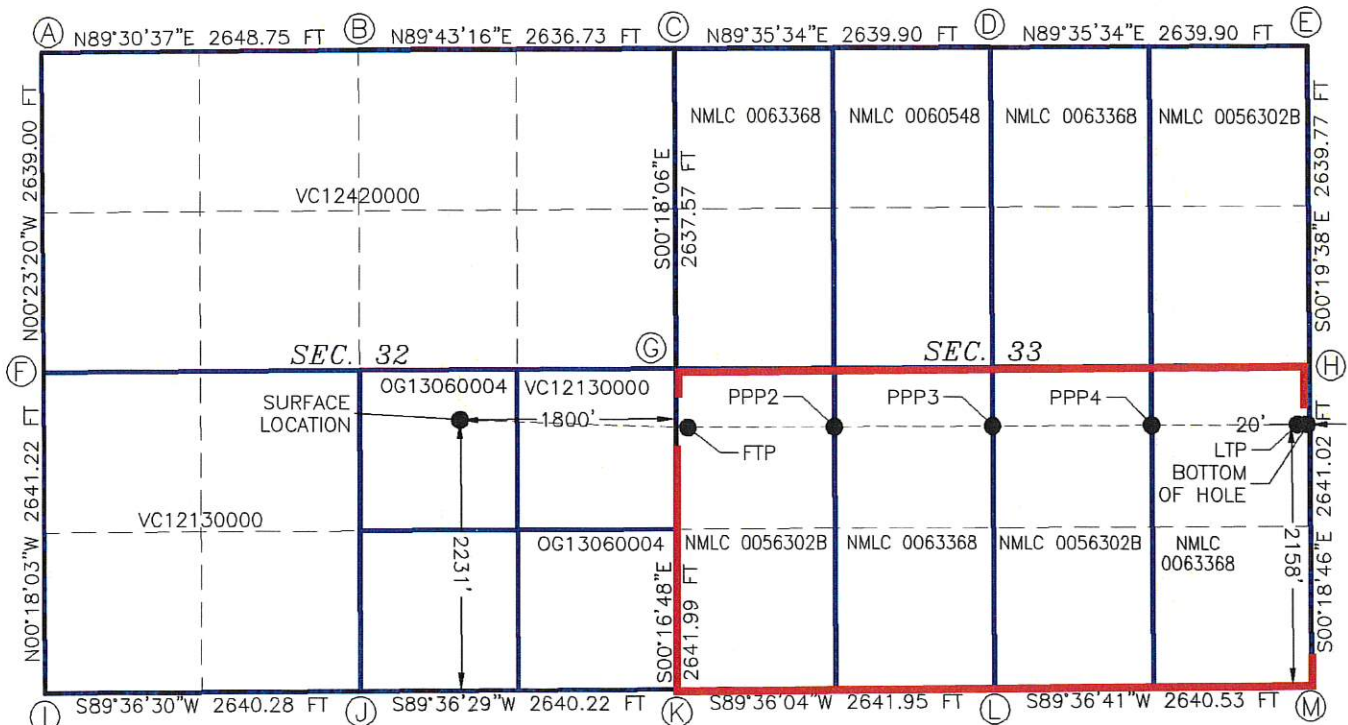
PPP2
2158' FSL, 1320' FWL
N.=683000.68
E.=680807.95
LAT.=32.8767642°N
LONG.=103.8790372°W

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

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 003H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.3
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2211 SOUTH	Ft. from E/W 1798 EAST	Latitude 32.8768877°N	Longitude 103.8891905°W	County EDDY
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Bottom Hole Location

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

Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2211 SOUTH	Ft. from E/W 1798 EAST	Latitude 32.8768877°N	Longitude 103.8891905°W	County EDDY
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First Take Point (FTP)

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

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

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

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.

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.


7-24-25

Signature

Date

BRIAN WOOD

(505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10425

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 5 of 16

No. 25894

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 003H
EL. = 3911.3

GEODETTIC 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

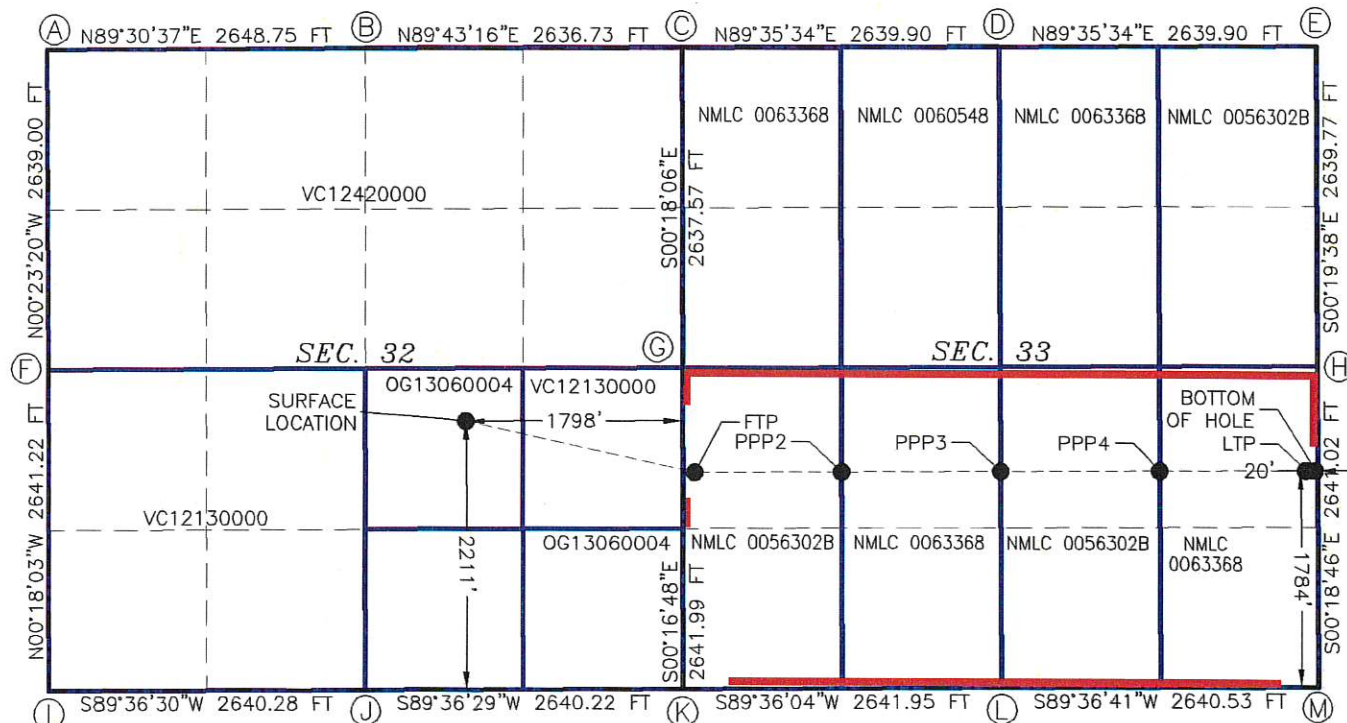
CORNER COORDINATES TABLE

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

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO	
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 004H	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.4	
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2191 SOUTH	Ft. from E/W 1796 EAST	Latitude 32.8768326°N	Longitude 103.8891847°W	County EDDY
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Bottom Hole Location

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1409 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8747332°N	Longitude 103.8662009°W	County EDDY
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Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33XD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL J	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2191 SOUTH	Ft. from E/W 1796 EAST	Latitude 32.8768326°N	Longitude 103.8891847°W	County EDDY
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First Take Point (FTP)

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1409 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8747327°N	Longitude 103.8664614°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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.

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Signature

7-25-25
Date

BRIAN WOOD

(505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10426

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

No. 25894

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 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

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

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

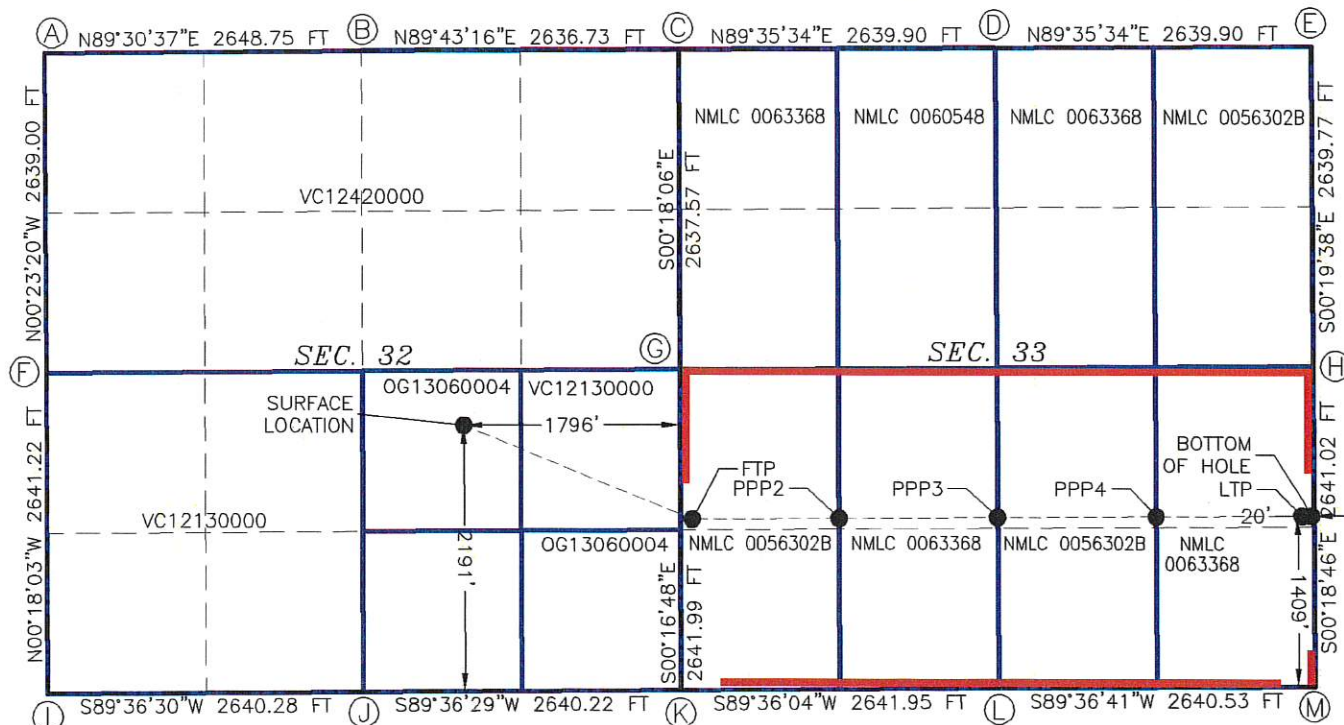
K - N.=680834.18 E.=679498.71

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

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 005H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3902.3
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" 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 320.00	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
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 checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	--	-------------------------

OPERATOR CERTIFICATIONS

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.

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.


7-25-25

Signature

Date

BRIAN WOOD

(505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10427

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

No. 25894

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 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

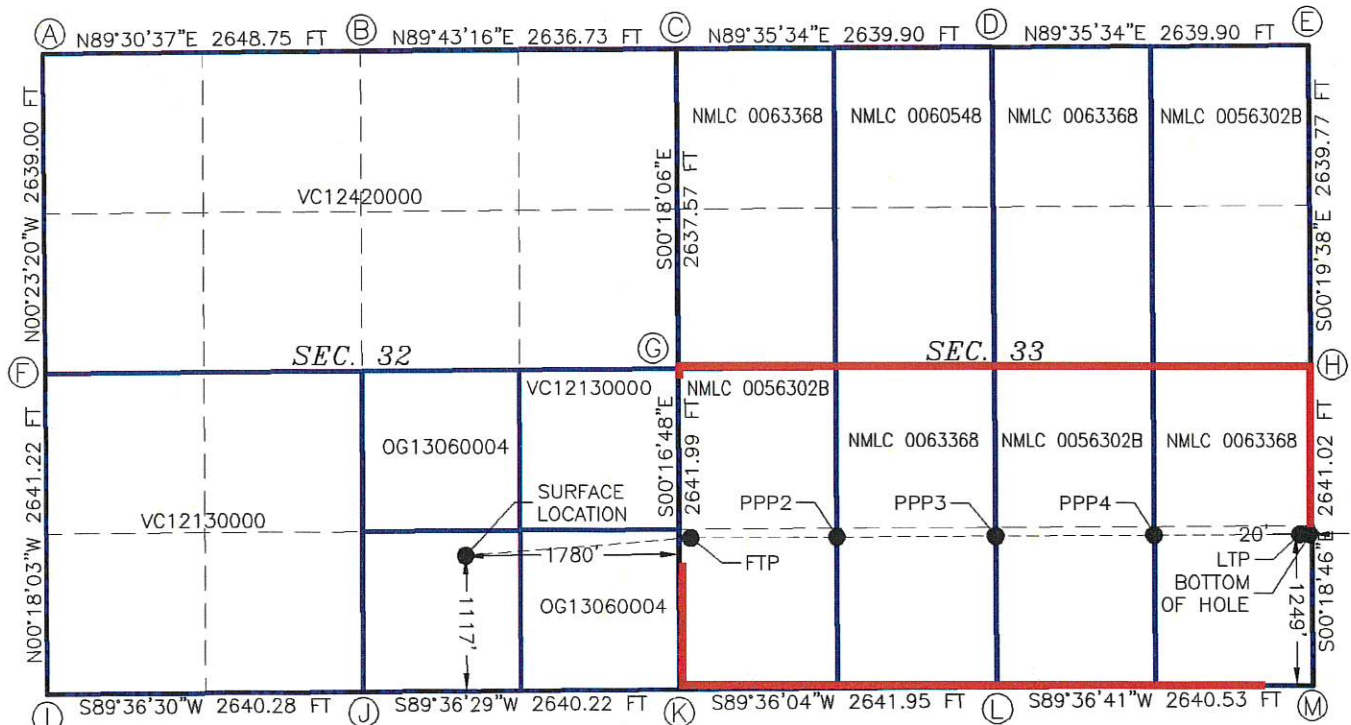
PPP2
1249' FSL, 1320' FWL
N.=682091.92
E.=680812.74
LAT.=32.8742664°N
LONG.=103.8790343°W

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 3, 2024	
	Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal		
		<input type="checkbox"/> Amended Report		
		<input type="checkbox"/> As Drilled		

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO	
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 006H	
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3901.2	
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

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

Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
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 1101 SOUTH	Ft. from E/W 1791 EAST	Latitude 32.8738370°N	Longitude 103.8891672°W	County EDDY
----------------	----------------------	-------------------------	----------------------	-----	-----------------------------------	----------------------------------	---------------------------------	-----------------------------------	-----------------------

First Take Point (FTP)

UL M	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 874 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8732273°N	Longitude 103.8830079°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 874 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8732626°N	Longitude 103.8664596°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	--	-------------------------

OPERATOR CERTIFICATIONS

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.

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.

[Signature]
Signature Date **7-30-25**

BRIAN WOOD (505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10428

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 11 of 16

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

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

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

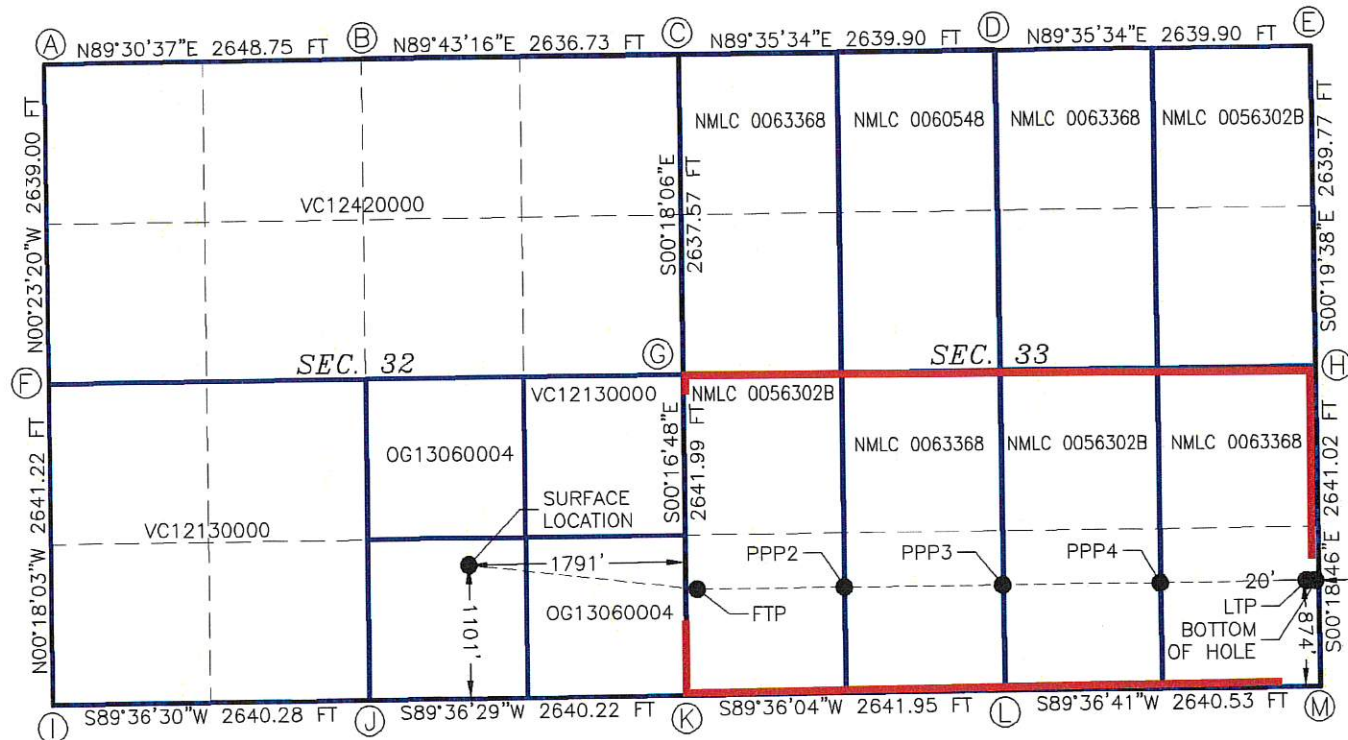
PPP2
874' FSL, 1321' FWL
N.=681717.03
E.=680814.71
LAT.=32.8732360°N
LONG.=103.8790331°W

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.=684755.08
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



Longfellow/Van Halen Wells

Exhibit A-1

Page 12 of 16

Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 5, 2024
	Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal	
		<input type="checkbox"/> Amended Report	
		<input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 007H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3900.9
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

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

Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" 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 1084 SOUTH	Ft. from E/W 1803 EAST	Latitude 32.8737918°N	Longitude 103.8892043°W	County EDDY
----------------	----------------------	-------------------------	----------------------	-----	-----------------------------------	----------------------------------	---------------------------------	-----------------------------------	-----------------------

First Take Point (FTP)

UL M	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 500 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8721996°N	Longitude 103.8830071°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 500 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8722349°N	Longitude 103.8664583°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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.

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.

Signature **Brian Wood** Date **7-30-25**

BRIAN WOOD (505) 466-8120

Printed Name
brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10429

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 13 of 16

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

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

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

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

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

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

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

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

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

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

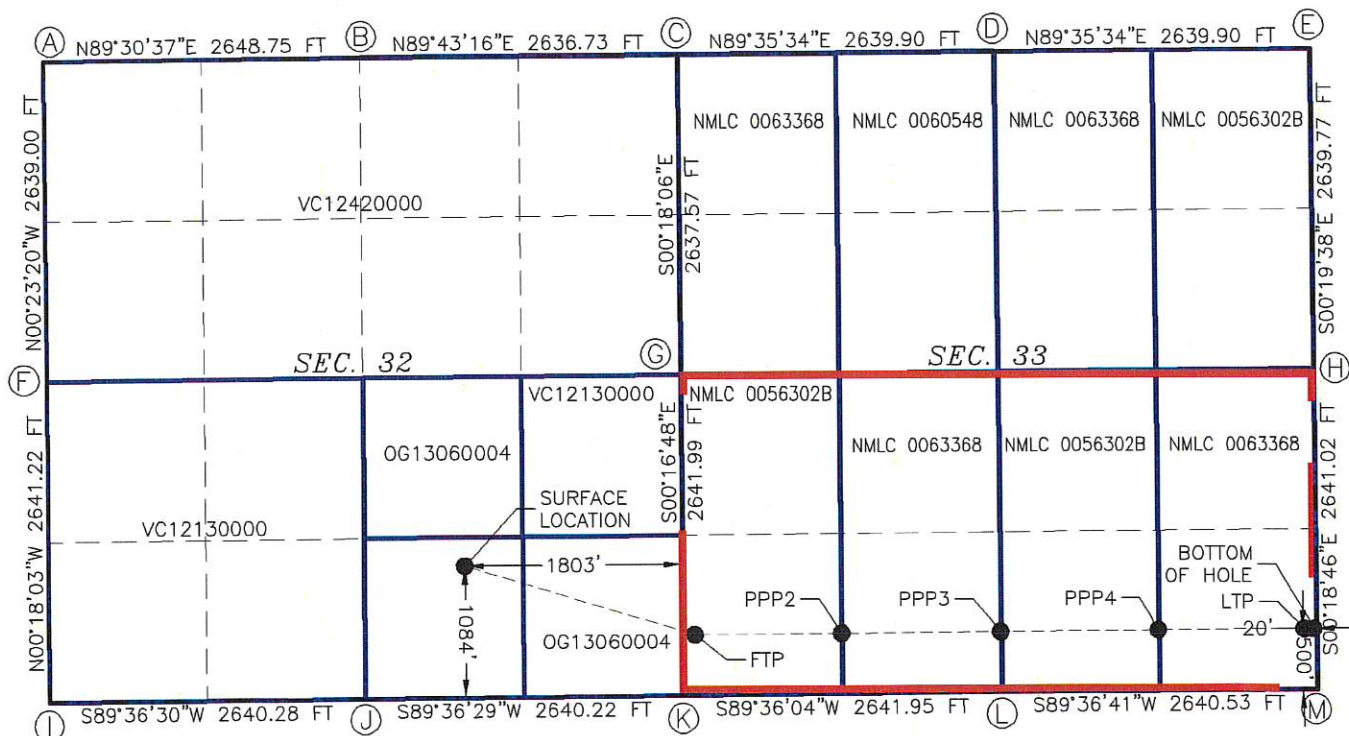
CORNER COORDINATES TABLE

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

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 008H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3901.0
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

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

Dedicated Acres 320.00	Infill or Defining Well INFILL	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
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 1068 SOUTH	Ft. from E/W 1814 EAST	Latitude 32.8737466°N	Longitude 103.8892413°W	County EDDY
---------	---------------	------------------	---------------	-----	----------------------------	---------------------------	--------------------------	----------------------------	----------------

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

OPERATOR CERTIFICATIONS

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.

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.


Signature Date 7-31-25

BRIAN WOOD (505) 466-8120

Printed Name
brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10430

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 15 of 16

No. 25894

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 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

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

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

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

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

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

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

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

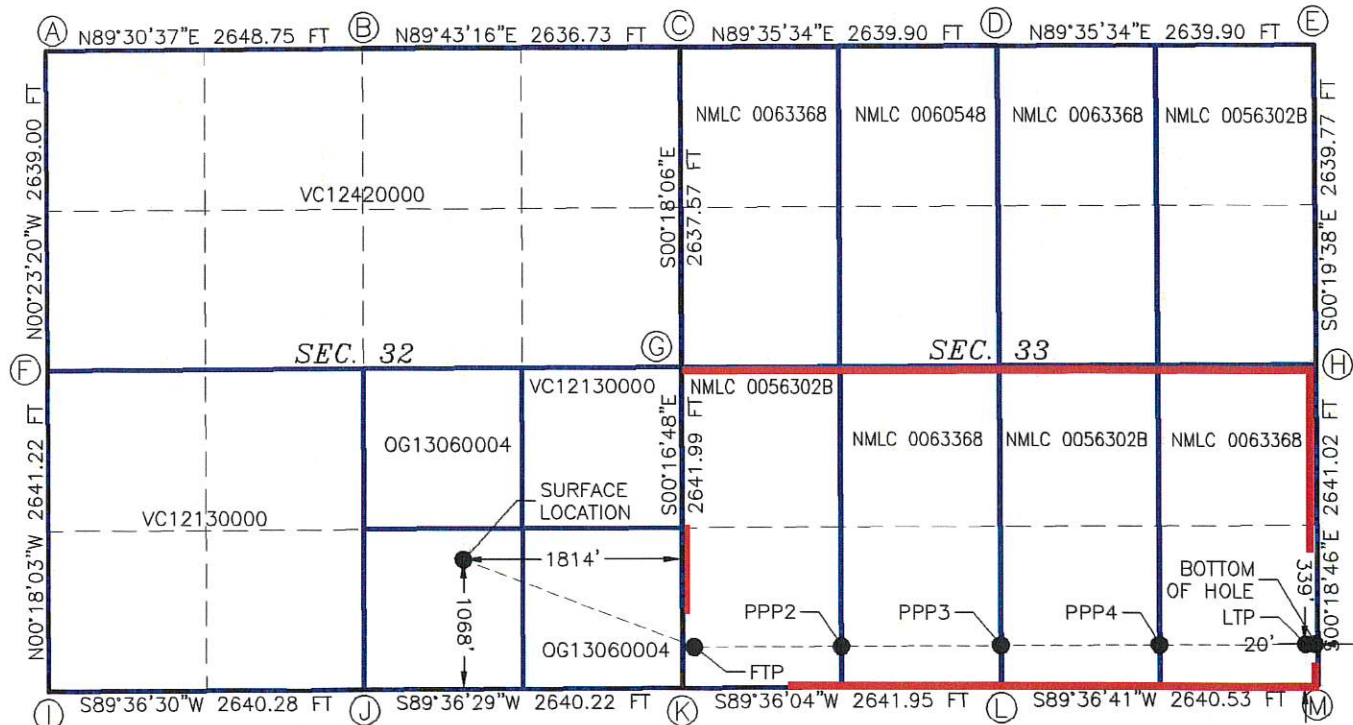
CORNER COORDINATES TABLE

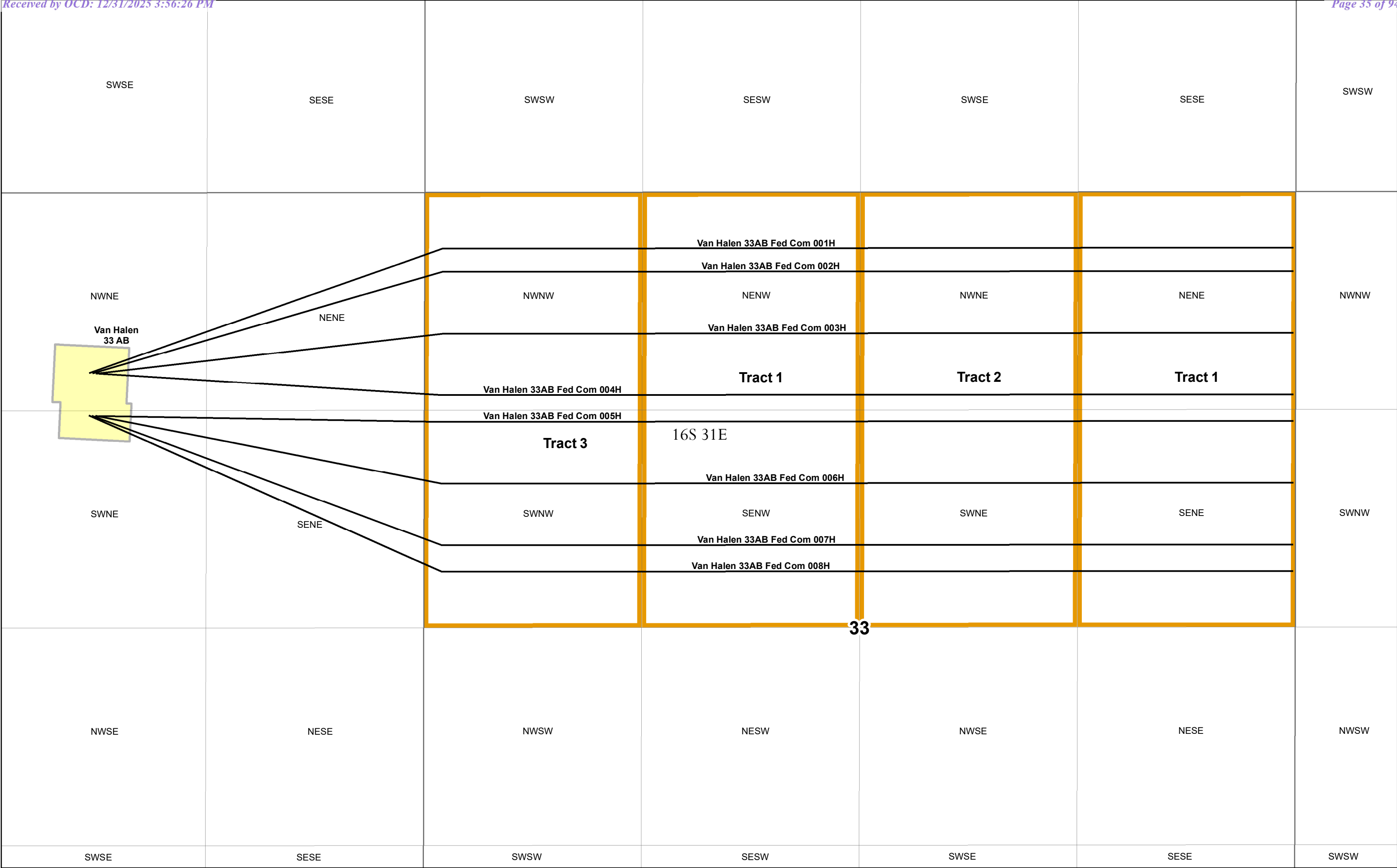
NAD 83 NMSP EAST

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





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	JR Oil, Ltd.	26.66667	33.33%	8.33%
2	BP America Production Company **			
	Apache Corporation **			
	Hilcorp Energy 1, L. P. **	26.66667	33.33%	8.33%
2	OXY USA WTP Limited Partnership	26.66667	33.33%	8.33%
		26.66667	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.

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
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 1, L. P. **	1111 Travis St, Houston, TX 77002						
OXY USA WTP Limited Partnership	5 E Greenway Plaza Houston, TX 77046	Working Interest	2	26.666667	0.083333333	0.066666667	Force Pool
XTO Holdings, LLC	ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425	Working Interest	3	80.000000	0.250000000	0.200000000	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 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.



August 1, 2025

Oxy USA WTP LP
5 Greenway Plaza, Suite 110
Houston, TX 77046

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, **Oxy USA WTP LP** 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 19

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.

Oxy USA WTP LP

By: _____

Print Name: _____

Title: _____



OPERATOR: Longfellow Energy, LP					
LEASE: Van Halen Federal Com 33CD		WELL NO. #1H	FIELD: Yeso	AFE #:	DATE: 8/01/2025
LOCATION: Loco Hills, NM			PROPOSED TD:	ft (MD)	
OBJECTIVE: Drill and complete Yeso Hz		Estimated @	VERTICAL		RE-ENTRY
OBJECTIVE:			HORIZONTAL	X	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	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	@	ft	TVD	WORKOVER
OBJECTIVE:				ft		
OBJECTIVE:						
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
3-27	Trucking- Kill Truck
3-28	Water Transfer- 10", Poly, Fill Pit
3-29	Water Hauling - Fresh
3-30	SW Disposal- Hauling, Paid Disposal, Poly
3-31	Slickline Work
3-32	Reverse Unit / Power Swivel
3-33	Completion Rig / Daywork
3-34	7 days @ \$3,200 / day
3-35	Anchors
3-36	Drill bits, Under-reamers, Etc.
3-37	Coiled Tubing Unit
3-38	Completion Fluids - Mud, Etc.
3-39	DH Tool Rental
3-40	Fishing Tool Rental
3-41	Tubing Testing, Rental & Inspection
3-42	Press Control Equip Rental- BOPE, Frac Stack, Lubricator
3-43	Well Testing Equipment & Labor
3-44	Technical Labor
3-45	Miscellaneous Completion
3-46	Contingencies Completion

TOTAL INTANGIBLE COMPLETION COSTS:

TANGIBLE COMPLETION COSTS:

4-00	** IDC - COMPLETION **
4-01	Tubing
4-02	Packers
4-03	Plugs
4-04	Blast Joint
4-05	Miscellaneous Completion Equipment
4-06	Environmental Equipment
4-07	Compression Equipment
4-08	Dehydration Equipment
4-09	Electrical Equipment - Motors, Etc.
4-10	Automation Equipment
4-11	Injection / Transfer Pump
4-12	Meter & Meter Run
4-13	Salt Water Tanks
4-14	Production Tanks
4-15	Separation Equipment
4-16	Pump
4-17	Pumping Unit
4-18	Rod String
4-19	Size Class Length
4-20	Tubing Head
4-21	Valves, Gauges and Miscellaneous
4-22	Artificial Lift and Accessories
4-23	Flowline

TOTAL TANGIBLE COMPLETION COSTS:

TOTAL DRILLING COST

TOTAL COMPLETION COST

TOTAL COMPLETED WELL COST

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20 _____

	\$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 \$0

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

	\$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			

\$1,859,633 \$261,000 \$332,143 \$0 \$0

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

\$6,096,876

\$6,096,876



OPERATOR: Longfellow Energy, LP	WELL NO. #2H	FIELD: Yes	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 @	VERTICAL		RE-ENTRY
OBJECTIVE:	ft	HORIZONTAL	X	WORKOVER
REMARKS:				
				REVIEWED BY:

INTANGIBLE DRILLING COSTS					DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
1-00	** IDC - DRILLING **									
1-02	Rig Diesel				\$45,000					
1-03	Rig Rentals				\$23,500					
1-04	Location / Construction				\$83,500					Three wells per pad
1-05	Drilling Insurance				\$5,000					
1-06	Permits				\$3,500					
1-07	Title Opinion / Regulatory Fees				\$41,000					
1-08	Survey				\$15,000					
1-10	Right-of-Way				\$15,000					
1-12	Pit Lining / Fences				\$0					
1-14	Trucking				\$18,750					
1-16	Air / Gas Services				\$0					
1-18	Supervision				\$57,600					
1-19	Drilling Overhead				\$25,000					
1-20	Rig Mobilization / Demobilization				\$95,000					Three wells per pad
1-22	Bits / Underreamers, Etc.				\$60,600					
1-23	Directional Tools & Supervision				\$155,000					
1-24	Hammer Rental / Supervision				\$0					
1-25	Cement Plug / Squeeze				\$0					
1-26	Drilling Mud & Transportation				\$40,000					
1-27	Mud Diesel				\$0					
1-28	Mud Logging				\$9,400					
1-29	Mud Remediation				\$0					
1-30	Drill String & BHA Rental				\$35,000					
1-31	Coring				\$0					
1-32	Drill Stem Tests				\$0					
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day				\$225,960					
1-36	Casing Crews, PU & LD				\$20,000					
1-38	Fishing Tool Rentals				\$0					
1-40	Rathole / Mousehole / Conductor				\$28,100					
1-42	Water - Fresh / Brine				\$30,000					
1-43	Waste Water / Mud Disposal				\$20,000					
1-44	Well Control Equipment				\$1,500					
1-46	Trash Trailer				\$1,500					
1-48	Surface Pipe Cementing				\$28,000					
1-50	Intermediate Pipe Cementing				\$37,500					
1-51	Contractor Ser. (Roustabout, Testor, etc.)				\$45,000					
1-52	Production Casing Cementing				\$48,000					
1-56	Open-Hole Logging OH Logs + Geosteering				\$0					
1-58	Drilling Contingencies 5%				\$68,673					
1-60	Surface Damages				\$3,750					
1-62	Rotating Head & Expendables				\$4,800					
1-64	Miscellaneous Drilling				\$105,000					
1-66	Welding During Drilling				\$4,500					
1-68	Miscellaneous Equipment Rentals				\$22,000					
1-70	Centralizers & Float Equipment				\$20,000					
TOTAL INTANGIBLE DRILLING COSTS:					\$1,442,133	\$0	\$0	\$0	\$0	
TANGIBLE DRILLING COSTS:					DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
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'	\$27,400				
2-02	9-5/8"	J-55	36.00	LT&C	1400	\$56,000				
2-04	7"	HCL-80	32.00	BK-HT	4,300'	\$159,100				
2-06	5 1/2"	HCL-80	20.00	BK-HT	5,500'	\$137,500				
DRILLING - SURFACE EQUIPMENT										
2-10	Casinghead(s)				\$35,000					
2-12	Liner Hanger & Packer									
2-14	Open Hole Packers and Sleeves									
2-16	Miscellaneous				\$2,500					
2-18	Flowline & Valves									
TOTAL TANGIBLE DRILLING COSTS:					\$417,500	\$0	\$0	\$0	\$0	
INTANGIBLE COMPLETION COSTS:					DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL



OPERATOR: Longfellow Energy, LP		WELL NO. #2H		FIELD: Yesso		AFE #:		DATE: 8/01/2025	
LEASE: Van Halen Federal Com 33CD						PROPOSED TD:			
LOCATION: Loco Hills, NM						VERTICAL		RE-ENTRY	
OBJECTIVE: Drill and complete Yesso Htz		Estimated @		ft TVD		HORIZONTAL		WORKOVER	
OBJECTIVE:				ft		X			
OBJECTIVE:									
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, Unde-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		
TOTAL INTANGIBLE COMPLETION COSTS:			

TOTAL INTANGIBLE COMPLETION COSTS:
TANGIBLE COMPLETION COSTS:

4-00	** IDC - COMPLETION **
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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									
	<table><tr><th>Size</th><th>Class</th><th>Length</th></tr><tr><td>in</td><td></td><td>ft</td></tr><tr><td>in</td><td></td><td>ft</td></tr></table>	Size	Class	Length	in		ft	in		ft
Size	Class	Length								
in		ft								
in		ft								
4-32	Tubing Head									
4-34	Valves, Gauges and Miscellaneous									
4-38	Artificial Lift and Accessories									
4-40	Flowline									

TOTAL TANGIBLE COMPLETION COSTS:TOTAL DRILLING COST

TOTAL COMPLETION COST	
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TOTAL COMPLETED WELL COST

Approved by: _____

Company: _____

Title: _____

Signed this Day of 20

	\$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	\$0

DRILLING	COMPLETION	EAC-BAT	EAC-OIL PIPE	EAC-POWER	SUPPLEMENTAL
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DRUGS	CONCENTRATION	TIME	TIME	TIME	TIME

	\$26,000				2 7/8" J-55
	\$30,000				Cap string, misc surf, etc
		\$21,429			
		\$17,143			
		\$57,143			
		\$28,571			
		\$7,857			
		\$12,857			
		\$21,429			
		\$35,714			
		\$57,143			
	\$165,000				ESP
	\$5,000				
		\$42,857			
	\$35,000				VFD Split
		\$30,000			

	\$261,000	\$332,143	\$0	\$0
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	\$1,859,633	
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	\$3,531,750	\$705,493	\$0	\$0
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	\$6,096,876	
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OPERATOR:	Longfellow Energy, LP				
LEASE:	Van Halen Federal Com 33CD	WELL NO. #3H	FIELD: Yes	AFE #:	DATE: 8/01/2025
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:		

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
\$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	
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			
LEASE:	Van Halen Federal Com 33CD	WELL NO. #3H	FIELD: Yeso	AFE #:
LOCATION:	Loco Hills, NM		PROPOSED TD:	DATE: 8/01/2025
OBJECTIVE:	Drill and complete Yeso H ₂	Estimated @	VERTICAL	ft (MD)
OBJECTIVE:		ft	HORIZONTAL	RE-ENTRY
REMARKS:				
	REVIEWED BY:			

3-00	** IDC - COMPLETION **
3-02	Acidizing
3-04	Fracturing
3-06	Perforating
3-08	Cased Hole Logging
3-10	CO ₂ / 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
	Miscellaneous Completion
	Contingencies Completion 5%
TOTAL INTANGIBLE 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

TOTAL TANGIBLE COMPLETION COSTS:	
TOTAL DRILLING COST	
TOTAL COMPLETION COST	
TOTAL COMPLETED WELL COST	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20 _____

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
	\$1,450,000				75 bpf, 135 bpm
	\$150,000				\$4500 / stage (self-oriented)
		\$128,571			
	\$55,000	\$100,000			CVE Hook-Up
	\$5,000				LFE Tanks & Acid tanks
	\$20,000				
		\$127,000			25 Stages
	\$28,000				
	\$65,000				Water hauling/ Surf clean-up
	\$25,000				Pump down
	\$35,000				
	\$40,000				\$1.4 / bbl
	\$205,000				
	\$535,000				
	\$10,000				
	\$55,000				Pre-ops
	\$14,000				Drill-out and ESP
	\$35,000				
	\$1,500				
	\$3,500				
	\$185,000				Mud, Scale & Tracer
	\$18,000				
	\$120,000				
	\$40,000				
	\$20,000				
	\$155,750	\$17,779			10% Contingency
\$0	\$3,270,750	\$373,350	\$0	\$0	
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
	\$26,000				2 7/8" J-55
	\$30,000				Cap string, misc surf, etc
		\$21,429			
		\$17,143			
		\$57,143			
		\$28,571			
		\$7,857			
		\$12,857			
		\$21,429			
		\$35,714			
		\$57,143			
	\$165,000				ESP
	\$5,000				
		\$42,857			
	\$35,000				VFD Split
		\$30,000			
\$1,859,633	\$261,000	\$332,143	\$0	\$0	
\$3,531,750	\$705,493	\$0	\$0		
					\$6,096,876



OPERATOR: Longfellow Energy, LP		WELL NO. #4H		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 H ₂		Estimated @		ft TVD		HORIZONTAL		WORKOVER	
OBJECTIVE:						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- Pories, 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, Unde-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:

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		

TOTAL TANGIBLE COMPLETION COSTS:**TOTAL DRILLING COST****TOTAL COMPLETION COST****TOTAL COMPLETED WELL COST**

Approved by: _____

Company: _____

Title: _____

Signed this Day of 20

	\$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		

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER
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	\$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 TANGIBLE COMPLETION COSTS:**TOTAL DRILLING COST****TOTAL COMPLETION COST****TOTAL COMPLETED WELL COST**

Approved by: _____

Company: _____

Title: _____

Signed this Day of 20

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

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**

Approved by: _____

Company: _____

Title: _____

Signed this Day of 20



OPERATOR:	Longfellow Energy, LP				
LEASE: Van Halen Federal Com 33CD	WELL NO. #5H	FIELD: Yeso	AFE #:	DATE: 8/01/2025	
LOCATION: Loco Hills, NM			PROPOSED TD:	ft (MD)	
OBJECTIVE: Drill and complete Yeso H2	Estimated @	ft TVD	VERTICAL		RE-ENTRY
OBJECTIVE:		ft	HORIZONTAL	X	WORKOVER
OBJECTIVE:					
REMARKS:			REVIEWED BY:		

INTANGIBLE DRILLING COSTS			DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
1-00	** IDC - DRILLING **							
1-02	Rig Diesel		\$45,000					
1-03	Rig Rentals		\$23,500					
1-04	Location / Construction		\$83,500					Three wells per pad
1-05	Drilling Insurance		\$5,000					
1-06	Permits		\$3,500					
1-07	Title Opinion / Regulatory Fees		\$41,000					
1-08	Survey		\$15,000					
1-10	Right-of-Way		\$15,000					
1-12	Pit Lining / Fences		\$0					
1-14	Trucking		\$18,750					
1-16	Air / Gas Services		\$0					
1-18	Supervision		\$57,600					
1-19	Drilling Overhead		\$25,000					
1-20	Rig Mobilization / Demobilization		\$95,000					Three wells per pad
1-22	Bits / Underreamers, Etc.		\$60,600					
1-23	Directional Tools & Supervision		\$155,000					
1-24	Hammer Rental / Supervision		\$0					
1-25	Cement Plug / Squeeze		\$0					
1-26	Drilling Mud & Transportation		\$40,000					
1-27	Mud Diesel		\$0					
1-28	Mud Logging		\$9,400					
1-29	Mud Remediation		\$0					
1-30	Drill String & BHA Rental		\$35,000					
1-31	Coring		\$0					
1-32	Drill Stem Tests		\$0					
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day		\$225,960					
1-36	Casing Crews, PU & LD		\$20,000					
1-38	Fishing Tool Rentals		\$0					
1-40	Rathole / Mousehole / Conductor		\$28,100					
1-42	Water - Fresh / Brine		\$30,000					
1-43	Waste Water / Mud Disposal		\$20,000					
1-44	Well Control Equipment		\$1,500					
1-46	Trash Trailer		\$1,500					
1-48	Surface Pipe Cementing		\$28,000					
1-50	Intermediate Pipe Cementing		\$37,500					
1-51	Contractor Ser (Roustabout, Testor, etc.)		\$45,000					
1-52	Production Casing Cementing		\$48,000					
1-56	Open-Hole Logging: OH Logs + Geosteering		\$0					
1-58	Drilling Contingencies	5%	\$68,673					
1-60	Surface Damages		\$3,750					
1-62	Rotating Head & Expendables		\$4,800					
1-64	Miscellaneous Drilling		\$105,000					
1-66	Welding During Drilling		\$4,500					
1-68	Miscellaneous Equipment Rentals		\$22,000					
1-70	Centralizers & Float Equipment		\$20,000					
TOTAL INTANGIBLE DRILLING COSTS:			\$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'	\$27,400	
2-02	9-5/8"	J-55	36.00	LT&C	1400	\$56,000	
2-04	7"	HCL-80	32.00	BK-HT	4,300'	\$159,100	
2-06	5 1/2"	HCL-80	20.00	BK-HT	5,500'	\$137,500	
DRILLING - SURFACE EQUIPMENT							
2-10	Casinghead(s)						\$35,000
2-12	Liner Hanger & Packer						
2-14	Open Hole Packers and Sleeves						
2-16	Miscellaneous						\$2,500
2-18	Flowline & Valves						
TOTAL TANGIBLE DRILLING COSTS:							\$417,500
INTANGIBLE COMPLETION COSTS:							\$0
							\$0
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OPERATOR: Longfellow Energy, LP											
LEASE: Van Halen Federal Com 33CD				WELL NO. #5H		FIELD: Yesso		AFE #:		DATE: 8/01/2025	
LOCATION: Loco Hills, NM								PROPOSED TD:		ft (MD)	
OBJECTIVE: Drill and complete Yesso H2				Estimated @		ft TVD		VERTICAL		RE-ENTRY	
OBJECTIVE:						ft		HORIZONTAL		WORKOVER	
OBJECTIVE:											
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
3-34	Completion Rig / Daywork
3-36	7 days @ \$3,200 / day
3-36	Anchors
3-38	Drill bits, Unde-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

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		

TOTAL TANGIBLE COMPLETION COSTS:

TOTAL DRILLING COST**TOTAL COMPLETION COST****TOTAL COMPLETED WELL COST**

Approved by:

Company:

Title:

Signed this _____ Day of _____, 20____

	\$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		

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

\$0	\$3,270,750	\$373,350	\$0	\$0
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DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER
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	\$26,000				2 7/8" J-55
	\$30,000				Cap string, misc surf, etc
		\$21,429			
		\$17,143			
		\$57,143			
		\$28,571			
		\$7,857			
		\$12,857			
		\$21,429			
		\$35,714			
		\$57,143			
	\$165,000				ESP
	\$5,000				
		\$42,857			
	\$35,000				VFD Split
		\$30,000			

	\$261,000	\$332,143	\$0	\$0
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	\$1,859,633
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	\$3,531,750	\$705,493	\$0	\$0
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	\$6,096,876
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OPERATOR: Longfellow Energy, LP		WELL NO. #6H		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		WORKOVER
OBJECTIVE:				ft	HORIZONTAL	X
REMARKS:		REVIEWED BY:				

INTANGIBLE DRILLING COSTS		DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
1-00	** IDC - DRILLING **						
1-02	Rig Diesel	\$45,000					
1-03	Rig Rentals	\$23,500					
1-04	Location / Construction	\$83,500					Three wells per pad
1-05	Drilling Insurance	\$5,000					
1-06	Permits	\$3,500					
1-07	Title Opinion / Regulatory Fees	\$41,000					
1-08	Survey	\$15,000					
1-10	Right-of-Way	\$15,000					
1-12	Pit Lining / Fences	\$0					
1-14	Trucking	\$18,750					
1-16	Air / Gas Services	\$0					
1-18	Supervision	\$57,600					
1-19	Drilling Overhead	\$25,000					
1-20	Rig Mobilization / Demobilization	\$95,000					Three wells per pad
1-22	Bits / Underreamers, Etc	\$60,600					
1-23	Directional Tools & Supervision	\$155,000					
1-24	Hammer Rental / Supervision	\$0					
1-25	Cement Plug / Squeeze	\$0					
1-26	Drilling Mud & Transportation	\$40,000					
1-27	Mud Diesel	\$0					
1-28	Mud Logging	\$9,400					
1-29	Mud Remediation	\$0					
1-30	Drill String & BHA Rental	\$35,000					
1-31	Coring	\$0					
1-32	Drill Stem Tests	\$0					
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day	\$225,960					
1-36	Casing Crews, PU & LD	\$20,000					
1-38	Fishing Tool Rentals	\$0					
1-40	Rathole / Mousehole / Conductor	\$28,100					
1-42	Water - Fresh / Brine	\$30,000					
1-43	Waste Water / Mud Disposal	\$20,000					
1-44	Well Control Equipment	\$1,500					
1-46	Trash Trailer	\$1,500					
1-48	Surface Pipe Cementing	\$28,000					
1-50	Intermediate Pipe Cementing	\$37,500					
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$45,000					
1-52	Production Casing Cementing	\$48,000					
1-56	Open-Hole Logging OH Logs + Geosteering	\$0					
1-58	Drilling Contingencies 5%	\$68,673					
1-60	Surface Damages	\$3,750					
1-62	Rotating Head & Expendables	\$4,800					
1-64	Miscellaneous Drilling	\$105,000					
1-66	Welding During Drilling	\$4,500					
1-68	Miscellaneous Equipment Rentals	\$22,000					
1-70	Centralizers & Float Equipment	\$20,000					
TOTAL INTANGIBLE DRILLING COSTS:		\$1,442,133	\$0	\$0	\$0	\$0	

TANGIBLE DRILLING COSTS:		DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
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'	\$27,400					
2-02	9-5/8" J-55 36.00 LT&C 1400	\$56,000					
2-04	7" HCL-80 32.00 BK-HT 4,300'	\$159,100					
2-06	5 1/2" HCL-80 20.00 BK-HT 5,500'	\$137,500					
DRILLING - SURFACE EQUIPMENT							
2-10	Casinghead(s)	\$35,000					
2-12	Liner Hanger & Packer						
2-14	Open Hole Packers and Sleeves						
2-16	Miscellaneous	\$2,500					
2-18	Flowline & Valves						
TOTAL TANGIBLE DRILLING COSTS:		\$417,500	\$0	\$0	\$0	\$0	
INTANGIBLE COMPLETION COSTS:							
		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						PROPOSED TD:			
LOCATION: Loco Hills, NM								ft (MD)	
OBJECTIVE: Drill and complete Yeso H ₂		Estimated @		ft TVD		VERTICAL		RE-ENTRY	
OBJECTIVE:				ft		HORIZONTAL		WORKOVER	
OBJECTIVE:									
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, Unde-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:

TANGIBLE COMPLETION COSTS:

4-00	** IDC - COMPLETION **
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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												
	<table><tr><td></td><td>Size</td><td>Class</td><td>Length</td></tr><tr><td></td><td>20</td><td></td><td>1</td></tr><tr><td></td><td>20</td><td></td><td>1</td></tr></table>		Size	Class	Length		20		1		20		1
	Size	Class	Length										
	20		1										
	20		1										
4-32	Tubing Head												
4-34	Valves, Gauges and Miscellaneous												
4-38	Artificial Lift and Accessories												
4-40	Flowline												

TOTAL TANGIBLE COMPLETION COSTS:TOTAL DRILLING COSTTOTAL COMPLETION COST**TOTAL COMPLETED WELL COST**

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20____

	\$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	\$0

<i>DRILLING</i>	<i>COMPLETION</i>	<i>FAC-BAT</i>	<i>FAC-OIL PIPE</i>	<i>FAC-POWER</i>	<i>SUPPLEMENTAL</i>
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	\$26,000				2 7/8" J-55
	\$30,000				Cap string, misc surf, etc
		\$21,429			
		\$17,143			
		\$57,143			
		\$28,571			
		\$7,857			
		\$12,857			
		\$21,429			
		\$35,714			
		\$57,143			
	\$165,000				ESP
	\$5,000				
		\$42,857			
	\$35,000				VFO Split
		\$30,000			

	\$261,000	\$332,143	\$0	\$0	
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	\$1,859,633	
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	\$3,531,750	\$705,493	\$0	\$0	
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	\$6,096,876	
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OPERATOR: Longfellow Energy, LP					
LEASE: Van Halen Federal Com 33CD		WELL NO. #7H		FIELD: Yeso	AFE #:
LOCATION: Loco Hills, NM		PROPOSED TD:		DATE: 8/01/2025	
OBJECTIVE: Drill and complete Yeso Hz		Estimated @	ft TVD	VERTICAL	RE-ENTRY
OBJECTIVE:		ft	HORIZONTAL	X	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 / Mouschole / 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											
LEASE: Van Halen Federal Com 33CD				WELL NO. #7H		FIELD: Yeso		AFE #:		DATE: 8/01/2025	
LOCATION: Loco Hills, NM										ft (MD)	
OBJECTIVE: Drill and complete Yeso H ₂				Estimated @		ft TVD		PROPOSED TD: VERTICAL		RE-ENTRY	
OBJECTIVE:						ft		HORIZONTAL		WORKOVER	
OBJECTIVE:											
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, Unde-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:

TANGIBLE COMPLETION COSTS:	
1. Leasehold costs	
2. Drilling and completion costs	
3. Production facilities	
4. Transportation facilities	
5. Other	
Total	

4-00	** IDC - COMPLETION **
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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												
	<table><tr><td></td><td>Size</td><td>Class</td><td>Length</td></tr><tr><td></td><td>"</td><td></td><td>"</td></tr><tr><td></td><td>"</td><td></td><td>"</td></tr></table>		Size	Class	Length		"		"		"		"
	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:TOTAL DRILLING COST

TOTAL COMPLETION COST	
------------------------------	--

TOTAL COMPLETED WELL COST	
100%	100%

Approved by: _____

Company: _____

Title: _____

Signed this Day of 20

	\$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	\$0
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DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
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	\$26,000				2 7/8" J-55
	\$30,000				Cap string, misc surf, etc
		\$21,429			
		\$17,143			
		\$57,143			
		\$28,571			
		\$7,857			
		\$12,857			
		\$21,429			
		\$35,714			
		\$57,143			
	\$165,000				ESP
	\$5,000				
		\$42,857			
	\$35,000				VFD Split
		\$30,000			

	\$261,000	\$332,143	\$0	\$0	
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	\$1,859,633	
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	\$3,531,750	\$705,493	\$0	\$0
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	\$6,096.876	
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OPERATOR: Longfellow Energy, LP		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	@	ft TVD	HORIZONTAL	WORKOVER
OBJECTIVE:				ft	X	
REMARKS:				REVIEWED BY:		

INTANGIBLE DRILLING COSTS				DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
1-00	** IDC - DRILLING **								
1-02	Rig Diesel			\$45,000					
1-03	Rig Rentals			\$23,500					
1-04	Location / Construction			\$83,500					Three wells per pad
1-05	Drilling Insurance			\$5,000					
1-06	Permits			\$3,500					
1-07	Title Opinion / Regulatory Fees			\$41,000					
1-08	Survey			\$15,000					
1-10	Right-of-Way			\$15,000					
1-12	Pit Lining / Fences			\$0					
1-14	Trucking			\$18,750					
1-16	Air / Gas Services			\$0					
1-18	Supervision			\$57,600					
1-19	Drilling Overhead			\$25,000					
1-20	Rig Mobilization / Demobilization			\$95,000					Three wells per pad
1-22	Bits / Underreamers, Etc			\$60,600					
1-23	Directional Tools & Supervision			\$155,000					
1-24	Hammer Rental / Supervision			\$0					
1-25	Cement Plug / Squeeze			\$0					
1-26	Drilling Mud & Transportation			\$40,000					
1-27	Mud Diesel			\$0					
1-28	Mud Logging			\$9,400					
1-29	Mud Remediation			\$0					
1-30	Drill String & BHA Rental			\$35,000					
1-31	Coring			\$0					
1-32	Drill Stem Tests			\$0					
1-34	Contract Daywork Drilling 7.0 days @ \$21,850 / day			\$225,960					
1-36	Casing Crews, PU & LD			\$20,000					
1-38	Fishing Tool Rentals			\$0					
1-40	Rathole / Mousehole / Conductor			\$28,100					
1-42	Water - Fresh / Brine			\$30,000					
1-43	Waste Water / Mud Disposal			\$20,000					
1-44	Well Control Equipment			\$1,500					
1-46	Trash Trailer			\$1,500					
1-48	Surface Pipe Cementing			\$28,000					
1-50	Intermediate Pipe Cementing			\$37,500					
1-51	Contractor Ser. (Roustabout, Testor, etc.)			\$45,000					
1-52	Production Casing Cementing			\$48,000					
1-56	Open-Hole Logging OH Logs + Geosteering			\$0					
1-58	Drilling Contingencies 5%			\$68,673					
1-60	Surface Damages			\$3,750					
1-62	Rotating Head & Expendables			\$4,800					
1-64	Miscellaneous Drilling			\$105,000					
1-66	Welding During Drilling			\$4,500					
1-68	Miscellaneous Equipment Rentals			\$22,000					
1-70	Centralizers & Float Equipment			\$20,000					
TOTAL INTANGIBLE DRILLING COSTS:				\$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'	\$27,400			
2-02	9-5/8"	J-55	36.00	LT&C	1400	\$56,000			
2-04	7"	HCL-80	32.00	BK-HT	4,300'	\$159,100			
2-06	5 1/2"	HCL-80	20.00	BK-HT	5,500'	\$137,500			
DRILLING - SURFACE EQUIPMENT									
2-10	Casinghead(s)			\$35,000					
2-12	Liner Hanger & Packer								
2-14	Open Hole Packers and Sleeves								
2-16	Miscellaneous			\$2,500					
2-18	Flowline & Valves								
TOTAL TANGIBLE DRILLING COSTS:				\$417,500	\$0	\$0	\$0	\$0	
INTANGIBLE COMPLETION COSTS:									
	DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER				SUPPLEMENTAL



OPERATOR: Longfellow Energy, LP											
LEASE: Van Halen Federal Com 33CD				WELL NO. #8H		FIELD: Yezo		AFF #:		DATE: 8/01/2025	
LOCATION: Loco Hills, NM								PROPOSED TD:		ft (MD)	
OBJECTIVE: Drill and complete Yezo H2				Estimated @		ft TVD		VERTICAL		RE-ENTRY	
OBJECTIVE:						ft		HORIZONTAL		WORKOVER	
OBJECTIVE:											
REMARKS:								REVIEWED BY:			

** IDC - COMPLETION **					
3-02	Acidizing				
3-04	Fracturing	\$1,450,000			
3-06	Perforating	\$150,000			
3-08	Cased Hole Logging				
3-10	CO2 / Boosters				
3-12	Electrician / Electrical Services		\$128,571		
3-14	Equipment Rentals	\$55,000	\$100,000		
3-15	Rentals- Potties, Lights, Trash Trailers	\$5,000			
3-16	Frac Tank Rentals	\$20,000			
3-18	Restore Location				
3-20	Right - Of - Way				
3-22	Roustabout Crews		\$127,000		
3-23	Cement Plugs/Bridge Plugs	\$28,000			
3-24	Supervision	\$65,000			
3-25	Completion Overhead	\$25,000			
3-26	Trucking	\$35,000			
3-58	Trucking- Kill Truck	\$40,000			
3-27	Water Transfer- 10". Poly, Fill Pit	\$205,000			
3-28	Water Hauling - Fresh	\$535,000			
3-29	SW Disposal- Hauling, Paid Disposal, Poly	\$10,000			
3-30	Sickline Work				
3-32	Reverse Unit / Power Swivel	\$55,000			
	Completion Rig / Daywork	\$14,000			
3-34	7 days @ \$3,200 / day	\$35,000			
3-36	Anchors	\$1,500			
3-38	Drill bits, Unde-reamers, Etc.	\$3,500			
3-40	Coiled Tubing Unit				
3-42	Completion Fluids - Mud, Etc.	\$185,000			
3-44	DH Tool Rental				
3-46	Fishing Tool Rental				
3-48	Tubing Testing, Rental & Inspection	\$18,000			
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator	\$120,000			
3-52	Well Testing Equipment & Labor	\$40,000			
3-57	Technical Labor	\$20,000			
3-54	Miscellaneous Completion				
3-56	Contingencies Completion	\$9%			
TOTAL INTANGIBLE COMPLETION COSTS:		\$0	\$3,270,750	\$373,350	\$0
TANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE
4-00 ** IDC - COMPLETION **					
4-01	Tubing		\$26,000		
4-02	Packers				
4-04	Plugs				
4-06	Blast Joint				
4-08	Miscellaneous Completion Equipment		\$30,000		
4-09	Environmental Equipment			\$21,429	
4-10	Compression Equipment			\$17,143	
4-12	Dehydration Equipment				
4-14	Electrical Equipment - Motors, Etc.			\$57,143	
4-15	Automation Equipment			\$28,571	
4-16	Injection / Transfer Pump			\$7,857	
4-18	Meter & Meter Run			\$12,857	
4-20	Salt Water Tanks			\$21,429	
4-22	Production Tanks			\$35,714	
4-24	Separation Equipment			\$57,143	
4-26	Pump		\$165,000		
4-28	Pumping Unit				
4-30	Rod String				
	Size Class Length				
	" " "				
4-32	Tubing Head		\$5,000		
4-34	Valves, Gauges and Miscellaneous			\$42,857	
4-38	Artificial Lift and Accessories		\$35,000		
4-40	Flowline			\$30,000	
TOTAL TANGIBLE COMPLETION COSTS:		\$261,000	\$332,143	\$0	\$0
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

LEASEHOLD OWNERS	Royalty Owner	Overriding Royalty Owners	Comments
Longfellow LH, LLC			
JR Oil, Ltd. PO BOX 53657 Lubbock, TX 79453			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
BP America Production Company ** 501 Westlake Park Blvd. Houston, TX 77079			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.
Apache Corporation ** 2000 W Sam Houston Pkwy S, Suite 200, Houston, Texas 77042			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
Hilcorp Energy 1, L.P. ** 1111 Travis St, Houston, TX 77002			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
OXY USA WTP Limited Partnership 5 E Greenway Plaza Houston, TX 77046			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.

XTO Holdings, LLC ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425			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.
	United States of America 301 Dinosaur Trail Santa Fe, NM 87508		Notices of Application for Compulsory Pooling Order Sent out December 15, 2025
		R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, Texas 75283-0308	Notices 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	Notices of Application for Compulsory Pooling Order Sent out December 15, 2025
		Fullerton Oil & Gas Corporation 380 E. Green St. Pasadena, CA 91105	Notices 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.

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 #)
JR Oil, Ltd. (WIO)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/19/25. Exhibits C-1, C-2, and C-3 Published 12/18/25. Exhibit C-4
BP America Production Company (WIO) **	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/20/25. Exhibits C-1, C-2, and C-3 Published 12/18/25. Exhibit C-4
Apache Corporation (WIO) **	Uncommitted	n/a	Certified mail, Mailed 12/18/25, Delivered 12/22/25. Exhibits C-1, C-2, and C-3
Hilcorp Energy 1, L.P. (WIO) **	Uncommitted	n/a	Certified mail, Mailed 12/18/25, Not Delivered. Exhibits C-1, C-2, and C-3 Actual notice by email 12/29/25. Exhibits C and C-5
OXY USA WTP Limited Partnership (WIO)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/22/25. Exhibits C-1, C-2, and C-3 Published 12/18/25. Exhibit C-4
XTO Holdings, LLC (WIO)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Delivered 12/22/25. Exhibits C-1, C-2, and C-3 Published 12/18/25. Exhibit C-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 C-1, C-2, and C-3 Published 12/18/25. Exhibit No. C-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 C-1, C-2, and C-3 Published 12/18/25. Exhibit No. C-4
Fullerton Oil & Gas Corporation (ORRI)	Uncommitted	n/a	Certified mail, Mailed 12/15/25, Not Delivered. Exhibits C-1, C-2, and C-3 Published 12/18/25. Exhibit No. C-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.

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,
LEA 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 Blinbry 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. 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'

11. 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.
12. The exhibits to this testimony were prepared by me or compiled from LFE's business records.
13. The granting of the Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.
14. The foregoing is correct and complete to the best of my knowledge and belief.

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



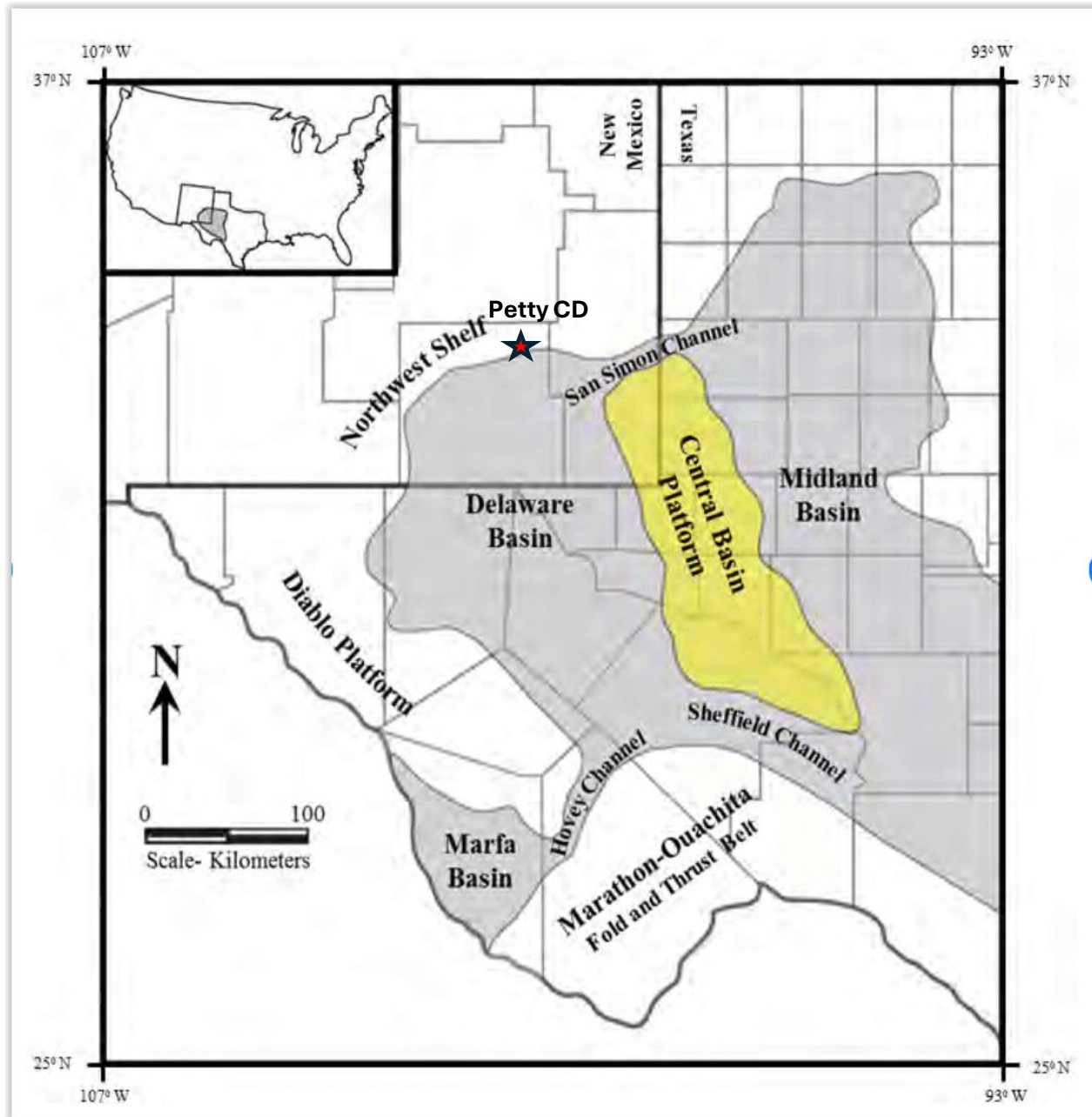
Jacob S. DeHamer

12.22.25

Date

Van Halen 33CD Unit CPO
Exhibit B-1

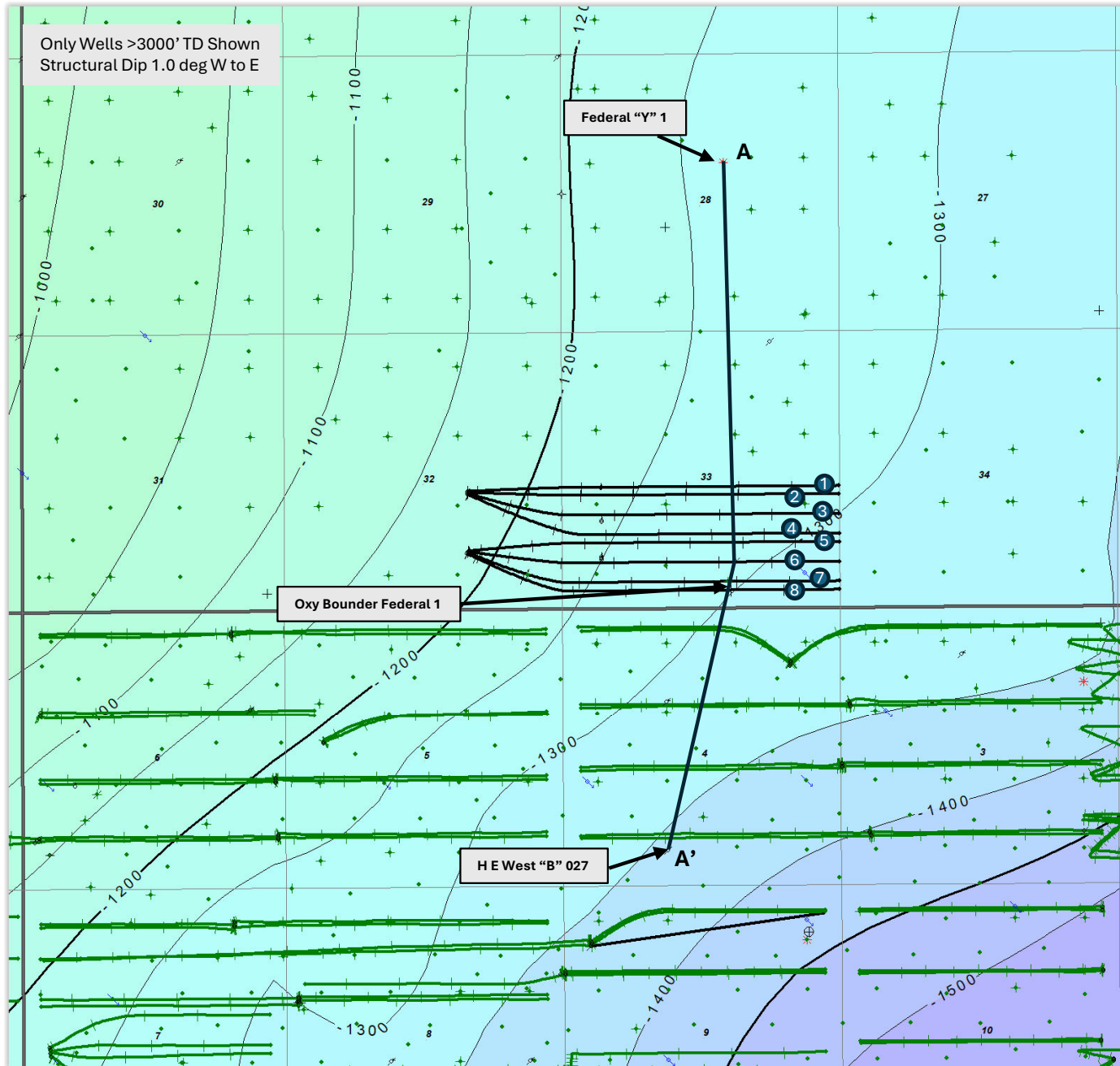
Geologic Setting



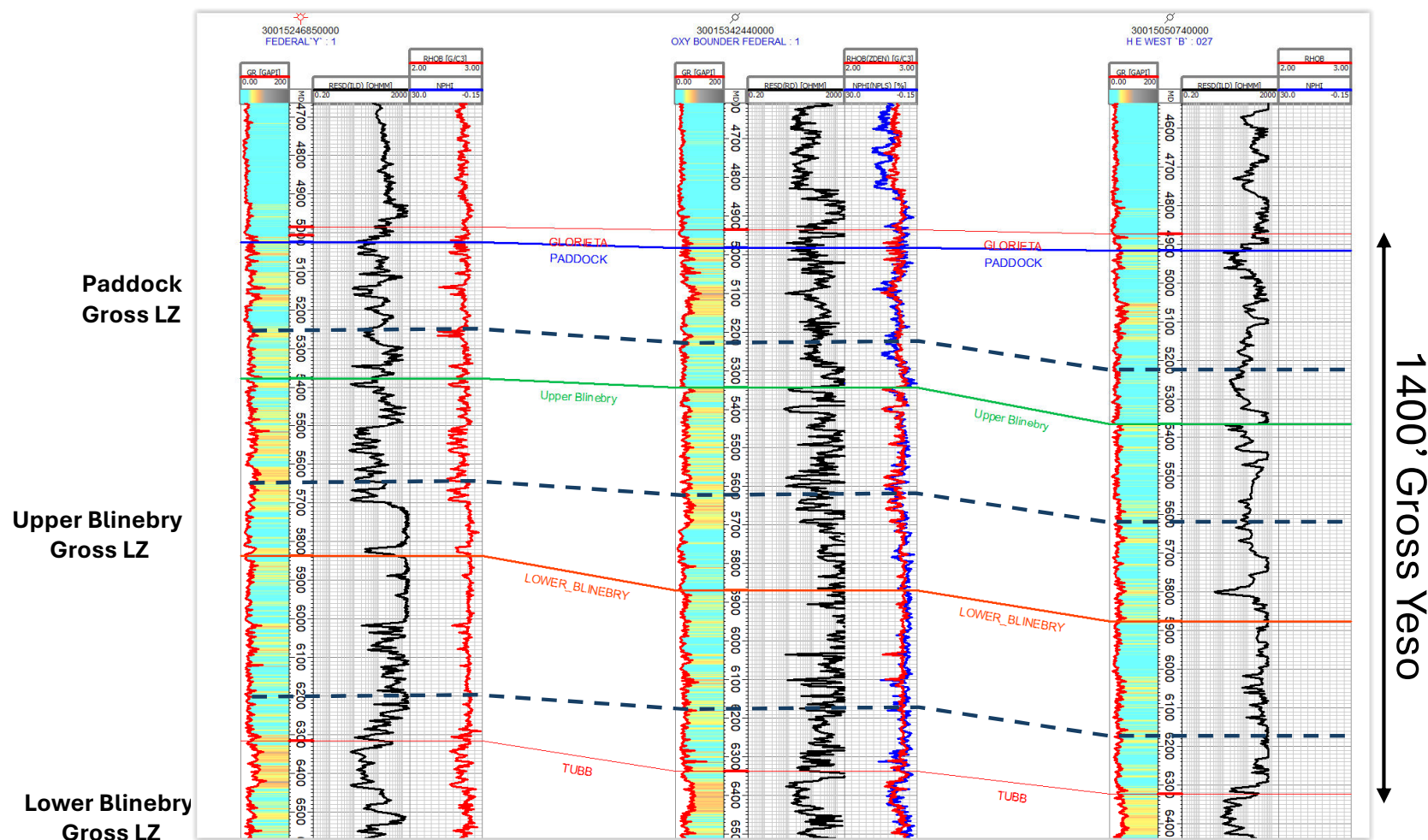
Top Yeso Structure Map TVDSS

CI 50'

Van Halen 33CD Unit CPO Exhibit B-2

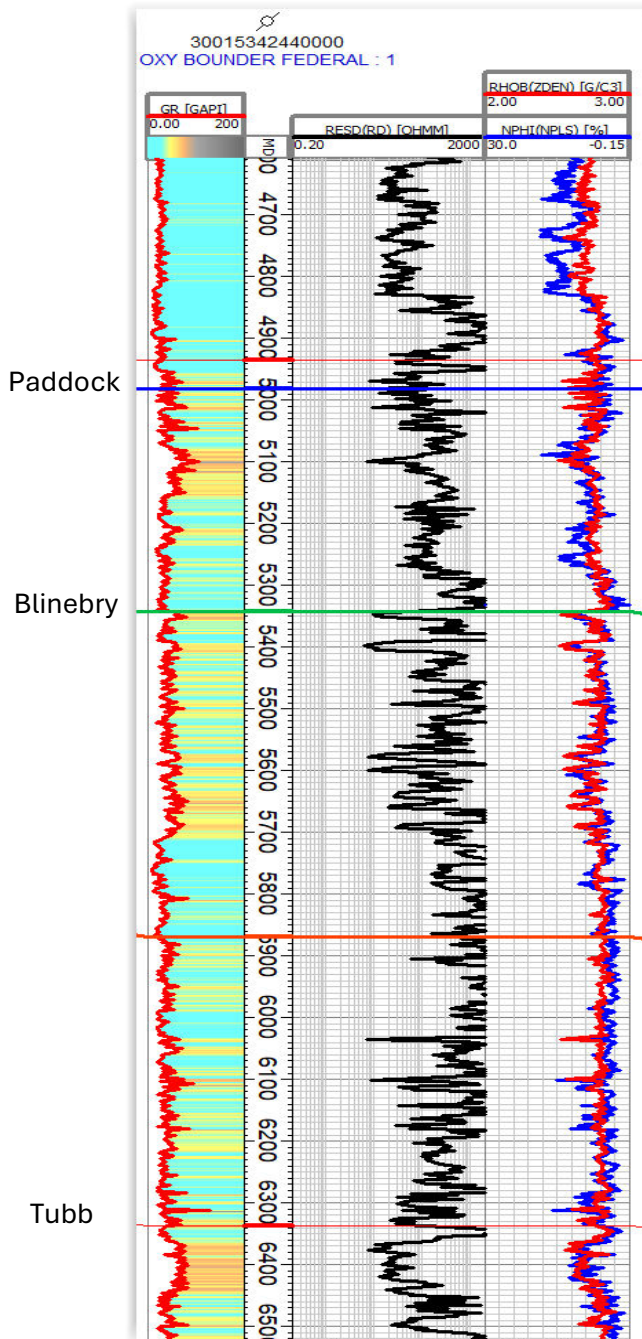


- ① Van Halen 33CD Fed Com 001H
- ② Van Halen 33CD Fed Com 002H
- ③ Van Halen 33CD Fed Com 003H
- ④ Van Halen 33CD Fed Com 004H
- ⑤ Van Halen 33CD Fed Com 005H
- ⑥ Van Halen 33CD Fed Com 006H
- ⑦ Van Halen 33CD Fed Com 007H
- ⑧ Van Halen 33CD Fed Com 008H

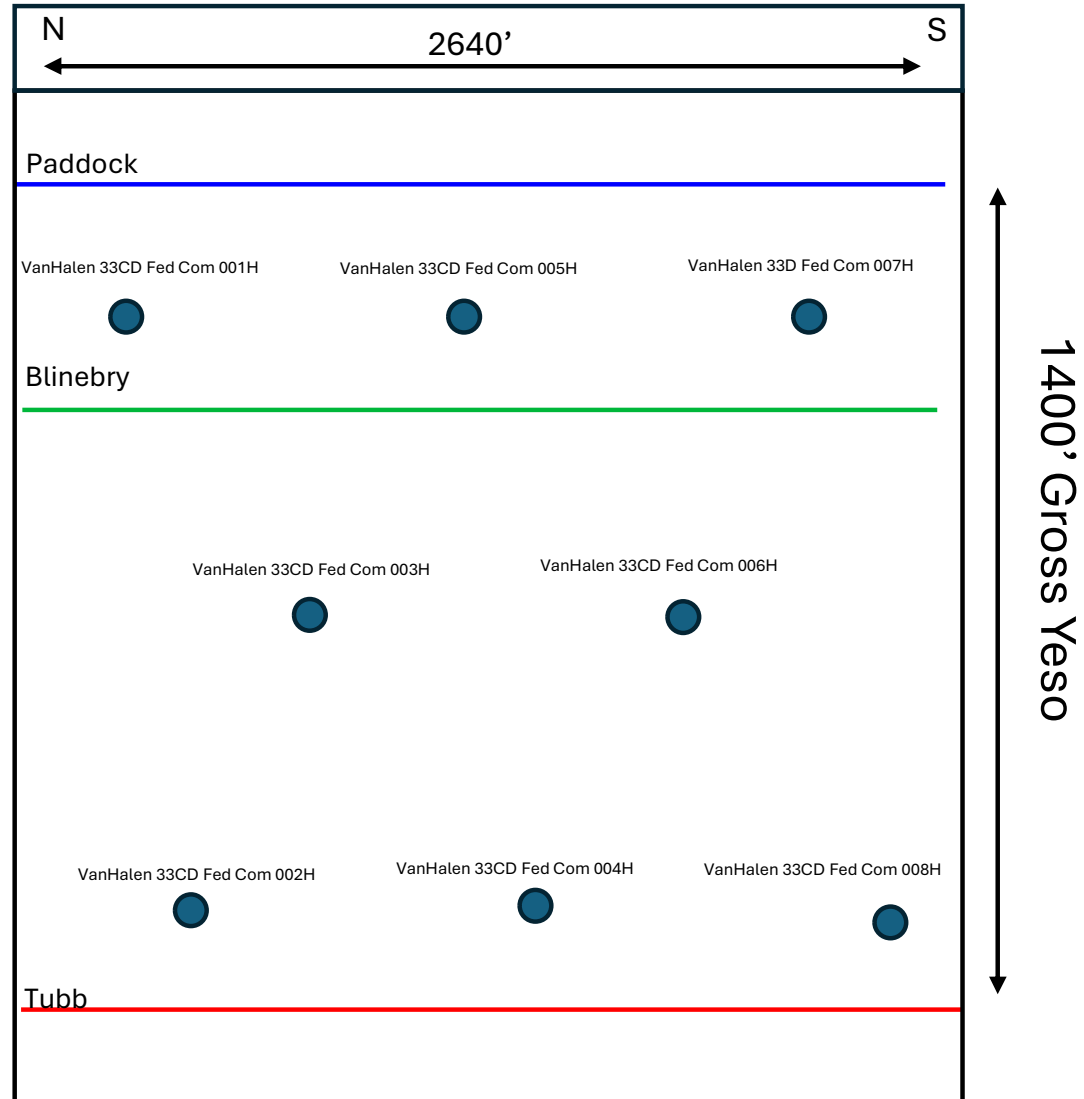
**Van Halen 33CD Unit CPO
Exhibit B-3****Yeso Cross Section A-A'**

Van Halen 33CD Unit CPO
Exhibit B-4

Van Halen 33CD Fed Com Gun Barrell

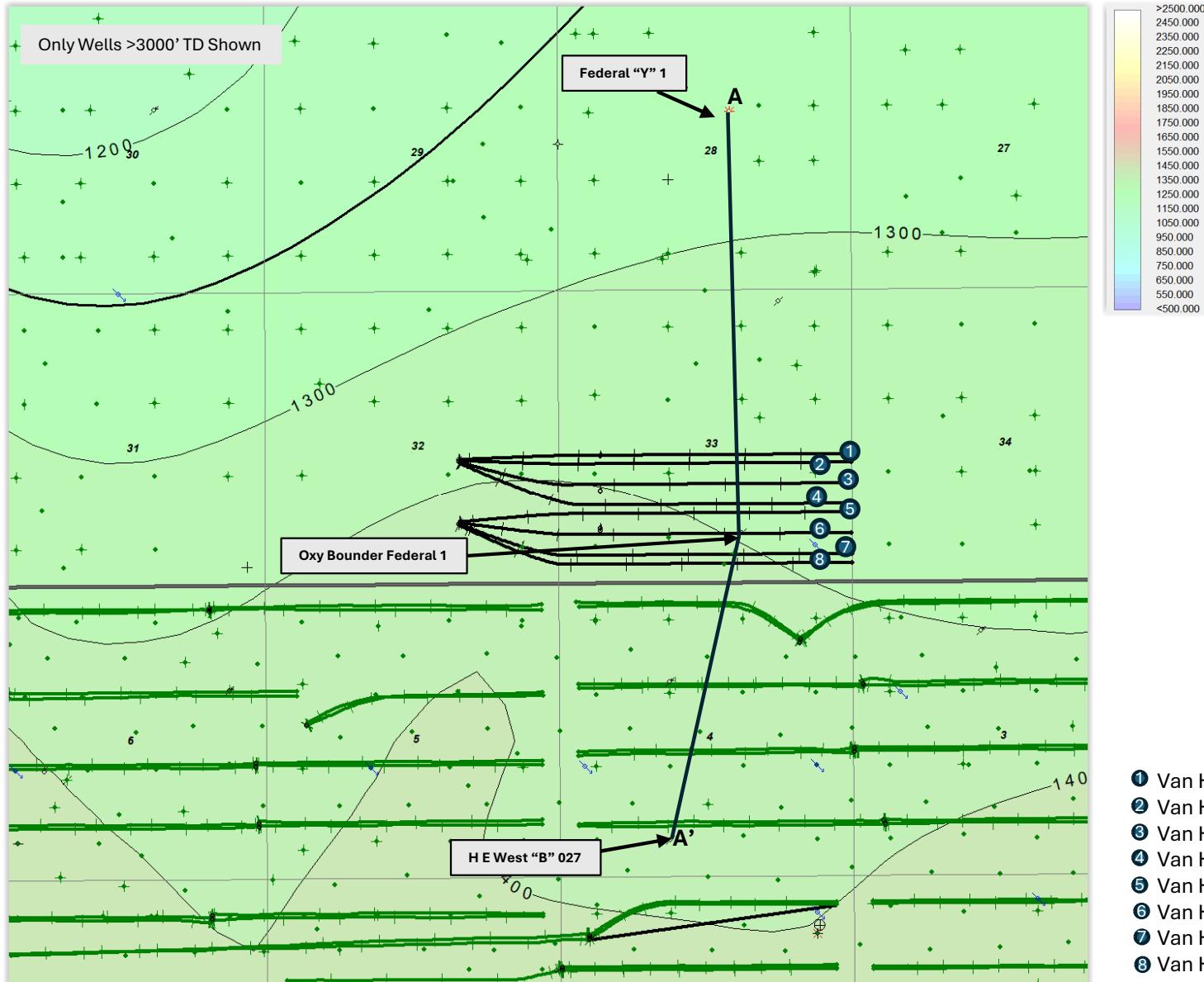


Van Halen 33CD Fed Com. Wells will be drilled West to East.



**Van Halen 33D Unit CPO
Exhibit B-5****Yeso Gross Isopach Map**

CI 50'



**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



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



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

December 18, 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**

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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*

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

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

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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
	Status:	Delivered
Transaction created by: Dortiz	Sender:	S. Shaheen
User ID: 32565	Contents:	Notice Letter
Firm Mailing Book ID: None	Custom Field 2:	Van Halen Wells
Batch ID: 325627	Custom Field 3:	25804

Transaction History

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USPS® Return Receipt	12-18-2025 08:01 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at TULSA OK DISTRIBUTION CENTER
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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:	Date Created:	12/15/2025 9:01 AM
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Houston, TX 77079	Return Receipt Article Number:	9590969904300143500985
Sender:	Service Options:	Return Receipt
Sharon T. Shaheen		Certified Mail
Longfellow (9015392.2107) Van Halen Wells	Mail Service:	Certified
Spencer Fane, LLP	Reference #:	002
325 Paseo de Peralta	Postage:	\$1.90
Santa Fe, NM 87501-1860	Certified Mail Fees:	\$9.70
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User ID: 32565	Sender:	S. Shaheen
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Batch ID: 325627	Custom Field 2:	Van Halen Wells
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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

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

S. Shaheen

Contents:

Notice Letter

Custom Field 2:

Van Halen Wells

Custom Field 3:

25804

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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

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

Sender:

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

Transaction created by: Dortiz

User ID: 32565

Firm Mailing Book ID: None

Batch ID: 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] - PRESHPMENT 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		COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0143 5010 05		A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
		B. Received by (Printed Name) <u>S. Shaheen</u> C. Date of Delivery	
1. Article Addressed to: XTO Holdings, LLC ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425		D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:	
		3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery	
2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0143 5010 03		Reference Information	
PS Form 3811, Facsimile, July 2015		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

Service Options:

Return Receipt
Certified Mail

Mail Service:

Certified

Reference #:

Postage:

\$1.90

Certified Mail Fees:

\$9.70

Status:

Mailed

Sender:

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

Transaction created by:

Dortiz

User ID:

32565

Firm Mailing Book ID:

None

Batch ID:

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] - PRESHPMENT 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


Return Receipt (Form 3811) Barcode	COMPLETE THIS SECTION ON DELIVERY
 <p>9590 9699 0430 0143 6757 99</p>	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X <i>Sharon Van</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</p> <p>If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Apache Corporation 2000 W Sam Houston Pkwy S Suite 200 Houston, TX 77042</p>	<p>3. Service Type:</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery</p> <p>Reference Information</p>
<p>2. Certified Mail (Form 3800) Article Number</p> <p>9314 7699 0430 0143 6757 97</p>	
PS Form 3811, Facsimile, July 2015	Domestic Return Receipt

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] - PRESHPMENT 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

Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0143 5010 12		A. Signature <input type="checkbox"/> Agent X <i>Sharon T. Shaheen</i> <input type="checkbox"/> Addressee	
		B. Received by (Printed Name) C. Date of Delivery DEC 22 2025	
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		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 10		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	

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

USPS® Return Receipt
USPS® Certified Mail
USPS® Certified Mail
USPS® Certified Mail
USPS® Certified Mail
USPS® Certified Mail
USPS® Certified Mail
USPS® Certified Mail
USPS® Certified Mail

Event Date

12-15-2025 09:14 AM
12-15-2025 11:25 AM
12-16-2025 09:50 PM
12-16-2025 11:05 PM
12-17-2025 09:18 AM
12-18-2025 10:50 PM
12-21-2025 04:59 PM
12-21-2025 06:23 PM
12-22-2025 09:57 AM

Details

[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
[USPS] - PROCESSED THROUGH USPS FACILITY at DALLAS TX DISTRIBUTION CENTER
[USPS] - ARRIVAL AT UNIT at DALLAS,TX
[USPS] - AVAILABLE FOR PICKUP at DALLAS,TX
[USPS] - CERTIFIED MAIL DELIVERED PO BOX at DALLAS,TX

Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 9590 9699 0430 0143 5010 29		A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
		B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery	
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		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No DEC 22 2025	
2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0143 5010 27		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	

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

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

Sender:

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

Transaction created by:

Dortiz

User ID:

32565

Firm Mailing Book ID:

None

Batch ID:

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:	Date Created:	12/15/2025 9:01 AM
Bureau of Land Management	Date Mail Delivered:	12/18/2025 1:16 PM
United State of America	USPS Article Number:	9314769904300143501041
310 Dinosaur Trail	Return Receipt Article Number:	9590969904300143501043
Santa Fe, NM 87508		
Sender:	Service Options:	Return Receipt
Sharon T. Shaheen		Certified Mail
Longfellow (9015392.2107) Van Halen Wells	Mail Service:	Certified
Spencer Fane, LLP	Reference #:	008
325 Paseo de Peralta	Postage:	\$1.90
Santa Fe, NM 87501-1860	Certified Mail Fees:	\$9.70
	Status:	Delivered
Transaction created by: Dortiz	Sender:	S. Shaheen
User ID: 32565	Contents:	Notice Letter
Firm Mailing Book ID: None	Custom Field 2:	Van Halen Wells
Batch ID: 325627	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] - PRESHPMENT 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
		<input checked="" type="checkbox"/> Addressee	
1. Article Addressed to: Bureau of Land Management United State of America 310 Dinosaur Trail Santa Fe, NM 87508		B. Received by (Printed Name) 	C. Date of Delivery 
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Certified Mail (Form 3800) Article Number 9314 7699 0430 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 PublicationNo. 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

Longfellow/Van Halen Wells - No. 25804**Exhibit C-4****Page 1 of 1****Copy of Publication:****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/oed/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.

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
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Houston, Texas 77002
(346) 237-2265 Direct
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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

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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



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