

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**

## EXHIBIT INDEX

# Tab 1

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

	A	B
31	Well #1	Van Halen 33CD Fed Com 001H, API No. 30-015-XXXXX SHL:1,802' FEL & 2,251' FSL of Section 32-16S-31E BHL: 20' FEL & 2,310' FSL of Section 33-16S-31E Completion Target: Yeso 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	<b>AFE Capex and Operating Costs</b>	
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	<b>Notice of Hearing</b>	
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	<b>Ownership Determination</b>	
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 <b>Joiner</b>	
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 <b>Geology</b>	
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 <b>Forms, Figures and Tables</b>	
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 <b>Additional Information</b>	
97 Special Provisions/Stipulations	n/a
98 <b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
99 <b>Printed Name</b> (Attorney or Party Representative):	Sharon T. Shaheen
100 <b>Signed Name</b> (Attorney or Party Representative):	Sharon T. Shaheen
101 <b>Date:</b>	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

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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 PermittingState 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 <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>
Property Code	Property Name <b>VAN HALEN 33CD FED COM</b>	Well Number <b>001H</b>
OGRID No. <b>372210</b>	Operator Name <b>LONGFELLOW ENERGY, LP</b>	Ground Level Elevation <b>3911.7</b>
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
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Dedicated Acres <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
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
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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.

7-23-25

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. 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. 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.

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

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

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

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

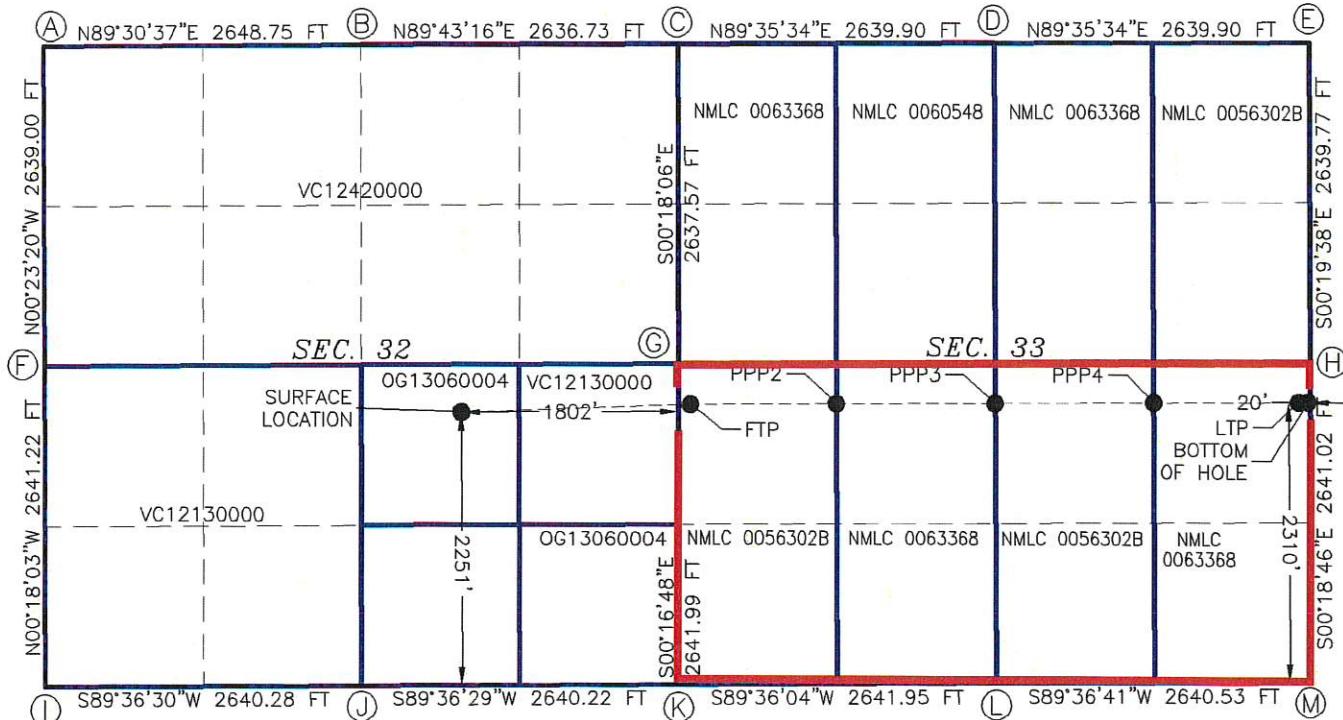
PPP2  
2310' FSL, 1320' FWL  
N.=683152.64  
E.=680807.15  
LAT.=32.8771819°N  
LONG.=103.8790377°W

**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 PermittingState of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISIONSubmittal  
Type:
 Initial Submittal  
 Amended Report  
 As Drilled

## WELL LOCATION INFORMATION

API Number <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 002H
OGRID No. <b>372210</b>	Operator Name <b>LONGFELLOW ENERGY, LP</b>	Ground Level Elevation <b>3911.6</b>
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 <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
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)

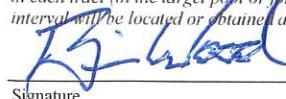
UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2158 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8767908°N	Longitude 103.8664639°W	County EDDY
---------	---------------	------------------	---------------	-----	----------------------------	--------------------------	--------------------------	----------------------------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

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 or unleased 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

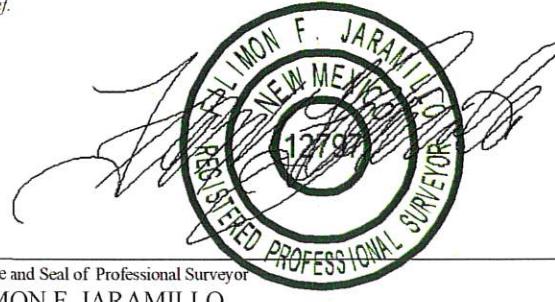
Printed Name

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. 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  
No. 25804

Exhibit A-1

Page 3 of 16

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

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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

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

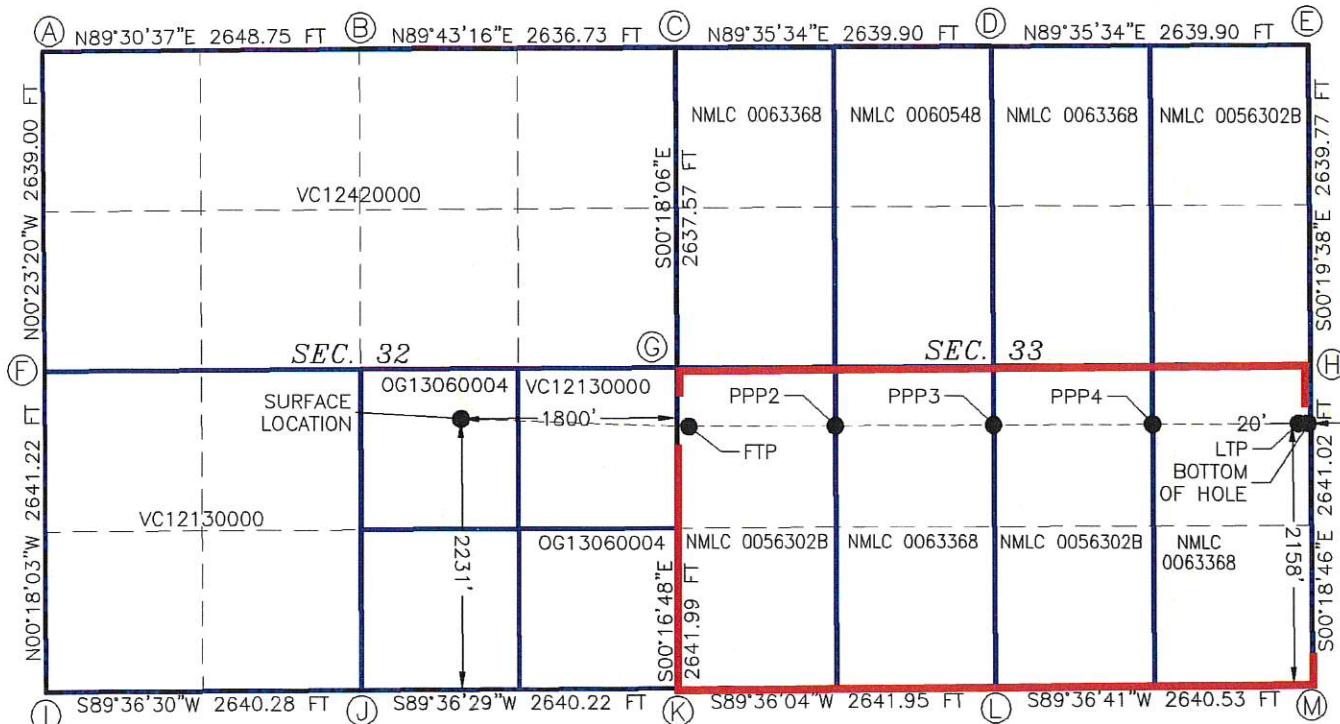
LEGEND

— · · · · SECTION LINE

— · · · QUARTER LINE

— · · · LEASE LINE

— · · · WELL PATH



C-102

Submit Electronically  
Via OCD PermittingState of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type:  
 Initial Submittal  
 Amended Report  
 As Drilled

## WELL LOCATION INFORMATION

API Number <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>			
Property Code	Property Name	<b>VAN HALEN 33CD FED COM</b>			Well Number <b>003H</b>
OGRID No. <b>372210</b>	Operator Name	<b>LONGFELLOW ENERGY, LP</b>			Ground Level Elevation <b>3911.3</b>
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 32	Section 16 S	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 33	Section 16 S	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
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Dedicated Acres <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL J 32	Section 16 S	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 33	Section 16 S	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 33	Section 16 S	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
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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 in 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. JARAMILLOCertificate Number  
PLS 12797Date 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. 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 003H**  
EL. = 3911.3

**GEODETIC COORDINATES**

NAD 83 NMSP EAST

**SURFACE LOCATION**

2211' FSL, 1798' FEL

N.=683032.33

E.=677690.65

LAT.=32.8768877°N

LONG.=103.8891905°W

**LAST TAKE POINT**

1784' FSL, 100' FEL

N.=682653.31

E.=684670.01

LAT.=32.8757631°N

LONG.=103.8664627°W

**PPP3**

1784' FSL, 2641' FWL

N.=682635.86

E.=682130.18

LAT.=32.8757458°N

LONG.=103.8747356°W

**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

**KICK OFF POINT**

2211' FSL, 1798' FEL

N.=683032.33

E.=677690.65

LAT.=32.8768877°N

LONG.=103.8891905°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

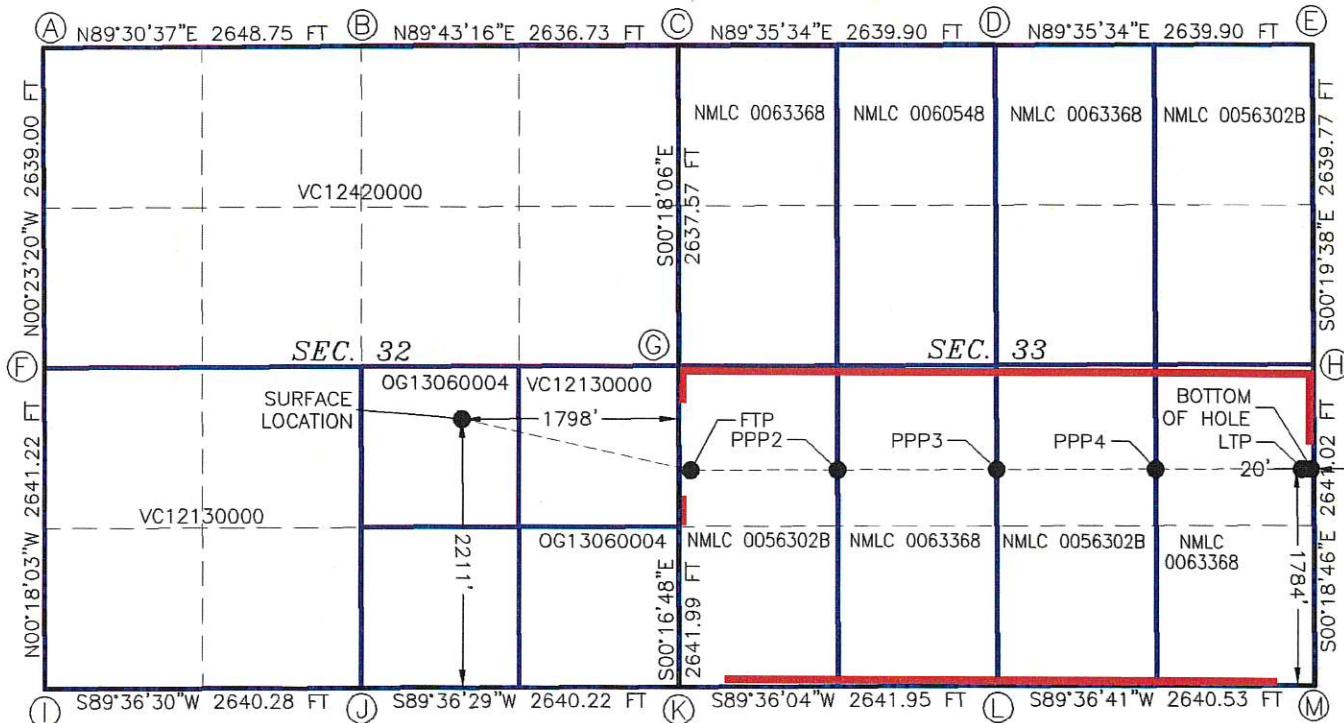
K - N.=680834.18 E.=679498.71

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 PermittingState 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 <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>	
Property Code	Property Name	VAN HALEN 33CD FED COM	Well Number <b>004H</b>
OGRID No. <b>372210</b>	Operator Name	LONGFELLOW ENERGY, LP	Ground Level Elevation <b>3911.4</b>
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 32	Section 16 S	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 33	Section 16 S	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 <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33XD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.		Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

## Kick Off Point (KOP)

UL J 32	Section 16 S	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 33	Section 16 S	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)

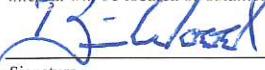
UL I 33	Section 16 S	Township 16 S	Range 31 E	Lot	Ft. from N/S 1409 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8747327°N	Longitude 103.8664614°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/>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

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	PPP3
1409' FSL, 100' FEL	1409' FSL, 2641' FWL
N.=682278.41	N.=682260.96
E.=684672.06	E.=682132.23
LAT.=32.8747327'N	LAT.=32.8747153'N
LONG.=103.8664614'W	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	PPP4
1409' FSL, 20' FEL	1409' FSL, 1320' FEL
N.=682278.96	N.=682270.03
E.=684752.03	E.=683452.04
LAT.=32.8747332'N	LAT.=32.8747244'N
LONG.=103.8662009'W	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

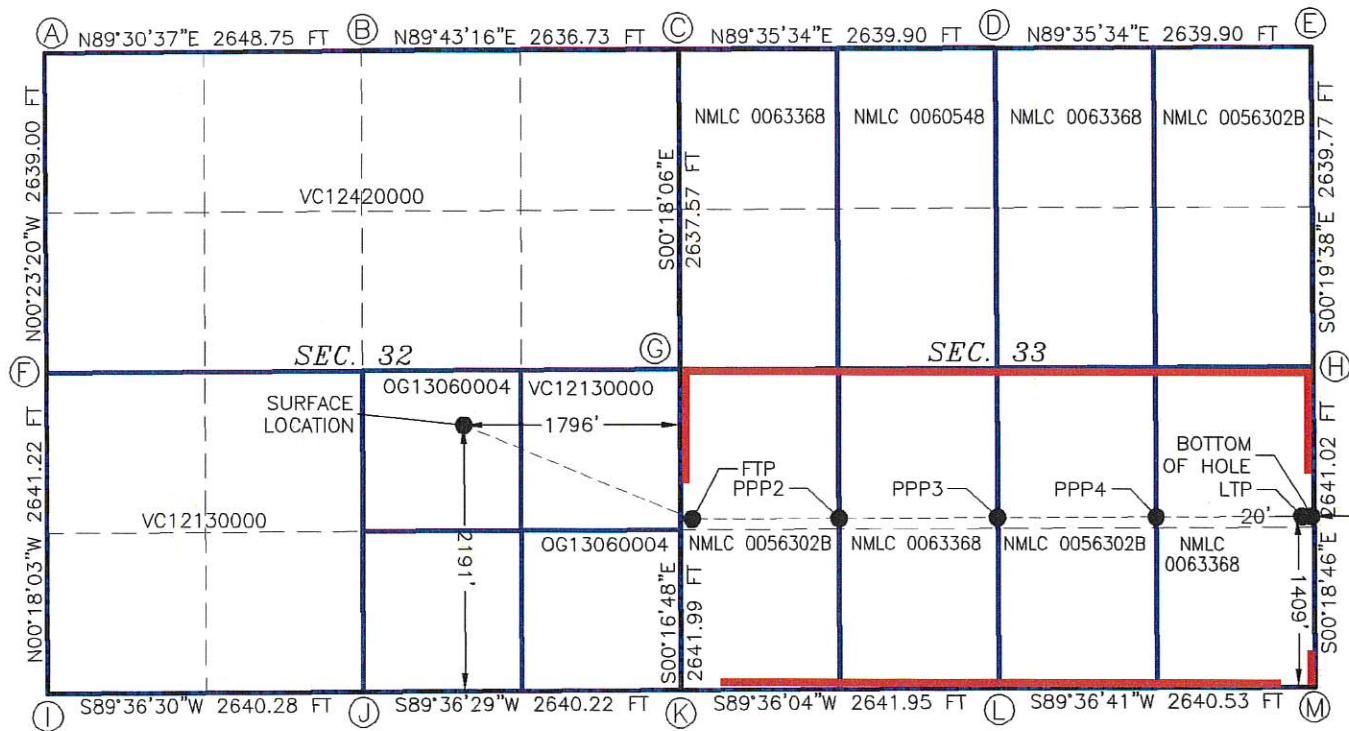
PPP2  
1409' FSL, 1320' FWL  
N.=682251.88  
E.=680811.90  
LAT.=32.8747061'N  
LONG.=103.8790348'W

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 PermittingState 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 checked="" 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:
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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.



7-25-25

Signature

Date

BRIAN WOOD

(505) 466-8120

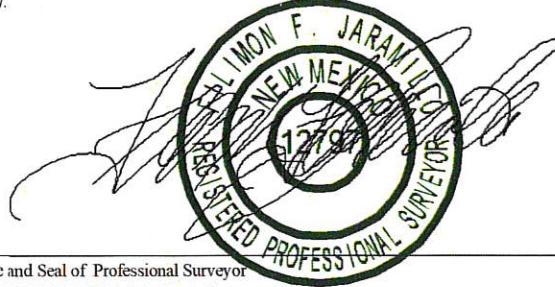
Printed Name

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. 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 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

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

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

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

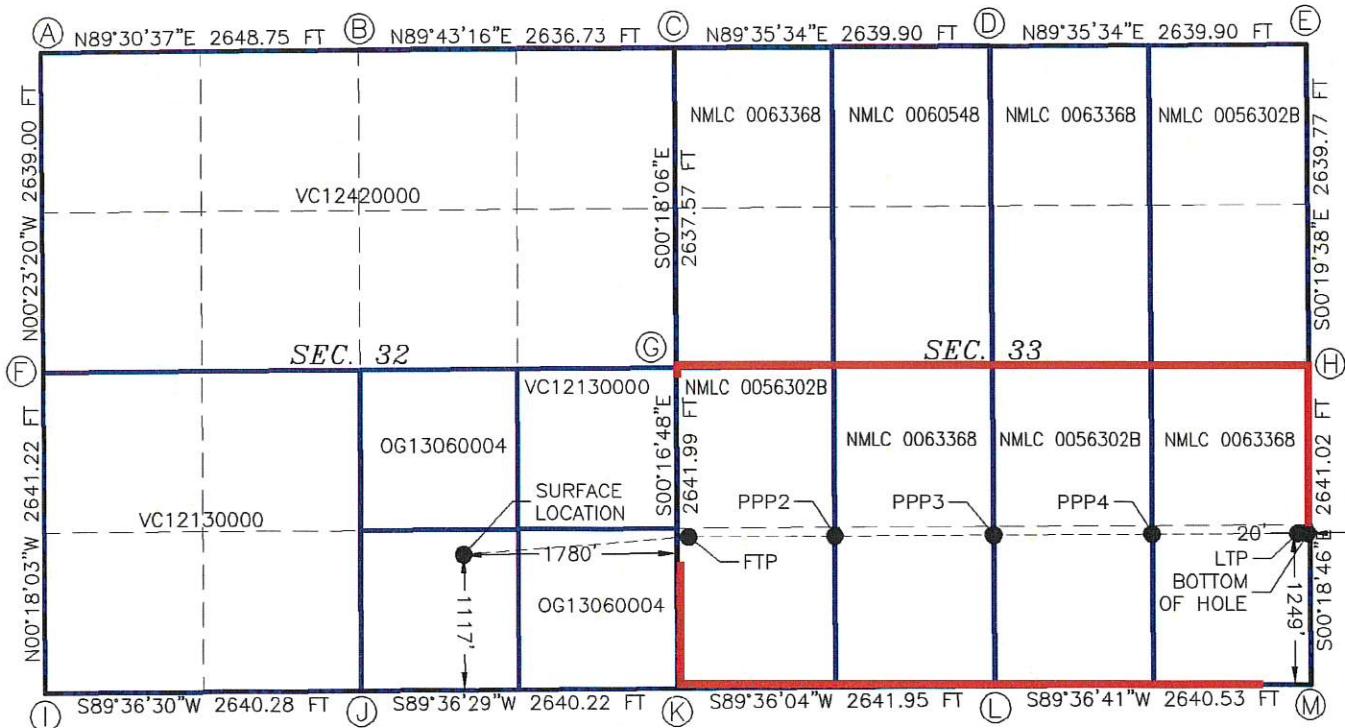
PPP2  
1249' FSL, 1320' FWL  
N.=682091.92  
E.=680812.74  
LAT.=32.8742664'N  
LONG.=103.8790343'W

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 PermittingState 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 <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>	
Property Code	Property Name VAN HALEN 33CD FED COM		Well Number <b>006H</b>
OGRID No. <b>372210</b>	Operator Name LONGFELLOW ENERGY, LP		Ground Level Elevation <b>3901.2</b>
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 32	Section 16 S	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 33	Section 16 S	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
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Dedicated Acres <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.		Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

## Kick Off Point (KOP)

UL O 32	Section 16 S	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 33	Section 16 S	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 33	Section 16 S	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:
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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 in 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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7-30-25

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. 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**  
No. 25804

**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.

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**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

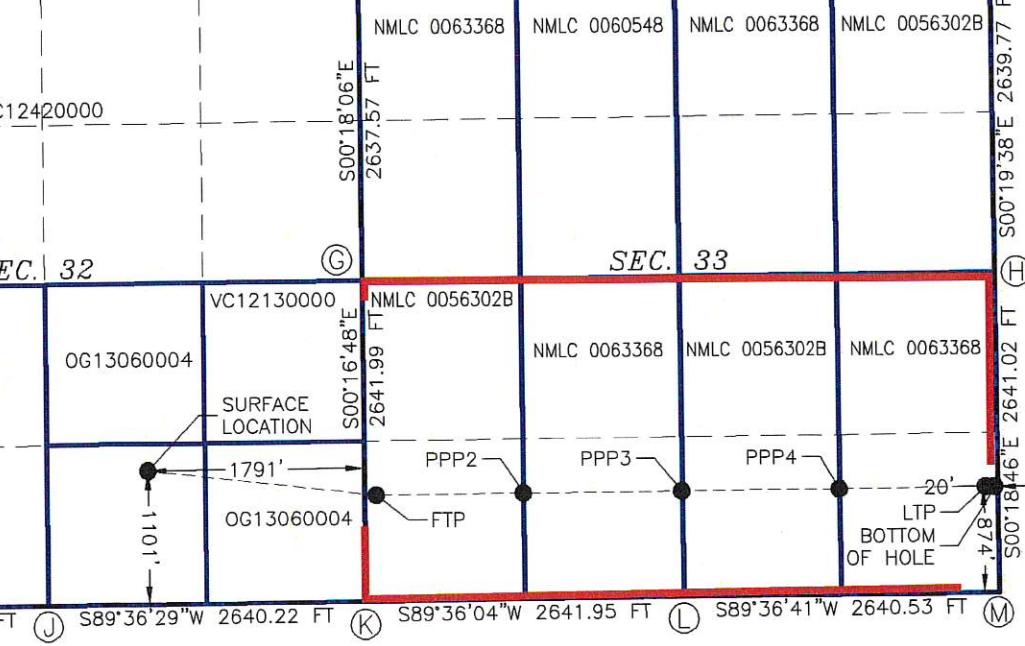
KICK OFF POINT  
1101' FSL, 1791' FEL  
N.=681922.48  
E.=677702.47  
LAT.=32.8738370°N  
LONG.=103.8891672°W

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

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

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

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



**CORNER COORDINATES TABLE**

NAD 83 NMSP EAST		
A	N.=686076.85	E.=674187.91
B	N.=686099.49	E.=676835.89
C	N.=686112.32	E.=679471.91
D	N.=686131.08	E.=682111.08
E	N.=686149.83	E.=684750.24
F	N.=683438.58	E.=674205.82
G	N.=683475.46	E.=679485.80
H	N.=683510.78	E.=684765.30
I	N.=680798.07	E.=674219.68
J	N.=680816.12	E.=676859.22
K	N.=680834.18	E.=679498.71
L	N.=680852.56	E.=682139.92
M	N.=680870.47	E.=684779.72

**LEGEND**

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

C-102

Submit Electronically  
Via OCD PermittingState 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 <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 007H
OGRID No. <b>372210</b>	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 <b>32</b>	Section 16 S	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 <b>33</b>	Section 16 S	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 <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.				

## Kick Off Point (KOP)

UL O <b>32</b>	Section 16 S	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 <b>33</b>	Section 16 S	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 <b>33</b>	Section 16 S	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:
---	--	-------------------------

## OPERATOR CERTIFICATIONS

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7-30-25

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**

CertificateNumber

PLS 12797

Dateof 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

No. 25804

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	PPP3 500' FSL, 2642' FWL N.=681352.20 E.=682137.20 LAT.=32.8722175°N LONG.=103.8747309°W
BOTTOM OF HOLE 500' FSL, 100' FEL N.=681370.20 E.=684757.00 LAT.=32.8722354°N LONG.=103.8661978°W	PPP4 500' FSL, 1320' FEL N.=681361.27 E.=683457.06 LAT.=32.8722266°N LONG.=103.8704319°W

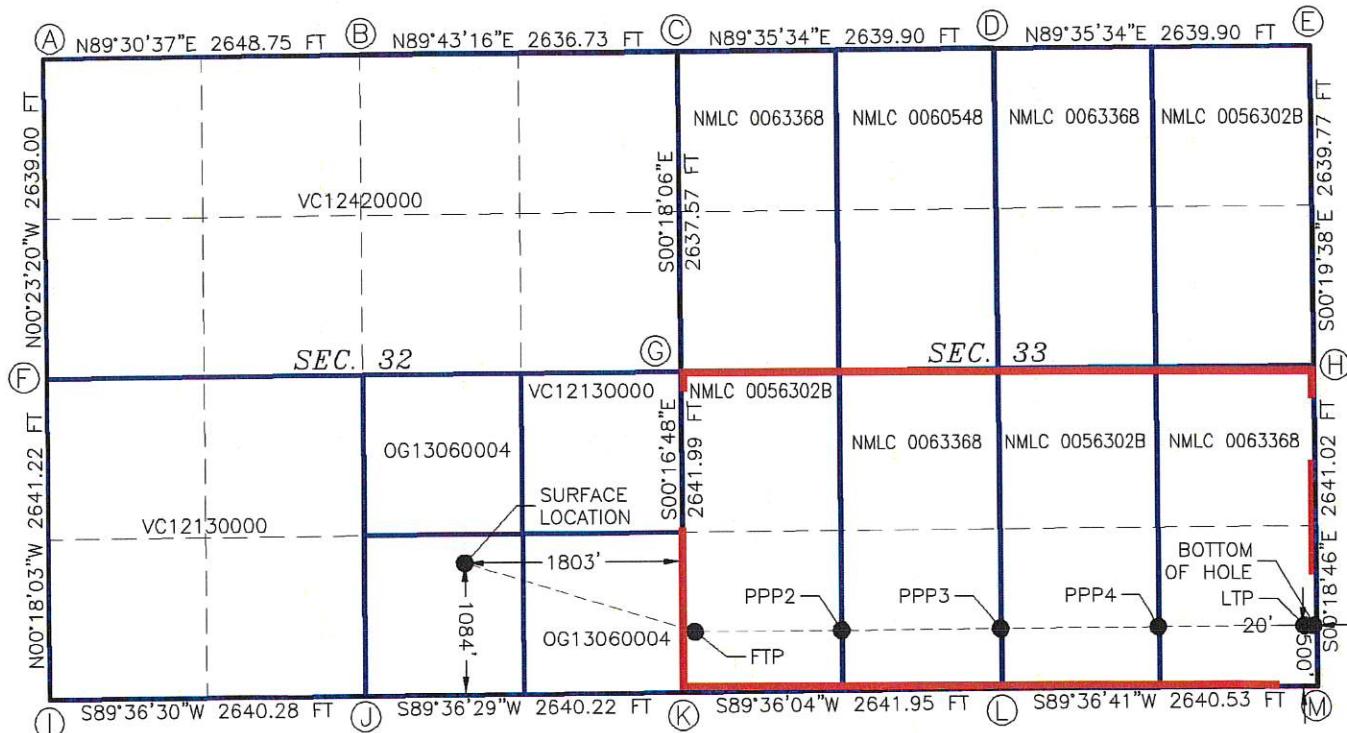
FIRST TAKE POINT 500' FSL, 100' FWL N.=681343.13 E.=680816.68 LAT.=32.8722083°N LONG.=103.8790320°W	PPP2 500' FSL, 1321' FWL N.=681343.13 E.=680816.68 LAT.=32.8722083°N LONG.=103.8790320°W
--	---

**CORNER COORDINATES TABLE**

NAD 83 NMSP EAST	
A	N.=686076.85 E.=674187.91
B	N.=686099.49 E.=676835.89
C	N.=686112.32 E.=679471.91
D	N.=686131.08 E.=682111.08
E	N.=686149.83 E.=684750.24
F	N.=683438.58 E.=674205.82
G	N.=683475.46 E.=679485.80
H	N.=683510.78 E.=684765.30
I	N.=680798.07 E.=674219.68
J	N.=680816.12 E.=676859.22
K	N.=680834.18 E.=679498.71
L	N.=680852.56 E.=682139.92
M	N.=680870.47 E.=684779.72

**LEGEND**

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



C-102

Submit Electronically  
Via OCD PermittingState 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 <b>30-015-</b>	Pool Code <b>96831</b>	Pool Name <b>CEDAR LAKE; GLORIETA-YESO</b>	
Property Code	Property Name <b>VAN HALEN 33CD FED COM</b>		Well Number <b>008H</b>
OGRID No. <b>372210</b>	Operator Name <b>LONGFELLOW ENERGY, LP</b>		Ground Level Elevation <b>3901.0</b>
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
---------	---------------	------------------	---------------	-----	----------------------------	---------------------------	--------------------------	----------------------------	----------------

## 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 <b>320.00</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API VAN HALEN 33CD FED COM 005H	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidation Code <b>C</b>
Order Numbers.		Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" 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)

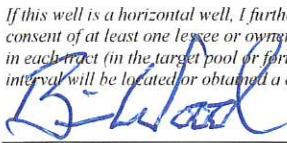
UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 339 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8717925°N	Longitude 103.8664578°W	County EDDY
---------	---------------	------------------	---------------	-----	---------------------------	--------------------------	--------------------------	----------------------------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

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 in 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.

 7-31-25

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. 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

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No. 25804





LFE - Cedar Lake Van Halen 33AB Fed Com Tract Map (Date: 12/19/2025)

Document Path: D:\Data\GIS\Projects\New Mexico\Cedar\_Lake\Van\_Halen\_33AB\LFE-Van\_Halen\_33AB\_tracts.mxd

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

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%
		<b>26.66667</b>	<b>100.00%</b>	<b>25.00%</b>

\*\* 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%
		<b>80.00000</b>	<b>100.00%</b>	<b>25.00%</b>

#	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
	<b>TOTAL</b>					<b>320.0000</b>

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	0.50000000	0.38500000	Participating
JR Oil, Ltd.	PO BOX 53657 Lubbock, TX 79453	Working Interest	2	26.666667	0.08333333	0.06666667	Force Pool
BP America Production Company**	501 Westlake Park Blvd. Houston, TX 77079						
Apache Corporation **	2000 W Sam Houston Pkwy S, Suite 200, Houston, Texas 77042	Working Interest	2	26.666667	0.08333333	0.06666667	Force Pool
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	0.08333333	0.06666667	Force Pool
XTO Holdings, LLC	ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425	Working Interest	3	80.000000	0.25000000	0.20000000	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	1.00000000	

\*\* 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](mailto: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.

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](mailto: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	@	ft TVD	VERTICAL	RE-ENTRY
OBJECTIVE:			ft	HORIZONTAL	X
OBJECTIVE:					WORKOVER
REMARKS:	REVIEWED BY: _____				

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

DRILLING	COMPLETION	FAC-BAT	FAC -OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					
\$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					

DRILLING	COMPLETION	FAC-BAT	FAC - OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
<b>\$117,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>SUPPLEMENTAL</b>
DRILLING	COMPLETION	FAC-BAT	FAC - OIL PIPE	FAC-POWER	



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	@	ft TVD	VERTICAL	RE-ENTRY
OBJECTIVE:			ft	HORIZONTAL	X
OBJECTIVE:					WORKOVER
REMARKS:	REVIEWED BY:				

<b>** IDC - COMPLETION **</b>			
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		
	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		

\$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				
\$35,000				
\$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			
<b>\$0</b>	<b>\$3,270,750</b>	<b>\$373,350</b>	<b>\$0</b>	<b>\$0</b>
<b>DRILLING</b>	<b>COMPLETION</b>	<b>FAC-BAT</b>	<b>FAC-OIL PIPE</b>	<b>FAC-POWER</b>
	\$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			
	<b>\$261,000</b>	<b>\$332,143</b>	<b>\$0</b>	<b>\$0</b>
<b>\$1,859,633</b>				
	<b>\$3,531,750</b>	<b>\$705,493</b>	<b>\$0</b>	<b>\$0</b>
		<b>\$6,096,876</b>		

Approved by: \_\_\_\_\_

Section 6

Company: \_\_\_\_\_

Signed this Day of 20



OPERATOR: Longfellow Energy, LP	LEASE: Van Halen Federal Com 33CD	WELL NO. #2H	FIELD: Yeso	AFE #:	DATE: 8/01/2025
LOCATION: Loco Hills, NM				PROPOSED TD:	
OBJECTIVE: Drill and complete Yeso Hz	Estimated	@	ft TVD	VERTICAL	RE-ENTRY
OBJECTIVE:			ft	HORIZONTAL	X
OBJECTIVE:					WORKOVER
REMARKS:				REVIEWED BY:	

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

DRILLING	COMPLETION	FAC-BAT	FAC -OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					
\$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					
<b>\$1,442,133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

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	Casingheads									
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					
<b>\$417,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
DRILLING	COMPLETION	FAC-BAT	FAC -OIL PIPE	FAC-POWER	SUPPLEMENTAL



<b>OPERATOR:</b>	Longfellow Energy, LP	<b>WELL NO. #2H</b>	<b>FIELD:</b> Yes	<b>AFE #:</b>	<b>DATE:</b> 8/01/2025
<b>LEASE:</b> Van Halen Federal Com 33CD			<b>PROPOSED TD:</b>		<b>ft (MD)</b>
<b>LOCATION:</b> Loco Hills, NM			<b>VERTICAL</b>		<b>RE-ENTRY</b>
<b>OBJECTIVE:</b> Drill and complete Yoso Hz	Estimated	@	<b>HORIZONTAL</b>	X	<b>WORKOVER</b>
<b>OBJECTIVE:</b>					
<b>OBJECTIVE:</b>					
<b>REMARKS:</b>					<b>REVIEWED BY:</b>
<b>3-00</b>	<b>** IDC - COMPLETION **</b>				
3-02	Acidizing				
3-04	Fracturing				
3-06	Perforating		\$1,450,000		
3-08	Cased Hole Logging		\$150,000		
3-10	CO2 / Boosters				
3-12	Electrician / Electrical Services				
3-14	Equipment Rentals		\$128,571		
3-15	Rentals- Potties, Lights, Trash Trailers		\$55,000	\$100,000	
3-16	Frac Tank Rentals		\$5,000		
3-18	Restore Location		\$20,000		
3-20	Right - Of - Way				
3-22	Roustabout Crews				
3-23	Cement Plugs/Bridge Plugs		\$127,000		
3-24	Supervision		\$28,000		
3-25	Completion Overhead		\$65,000		
3-26	Trucking		\$25,000		
3-28	Trucking- Kill Truck		\$35,000		
3-27	Water Transfer- 10" Poly, Fill Pit		\$40,000		
3-28	Water Hauling - Fresh		\$205,000		
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$535,000		
3-30	Slickline Work		\$10,000		
3-32	Reverse Unit / Power Swivel				
3-34	Completion Rig / Daywork		\$55,000		
	7 days @ \$3,200 / day		\$14,000		
3-36	Anchors		\$35,000		
3-38	Drill bits, Unde-reamers, Etc.		\$1,500		
3-40	Coiled Tubing Unit		\$3,500		
3-42	Completion Fluids - Mud, Etc.				
3-44	DH Tool Rental		\$185,000		
3-46	Fishing Tool Rental				
3-48	Tubing Testing, Rental & Inspection				
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$18,000		
3-52	Well Testing Equipment & Labor		\$120,000		
3-57	Technical Labor		\$40,000		
3-54	Miscellaneous Completion		\$20,000		
3-56	Contingencies Completion	5%			
<b>TOTAL INTANGIBLE COMPLETION COSTS:</b>			<b>\$0</b>	<b>\$3,270,750</b>	<b>\$373,350</b>
<b>TANGIBLE COMPLETION COSTS:</b>				<b>\$0</b>	<b>\$0</b>
<b>4-00</b>	<b>** IDC - COMPLETION **</b>		<b>DRILLING</b>	<b>COMPLETION</b>	<b>FAC-BAT</b>
4-01	Tubing				
4-02	Packers		\$26,000		
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	
<b>TOTAL TANGIBLE COMPLETION COSTS:</b>			<b>\$261,000</b>	<b>\$32,143</b>	<b>\$0</b>
<b>TOTAL DRILLING COST</b>		<b>\$1,859,633</b>			
<b>TOTAL COMPLETION COST</b>			<b>\$3,531,750</b>	<b>\$705,493</b>	<b>\$0</b>
<b>TOTAL COMPLETED WELL COST</b>				<b>\$6,096,876</b>	

Approved by: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Signed this \_\_\_\_\_ Day of \_\_\_\_\_ 20 \_\_\_\_\_



OPERATOR: Longfellow Energy, LP	LEASE: Van Halen Federal Com 33CD	WELL NO. #3H	FIELD: Yeso	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	X
OBJECTIVE:					WORKOVER
REMARKS:				REVIEWED BY:	

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

**TOTAL INTANGIBLE DRILLING COSTS:**

TANGIBLE DRILLING COSTS:					
2-00	** IDC - DRILLING **				
TUBULAR GOODS (Surf., Int., 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	Elbowline & Valves				

### **TOTAL TANGIBLE DRILLING COSTS:**

#### **INTANGIBLE COMPLETION COSTS:**

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					
\$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					
<b>\$1,442,133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
<b>\$117,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>SUPPLEMENTAL</b>
<b>DRILLING</b>	<b>COMPLETION</b>	<b>FAC-BAT</b>	<b>FAC-OIL PIPE</b>	<b>FAC-POWER</b>	





**OPERATOR:** Longfellow Energy, LP  
**LEASE:** Van Halen Federal Com 33CD      **WELL NO. #4H**      **FIELD:** Yeso      **AFE #:**      **DATE:** 8/01/2025  
**LOCATION:** Loco Hills, NM  
**OBJECTIVE:** Drill and complete Yeso Hz      **Estimated**      **@**      **ft TVD**      **PROPOSED TD:**      **ft (MD)**  
**OBJECTIVE:**      **ft**      **VERTICAL**      **RE-ENTRY**  
**OBJECTIVE:**      **ft**      **HORIZONTAL**      **X**      **WORKOVER**  
**REMARKS:**      **REVIEWED BY:**

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

TANGIBLE DRILLING COSTS:										
** IDC - DRILLING **										
TUBULAR GOODS (Surf., Inter., Prod., Thbg.)										
	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:										
INTERGRAL COMPLETION COSTS										

DRILLING	COMPLETION	FAC-BAT	FAC -OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					
\$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					
<b>\$1,442,133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

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



OPERATOR: Longfellow Energy, LP	LEASE: Van Halen Federal Com 33CD	WELL NO. #4H	FIELD: Yeso	AFE #:	DATE: 8/01/2025
LOCATION: Loco Hills, NM				ft (MD)	
OBJECTIVE: Drill and complete Yeso Hz	Estimated	@	ft TVD	VERTICAL	RE-ENTRY
OBJECTIVE:			ft	HORIZONTAL	X
OBJECTIVE:					WORKOVER
REMARKS:				REVIEWED BY:	

<b>** IDC - COMPLETION **</b>			
3-02	Acidizing		
3-04	Fracturing		
3-06	Perforating		
3-08	Cased Hole Logging		
3-10	CO <sub>2</sub> / Boosters		
3-12	Electrician / Electrical Services		
3-14	Equipment Rentals		
3-15	Rentals- Porties, 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		
	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%
<b>TOTAL INTANGIBLE COMPLETION COSTS:</b>			
<b>TANGIBLE COMPLETION COSTS:</b>			
<b>** IDC - COMPLETION **</b>			
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
		"	"
		"	"
4-32	Tubing Head		
4-34	Valves, Gauges and Miscellaneous		
4-38	Artificial Lift and Accessories		
4-40	Flowline		
<b>TOTAL TANGIBLE COMPLETION COSTS:</b>			
<b>TOTAL DRILLING COST</b>			
<b>TOTAL COMPLETION COST</b>			
<b>TOTAL COMPLETED WELL COST</b>			

\$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			
<b>\$0</b>	<b>\$3,270,750</b>	<b>\$373,350</b>	<b>\$0</b>	<b>\$0</b>
<b>DRILLING</b>	<b>COMPLETION</b>	<b>FAC-BAT</b>	<b>FAC-OIL PIPE</b>	<b>FAC-POWER</b>
	\$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			
	<b>\$261,000</b>	<b>\$332,143</b>	<b>\$0</b>	<b>\$0</b>
<b>\$1,859,633</b>				
	<b>\$3,531,750</b>	<b>\$705,493</b>	<b>\$0</b>	<b>\$0</b>
		<b>\$6,096,876</b>		

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	OBJECTIVE: Drill and complete Yeso Hz	Estimated @	ft TVD	PROPOSED TD: VERTICAL	ft (MD)
OBJECTIVE:	OBJECTIVE:		ft	HORIZONTAL	X
OBJECTIVE:	RE-ENTRY			WORKOVER	
REMARKS:	REVIEWED BY:				

<b>INTANGIBLE DRILLING COSTS</b>				
<b>1-00</b>	<b>** IDC - DRILLING **</b>			
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			

DRILLING	COMPLETION	FAC-BAT	FAC -OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					
\$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					

TOTAL INTANGIBLE DRILLING COSTS:										
TANGIBLE DRILLING COSTS:										
2-00	** IDC - DRILLING **									
<b>TUBULAR GOODS</b> (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'					
<b>DRILLING - SURFACE EQUIPMENT</b>										
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
\$1,442,133	\$0	\$0	\$0	\$0	
\$27,400					
\$56,000					
\$159,100					
\$137,500					
\$35,000					
\$2,500					
<b>\$417,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL



OPERATOR: Longfellow Energy, LP	LEASE: Van Halen Federal Con 33CD	WELL NO. #5H	FIELD: Yeso	AFE #: 1000	DATE: 8/01/2025
LOCATION: Loco Hills, NM				PROPOSED TD: 5,000 ft (MD)	
OBJECTIVE: Drill and complete Yeso Hz	Estimated	@	ft TVD	VERTICAL	RE-ENTRY
OBJECTIVE:				ft HORIZONTAL	X WORKOVER
OBJECTIVE:					
REMARKS:	REVIEWED BY: _____				

** IDC - COMPLETION **			
3-02	Acidizing		
3-04	Fracturing		
3-06	Perforating		
3-08	Cased Hole Logging		
3-10	CO <sub>2</sub> 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		50%
<b>TOTAL INTANGIBLE COMPLETION COSTS:</b>			
<b>TANGIBLE COMPLETION COSTS:</b>			
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		
<b>TOTAL TANGIBLE COMPLETION COSTS:</b>			
<b>TOTAL DRILLING COST</b>			
<b>TOTAL COMPLETION COST</b>			
<b>TOTAL COMPLETED WELL COST</b>			

**Approved by:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Title:** \_\_\_\_\_

Signed this \_\_\_\_\_ Day of \_\_\_\_\_ 20 \_\_\_\_\_



OPERATOR: Longfellow Energy, LP	LEASE: Van Halen Federal Com 33CD	WELL NO. #6H	FIELD: Yeso	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	X
OBJECTIVE:					WORKOVER
REMARKS:				REVIEWED BY:	

<b>INTANGIBLE DRILLING COSTS</b>				
<b>1-00</b>	<b>** IDC - DRILLING **</b>			
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 / Undreamers, 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 Set (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			

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					
<b>\$417,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>SUPPLEMENTAL</b>
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL



Approved by:

**Company:** \_\_\_\_\_

**Title:** \_\_\_\_\_

Signed this \_\_\_\_\_ Day of \_\_\_\_\_ 20\_\_\_\_



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

TANGIBLE DRILLING COSTS:										
** 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					
<b>\$417,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>SUPPLEMENTAL</b>
<b>DRILLING</b>	<b>COMPLETION</b>	<b>FAC-BAT</b>	<b>FAC-OIL PIPE</b>	<b>FAC-POWER</b>	



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

<b>** IDC - COMPLETION **</b>			
3-02	Acidizing		
3-04	Fracturing		
3-06	Perforating		
3-08	Cased Hole Logging		
3-10	CO <sub>2</sub> / 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	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%
<b>TOTAL INTANGIBLE COMPLETION COSTS:</b>			
<b>TANGIBLE COMPLETION COSTS:</b>			
4-00	<b>** IDC - COMPLETION **</b>		
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
		"	"
		"	"
4-32	Tubing Head		
4-34	Valves, Gauges and Miscellaneous		
4-38	Artificial Lift and Accessories		
4-40	Flowline		
<b>TOTAL TANGIBLE COMPLETION COSTS:</b>			
<b>TOTAL DRILLING COST</b>			
<b>TOTAL COMPLETION COST</b>			
<b>TOTAL COMPLETED WELL COST</b>			

**Approved by:** \_\_\_\_\_

Company:

**Title:** \_\_\_\_\_

Signed this Day of 20



**OPERATOR:** Longfellow Energy, LP  
**LEASE:** Van Halen Federal Com 33CD      **WELL NO. #8H**      **FIELD:** Yeso      **AFE #:**      **DATE:** 8/01/2025  
**LOCATION:** Loco Hills, NM  
**OBJECTIVE:** Drill and complete Yeso Hz.      **Estimated**      **@**      **ft TVD**      **PROPOSED TD:**      **ft (MD)**  
**OBJECTIVE:**      **ft**      **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 / Undreamers, 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 Set (Roustabout, Testor, etc.)			
1-52	Production Casing Cementing			
1-56	Open-Hole Logging OH Logs + Geosteering			
1-58	Drilling Contingencies			50%
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			

DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	SUPPLEMENTAL
\$45,000					
\$23,500					
\$83,500					
\$5,000					
\$3,500					
\$41,000					
\$15,000					
\$15,000					
\$0					
\$18,750					
\$0					
\$57,600					
\$25,000					
\$95,000					
\$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					

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					
<b>\$417,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>SUPPLEMENTAL</b>
DRILLING	COMPLETION	FAC-BAT	FAC-OIL PIPE	FAC-POWER	



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

** 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			

\$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
<b>DRILLING</b>	<b>COMPLETION</b>	<b>FAC-BAT</b>	<b>FAC-OIL PIPE</b>	<b>FAC-POWER</b>
	\$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		
	<b>\$261,000</b>	<b>\$332,143</b>	<b>\$0</b>	<b>\$0</b>
<b>\$1,859,633</b>				
	<b>\$3,531,750</b>	<b>\$705,493</b>	<b>\$0</b>	<b>\$0</b>
		<b>\$6,096,876</b>		

Approved by: \_\_\_\_\_

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 Blinebry members of the Yeso formation. The total gross thickness of the Yeso section in the Van Halen 33CD unit is approximately 1400' thick.

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

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

10. 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'

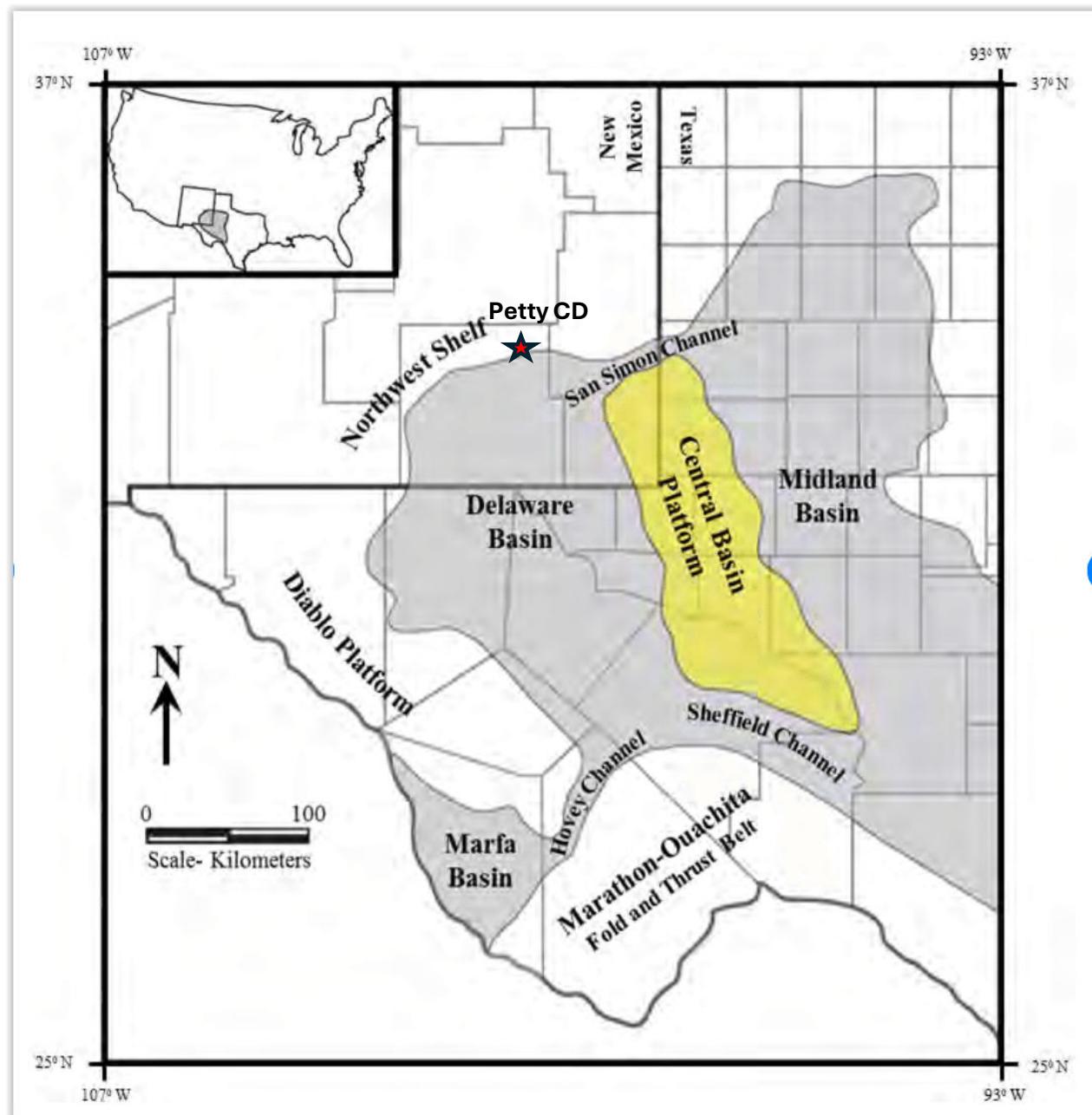
11. Based on my geologic study of the area, I conclude the following:
  - a. The horizontal spacing and proration units are justified from a geologic standpoint.
  - b. There are no structural impediments or faulting that will interfere with horizontal development.
  - c. Each quarter-quarter section 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

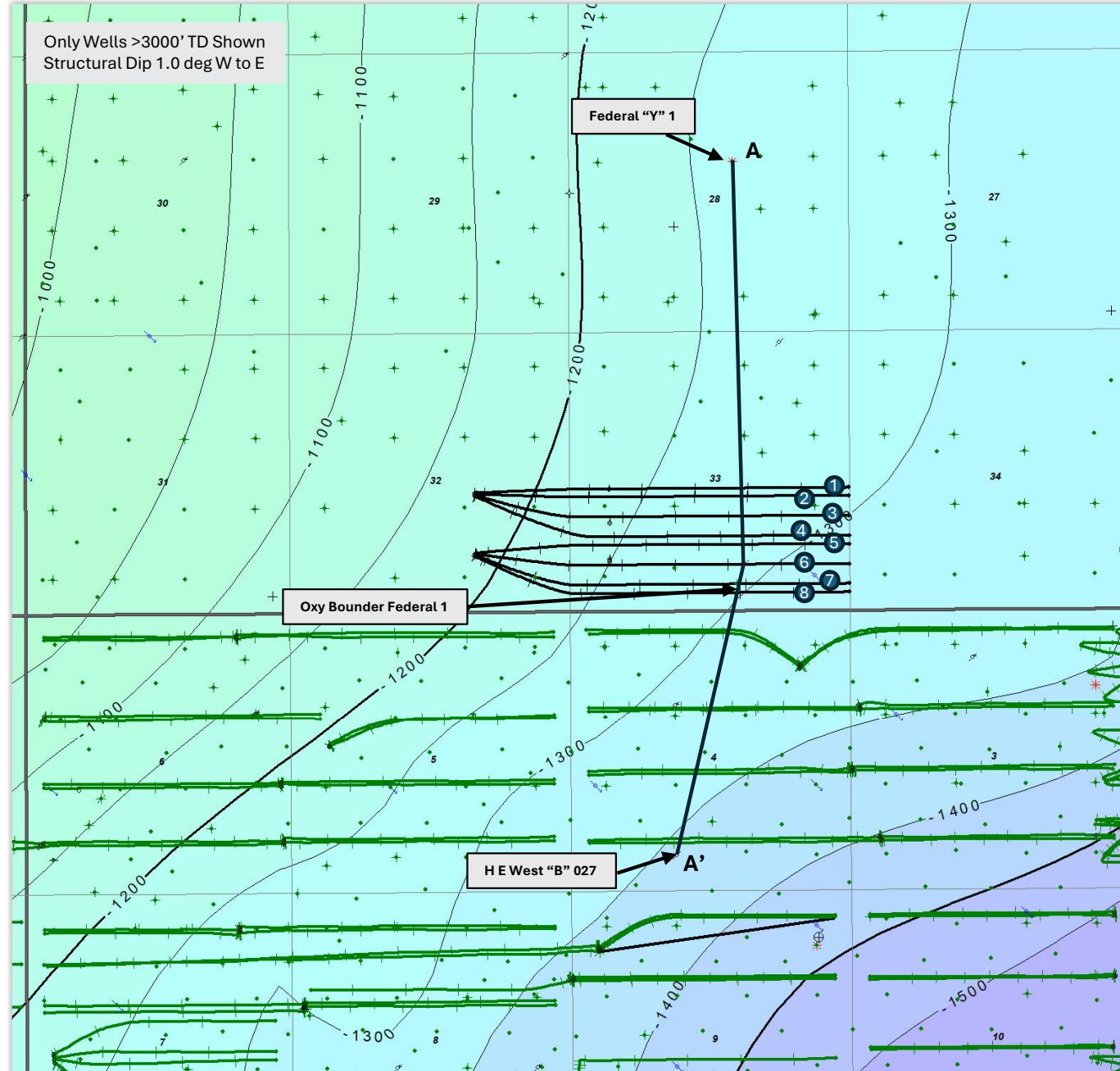
12.22.25  
Date

**Van Halen 33CD Unit CPO**  
**Exhibit B-1****Geologic Setting**

## Top Yesso Structure Map TVDSS

CI 50'

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

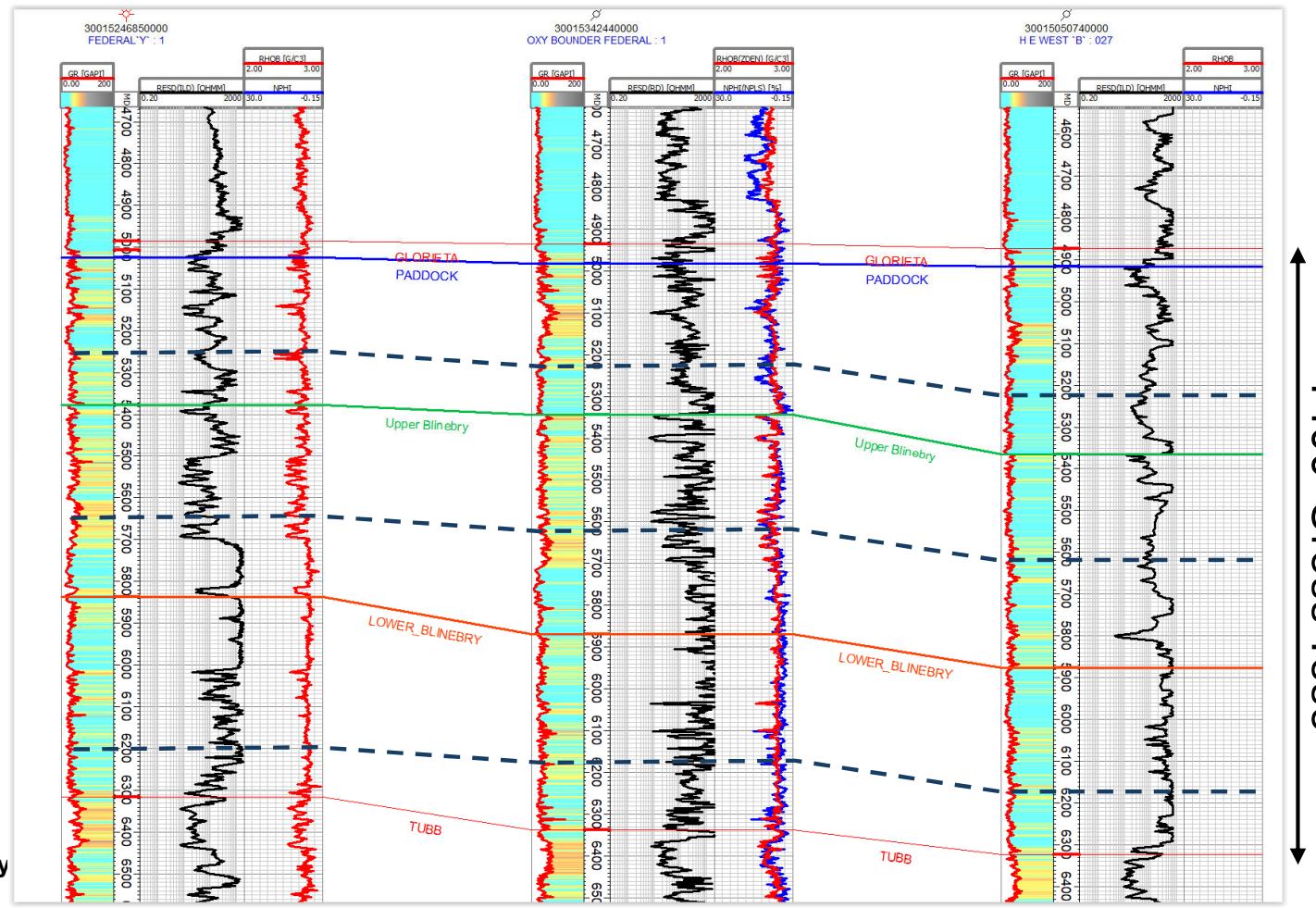


## Van Halen 33CD Unit CPO Exhibit B-2

- 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

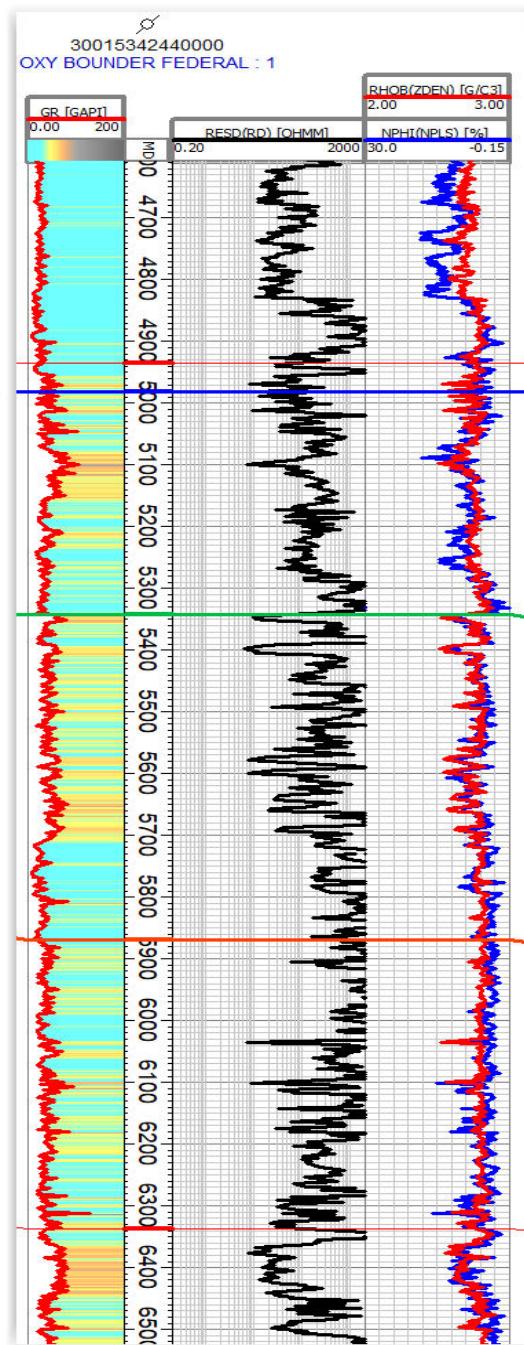
**Van Halen 33CD Unit CPO**  
**Exhibit B-3**

**Yeso Cross Section A-A'**

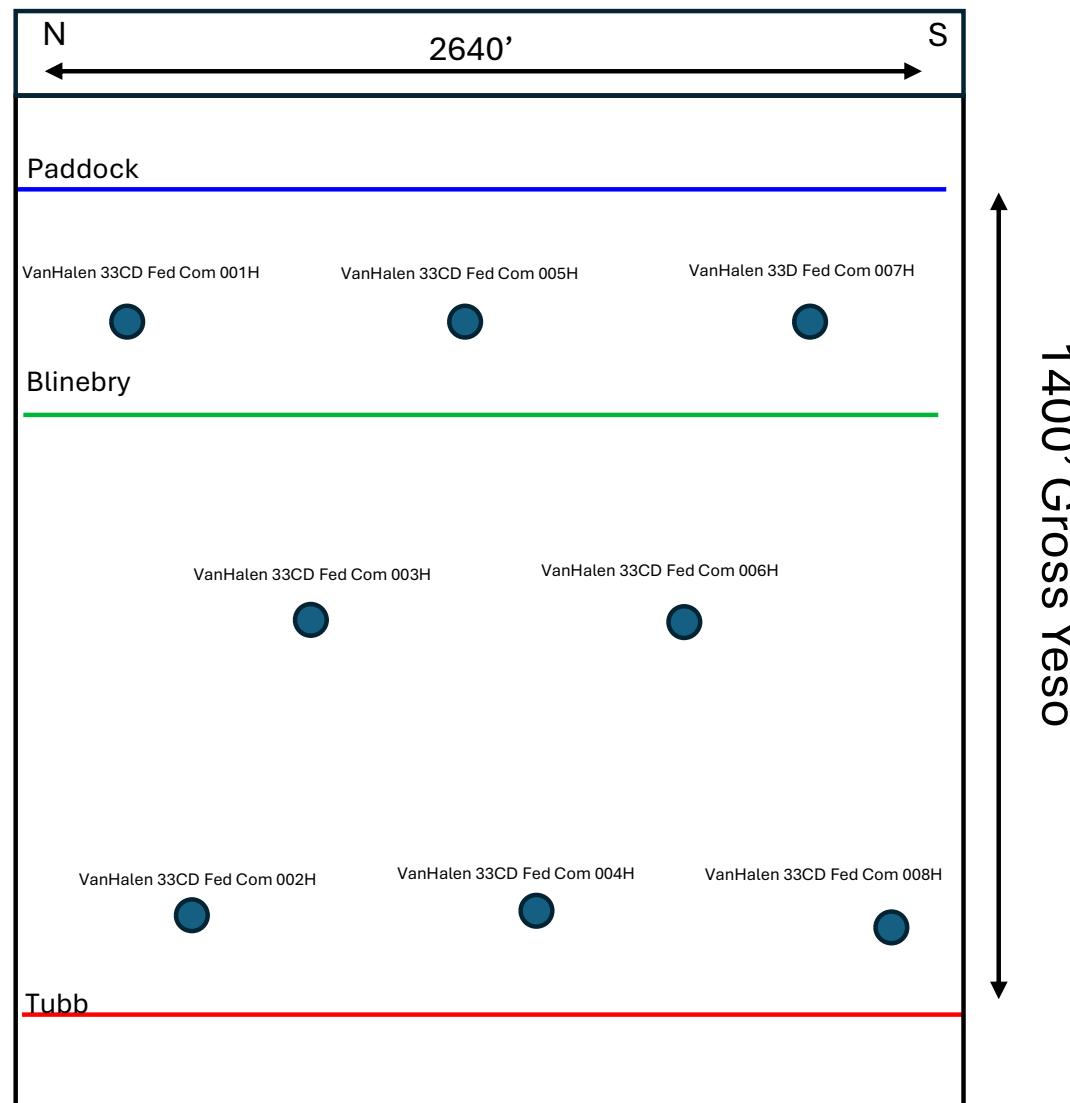


**Van Halen 33CD Unit CPO**  
**Exhibit B-4**

**Van Halen 33CD Fed Com Gun Barrell**



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

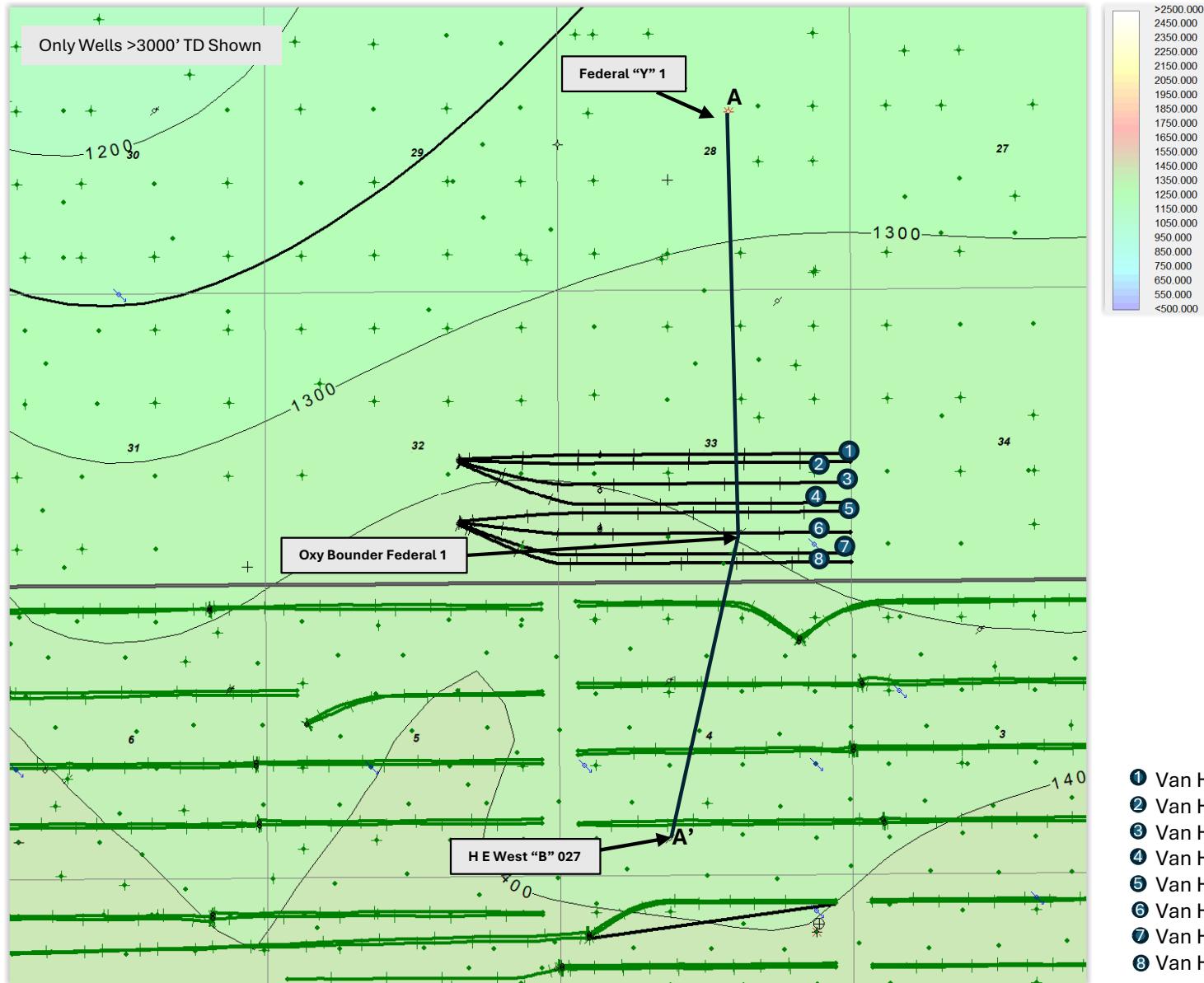


## Van Halen 33D Unit CPO

### Exhibit B-5

#### Yeso Gross Isopach Map

CI 50'



- 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

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

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

**Case No. 25804**

**AFFIRMATION OF NOTICE**

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

I caused notice of the application to be sent by certified mail through the United States Postal Service on December 15, 2025 and December 18, 2025, to all interest owners sought to be pooled in this proceeding. Sample notice letters to all interested parties are attached hereto as Exhibit C-1. A chart showing the results of certified mailing is attached as Exhibit C-2, and the certified mailing receipts and returns are attached as Exhibit C-3. Notice was also directed by publication in the Carlsbad Current Argus on December 18, 2025, to all such owners whose interest was evidenced by a written conveyance document either of record or known to the applicant at the time the applicant filed the application, as shown in the Notice attached hereto as Exhibit C-4. In addition, notice was provided by electronic mail to Hilcorp Energy 1, LP ("Hilcorp"), which thereafter indicated in writing that Hilcorp does not oppose this application so long as Hilcorp can sign a joint operating agreement after hearing in this matter. *See* Exhibit C-5, attached hereto. The attached exhibits demonstrate to my satisfaction that all owners sought to be pooled were properly served.

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

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

/s/ Sharon T. Shaheen  
SHARON T. SHAHEEN

December 31, 2025  
Date



SpencerFane®

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



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, 1<sup>st</sup> 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*

STF 2936125.3

## EXHIBIT A

### INTEREST OWNERS

#### Working Interest Party(ies):

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

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

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

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

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

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

#### Additional Interested Party(ies):

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



SpencerFane®

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

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 18, 2025  
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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, 1<sup>st</sup> 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*

STF 2936998.1

**EXHIBIT A****INTEREST OWNERS****Working Interest Party(ies):**

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

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

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

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

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

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

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

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

**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 <sup>1</sup>	Status of Delivery	Date Received
<b>WORKING INTEREST PARTY(IES)</b>				
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 <sup>1</sup>	Status of Delivery	Date Received
<b>OVERRIDING ROYALTY INTEREST PARTY(IES)</b>				
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	
<b>ADDITIONAL PARTY(IES)</b>				
Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220	December 15, 2025	9314 7699 0430 0143 5010 41	Delivered	December 18, 2025

<sup>1</sup> 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

<b>Recipient:</b>	<b>Date Created:</b>	12/15/2025 9:01 AM
JR Oil, Ltd	<b>Date Mail Delivered:</b>	12/19/2025 11:43 AM
P.O. Box 52647	<b>USPS Article Number:</b>	9314769904300143500976
Tulsa, OK 74152	<b>Return Receipt Article Number:</b>	9590969904300143500978
<b>Sender:</b>	<b>Service Options:</b>	Return Receipt Certified Mail
Sharon T. Shaheen	<b>Mail Service:</b>	Certified
Longfellow (9015392_2107) Van Halen Wells	<b>Reference #:</b>	001
Spencer Fane, LLP	<b>Postage:</b>	\$1.90
325 Paseo de Peralta	<b>Certified Mail Fees:</b>	\$9.70
Santa Fe, NM 87501-1860	<b>Status:</b>	Delivered
Transaction created by: Dortiz	<b>Sender:</b>	S. Shaheen
User ID: 32565	<b>Contents:</b>	Notice Letter
Firm Mailing Book ID: None	<b>Custom Field 2:</b>	Van Halen Wells
Batch ID: 325627	<b>Custom Field 3:</b>	25804

## Transaction History

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

## Transaction Details

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	<b>Return Receipt Article Number:</b>	9590969904300143500985
<b>Sender:</b>	<b>Service Options:</b>	Return Receipt Certified Mail
Sharon T. Shaheen Longfellow (9015392.2107) Van Halen Wells Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	<b>Mail Service:</b>	Certified
	<b>Reference #:</b>	002
	<b>Postage:</b>	\$1.90
	<b>Certified Mail Fees:</b>	\$9.70
	<b>Status:</b>	Delivered
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User ID:	<b>Contents:</b>	Notice Letter
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Batch ID:	<b>Custom Field 3:</b>	25804

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USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-19-2025 09:13 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 02:53 AM	[USPS] - PROCESSED THROUGH USPS FACILITY at SOUTH HOUSTON PROCESSING
USPS® Certified Mail	12-20-2025 11:07 AM	[USPS] - CERTIFIED MAIL DELIVERED FRONT DESKRECEPTIONMAIL ROOM at HOUSTON,TX

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

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

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

**Service Options:** Return Receipt  
 Certified Mail  
**Mail Service:** Certified  
**Reference #:** 003  
**Postage:** \$1.90  
**Certified Mail Fees:** \$9.70  
**Status:** Delivered  
**Sender:** S. Shaheen  
**Contents:** Notice Letter  
**Custom Field 2:** Van Halen Wells  
**Custom Field 3:** 25804

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

## Transaction History

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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
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## Transaction Details

<b>Recipient:</b> XTO Holdings, LLC ExxonMobil EMHC Land Dept. Loc. 115 22777 Springwoods Village Pkwy Spring, TX 77389-1425	<b>Date Created:</b> 12/15/2025 9:01 AM <b>Date Mail Delivered:</b> 12/22/2025 10:19 AM <b>USPS Article Number:</b> 9314769904300143501003 <b>Return Receipt Article Number:</b> 9590969904300143501005
<b>Sender:</b> Sharon T. Shaheen Longfellow (9015392.2107) Van Halen Wells Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	<b>Service Options:</b> Return Receipt Certified Mail Certified <b>Mail Service:</b> Certified <b>Reference #:</b> 004 <b>Postage:</b> \$1.90 <b>Certified Mail Fees:</b> \$9.70 <b>Status:</b> Delivered <b>Sender:</b> S. Shaheen <b>Contents:</b> Notice Letter <b>Custom Field 2:</b> Van Halen Wells <b>Custom Field 3:</b> 25804
<b>Transaction created by:</b> Dortiz <b>User ID:</b> 32565 <b>Firm Mailing Book ID:</b> None <b>Batch ID:</b> 325627	

## Transaction History

<b>Event Description</b>	<b>Event Date</b>	<b>Details</b>
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USPS® Certified Mail	12-22-2025 10:19 AM	[USPS] - CERTIFIED MAIL DELIVERED LEFT WITH INDIVIDUAL at SPRING,TX

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

## Transaction Details

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Sender:	Service Options:	Return Receipt Certified Mail
Sharon T. Shaheen Longfellow (9015392.2107) Van Halen Wells	Mail Service:	Certified
Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	Reference #:	
	Postage:	\$1.90
	Certified Mail Fees:	\$9.70
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Transaction created by: Ortiz		
User ID: 32565		
Firm Mailing Book ID: None		
Batch ID:		

## Transaction History

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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

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

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

**Service Options:** Return Receipt  
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 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

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USPS® Certified Mail	12-18-2025 11:26 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Return Receipt	12-18-2025 09:38 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Return Receipt	12-18-2025 10:53 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
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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] - RPROCESSED 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

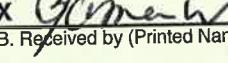
Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 <b>9590 9699 0430 0143 6757 99</b>		<b>A. Signature</b> <input checked="" type="checkbox"/> <i>Sharon Van</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
<b>B. Received by (Printed Name)</b> <b>3 Van</b>		<b>C. Date of Delivery</b> <b>1-23-25</b>	
<b>D. Is delivery address different from item 1?</b> <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No			
<b>1. Article Addressed to:</b> Apache Corporation 2000 W Sam Houston Pkwy S Suite 200 Houston, TX 77042			
<b>2. Certified Mail (Form 3800) Article Number</b> <b>9314 7699 0430 0143 6757 97</b>			
<b>3. Service Type:</b> <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery			
<b>Reference Information</b>			
PS Form 3811, Facsimile, July 2015		Domestic Return Receipt	

## Transaction Details

<b>Recipient:</b>	<b>Date Created:</b>	12/15/2025 9:01 AM
R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, TX 75283-0308	<b>Date Mail Delivered:</b>	12/22/2025 9:57 AM
	<b>USPS Article Number:</b>	9314769904300143501010
	<b>Return Receipt Article Number:</b>	9590969904300143501012
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Sharon T. Shaheen Longfellow (9015392,2107) Van Halen Wells Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	<b>Mail Service:</b>	Certified
	<b>Reference #:</b>	005
	<b>Postage:</b>	\$1.90
	<b>Certified Mail Fees:</b>	\$9.70
	<b>Status:</b>	Delivered
	<b>Sender:</b>	S. Shaheen
	<b>Contents:</b>	Notice Letter
	<b>Custom Field 2:</b>	Van Halen Wells
	<b>Custom Field 3:</b>	25804
<b>Transaction created by:</b>	Dortiz	
<b>User ID:</b>	32565	
<b>Firm Mailing Book ID:</b>	None	
<b>Batch ID:</b>	325627	

## Transaction History

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

<b>Return Receipt (Form 3811) Barcode</b>  <b>9590 9699 0430 0143 5010 12</b>		<b>COMPLETE THIS SECTION ON DELIVERY</b>	
<b>1. Article Addressed to:</b> R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee P.O. Box 830308 Dallas, TX 75283-0308		A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) <b>X</b> C. Date of Delivery <b>DEC 22 2025</b> D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:	
<b>2. Certified Mail (Form 3800) Article Number</b> <b>9314 7699 0430 0143 5010 10</b>		3. Service Type: <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <b>Reference Information</b>	
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

**Sender:**  
 Sharon T. Shaheen  
 Longfellow (90153922107) Van Halen Wells  
 Spencer Fane, LLP  
 325 Paseo de Peralta  
 Santa Fe, NM 87501-1860

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

**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

**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 History

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

Return Receipt (Form 3811) Barcode		COMPLETE THIS SECTION ON DELIVERY	
 <b>9590 9699 0430 0143 5010 29</b>		<input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <b>X</b> <i>Sharon T. Shaheen</i> <b>B. Received by (Printed Name)</b> <b>C. Date of Delivery</b>  <input type="checkbox"/> Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> If YES, enter delivery address below: <input type="checkbox"/> No  <b>DEC 22 2025</b>	
<b>1. Article Addressed to:</b>  <b>John W.R. Boyle Trust, John W.R. Boyle    and Bank of America, NA, Co-Trustees    P.O. Box 830308    Dallas, TX 75283-0308</b>		<b>3. Service Type:</b> <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery  <b>Reference Information</b>	
<b>2. Certified Mail (Form 3800) Article Number</b> <b>9314 7699 0430 0143 5010 27</b>			
<b>PS Form 3811, Facsimile, July 2015</b>		<b>Domestic Return Receipt</b>	

## Transaction Details

Recipient:	Date Created:	12/15/2025 9:01 AM
Fullerton Oil & Gas Corporation 380 East Green Street Pasadena, CA 91105	USPS Article Number:	9314769904300143501034
	Return Receipt Article Number:	9590969904300143501036
Sender:	Service Options:	Return Receipt Certified Mail
Sharon T. Shaheen Longfellow (9015392.2107) Van Halen Wells Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	Mail Service:	Certified
	Reference #:	007
	Postage:	\$1.90
	Certified Mail Fees:	\$9.70
	Status:	To be Returned
	Sender:	S. Shaheen
	Contents:	Notice Letter
Transaction created by: Dortiz User ID: 32565 Firm Mailing Book ID: None Batch ID: 325627	Custom Field 2:	Van Halen Wells
	Custom Field 3:	25804

## Transaction History

Event Description	Event Date	Details
USPS® Return Receipt	12-15-2025 09:14 AM	[USPS] - RETURN RECEIPT ASSOCIATED at SANTA FE,NM
USPS® Certified Mail	12-15-2025 11:25 AM	[USPS] - PRESHIPMENT INFO SENT USPS AWAITS ITEM at SANTA FE,NM
USPS® Certified Mail	12-16-2025 09:50 PM	[USPS] - ORIGIN ACCEPTANCE at SANTA FE,NM
USPS® Certified Mail	12-16-2025 11:05 PM	[USPS] - PROCESSED THROUGH USPS FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-17-2025 09:18 AM	[USPS] - DEPARTED USPS REGIONAL FACILITY at ALBUQUERQUE,NM
USPS® Certified Mail	12-18-2025 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

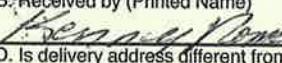
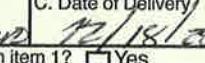
## Transaction Details

<b>Recipient:</b>	<b>Date Created:</b>	12/15/2025 9:01 AM
Bureau of Land Management United State of America 310 Dinosaur Trail Santa Fe, NM 87508	<b>Date Mail Delivered:</b>	12/18/2025 1:16 PM
	<b>USPS Article Number:</b>	9314769904300143501041
	<b>Return Receipt Article Number:</b>	9590969904300143501043
<b>Sender:</b>	<b>Service Options:</b>	Return Receipt Certified Mail
Sharon T. Shaheen Longfellow (9015392.2107) Van Halen Wells Spencer Fane, LLP 325 Paseo de Peralta Santa Fe, NM 87501-1860	<b>Mail Service:</b>	Certified
	<b>Reference #:</b>	008
	<b>Postage:</b>	\$1.90
	<b>Certified Mail Fees:</b>	\$9.70
	<b>Status:</b>	Delivered
	<b>Sender:</b>	S. Shaheen
	<b>Contents:</b>	Notice Letter
	<b>Custom Field 2:</b>	Van Halen Wells
	<b>Custom Field 3:</b>	25804

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

## Transaction History

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

<p>Return Receipt (Form 3811) Barcode</p>  <p>9590 9699 0430 0143 5010 43</p>		<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  C. Date of Delivery  12/18/25</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below: _____</p> <p>3. Service Type:  <input checked="" type="checkbox"/> Certified Mail  <input type="checkbox"/> Certified Mail Restricted Delivery  <a href="#">Reference Information</a></p>	
<p>1. Article Addressed to:</p> <p>Bureau of Land Management United State of America 310 Dinosaur Trail Santa Fe, NM 87508</p>			
<p>2. Certified Mail (Form 3800) Article Number 9314 7699 0430 0143 5010 41</p>			
<p>PS Form 3811, Facsimile, July 2015</p> <p>Domestic Return Receipt</p>			

# Affidavit of Publication

No.

76800

State of New Mexico

County of Eddy:

**Adrian Hedden**

being duly sworn, sayes 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 WTP Limited Partnership; XTO Holdings, LLC; ExxonMobil EMHC; R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee; John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees; Fullerton Oil & Gas Corporation; and Bureau of Land Management, United States of America.

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

**Case No. 25804. Application of Longfellow Operating Partners, LLC for Compulsory Pooling, Eddy County, New Mexico.** Applicant in the above-styled cause seeks an order from the Oil Conservation Division approving a standard ~320-acre horizontal spacing and proration unit (HSU), with proximity tracts, comprised of the South Half of Section 33, Township 16 South, Range 31 East in Eddy County, New Mexico and pooling all mineral interests in the Yeso formation (CEDAR LAKE, GLORIETA-YESO [96831]) underlying the HSU. Applicant proposes to drill the following 1.0-mile wells in the HSU: Van Halen 33CD Fed Com 001H well, to be horizontally drilled from a surface hole location (SHL) approximately 1,802' FEL & 2,251' FSL of Section 32-16S-31E and a bottomhole location (BHL) approximately 20' FEL & 2,310' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 002H well, to be horizontally drilled from a SHL approximately 1,800' FEL & 2,231' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 2,158' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 003H well, to be horizontally drilled from a SHL approximately 1,798' FEL & 2,211' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,784' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 004H well, to be horizontally drilled from a SHL approximately 1,796' FEL & 2,191' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,409' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 005H well, to be horizontally drilled from a SHL approximately 1,780' FEL & 1,117' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 1,249' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 006H well, to be horizontally drilled from a SHL approximately 1,791' FEL & 1,101' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 874' FSL of Section 33-16S-31E; Van Halen 33CD Fed Com 007H well, to be horizontally drilled from a SHL approximately 1,803' FEL & 1,084' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 500' FSL of Section 33-16S-31E; and Van Halen 33CD Fed Com 008H well, to be horizontally drilled from a SHL approximately 1,814' FEL & 1,068' FSL of Section 32-16S-31E and a BHL approximately 20' FEL & 339' FSL of Section 33-16S-31E. The Van Halen 33CD Fed Com 005H well is a proximity well. With proximity tracts, the completed intervals will meet standard setback requirements. The first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells. Additional considerations will be the cost of drilling and completing the well and allocation of such costs, the designation of Applicant as operator of the HSU and wells to be drilled thereon, and a 200% charge for the risk involved in drilling and completing the well. The well and lands are located approximately 6 miles West of Maljamar, New Mexico.

This application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division on **January 8, 2026**, beginning at 9:00 a.m. Hearings are currently conducted in a hybrid fashion, both in-person and at the Energy Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging these applications at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance by **December 31, 2025**, eight (8) days before the hearing, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by **January 1, 2026**, seven days before the hearing in accordance with Division Rule 19.15.4.13 NMAC. For further information, contact the applicants attorney, Sharon T. Shaheen, Spencer Fane, LLC, 325 Paseo de Peralta, Santa Fe, New Mexico 87501, (505) 986-2678.

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

## Ortiz, David

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**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.

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

Jack,

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

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

Thanks,

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

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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

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

Alyssa/Curtis,

Hope yall had a Merry Christmas and were able to enjoy some time off! I'm reaching out regarding the subject well proposals in the S/2 Sec. 33, T16S, R31E, Eddy County, NM. Our title initially reflected BP owning a 1/3<sup>rd</sup> 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 8<sup>th</sup>

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

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

Thank you,

Jack Mercer  
Landman



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

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

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