

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

APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO

Case No. 21651

APPLICATION OF SPUR ENERGY PARTNERS, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO

Case No. 21733



Hendrix State Com 1314ABX
001H, 002H, 003H, 004H, 005H

June 17, 2021

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Tab 1

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case: 21651	APPLICANT'S RESPONSE
Date	June 17, 2021
Applicant	Longfellow Energy, LP
Designated Operator & OGRID (affiliation if applicable)	372210
Applicant's Counsel:	Montgomery & Andrews, P.A. (Sharon Shaheen & John McIntyre)
Case Title:	Application of Longfellow Energy, LP for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	Sep Permian, LLC, ConocoPhillips
Well Family	Hendrix State Com 1314ABX
Formation/Pool	
Formation Name(s) or Vertical Extent:	Yeso Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Yeso Formation
Pool Name and Pool Code:	Empire; Glorieta-Yeso [96210]
Well Location Setback Rules:	Statewide Rules
Spacing Unit Size:	480 acres, more or less
Spacing Unit	
Type (Horizontal/Vertical)	Horizotal
Size (Acres)	480 acres, more or less
Building Blocks:	Quarter-quart section (40 ac)
Orientation:	East-West
Description: TRS/County	NE/4 of Section 14-17S-28E and N/2 of Section 13-17S-28E
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	None
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Tract 1 = 61.75753%, Tract 2 = 0.00000%, Tract 3 = 77.60485%
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	Hendrix State Com 1314ABX 001H, API 30-015-_____ SHL: 361' FNL and 2,400' FEL of Section 14-17S-28E, BHL: 347' FNL and 20' FEL of Section 13-17S-28E Completion Target: Yeso at approximately 3,900' Well Orientation: East to West Completion located expected to be standard
Horizontal Well First and Last Take Points	FTP (~ 347' FNL and 2,493' FEL of Section 14-17S-28E); LTP (~ 347' FNL and 100' FEL of Section 13-17S-28E)
Completion Target (Formation, TVD and MD)	Yeso Formation - TVD (~ 3,400'), MD (~ 11,400')
Well #2	Hendrix State Com 1314ABX 002H, API 30-015-_____ SHL: 361' FNL and 2,400' FEL of Section 14-17S-28E, BHL: 347' FNL and 20' FEL of Section 13-17S-28E Completion Target: Yeso at approximately 4,300' Well Orientation: East to West Completion located expected to be standard

Horizontal Well First and Last Take Points	FTP (~800' FNL and 2,429' FEL of Section 14-17S-28E); LTP (~800' FNL and 100' FEL of Section 13-17S-28E)
Completion Target (Formation, TVD and MD)	Yeso Formation - TVD (~ 4,300'), MD (~ 11,800')
Well #3	Hendrix State Com 1314ABX 003H, API 30-015-_____ SHL: 1,703' FNL and 2,428' FEL of Section 14-17S-28E, BHL: 1,254' FNL and 20' FEL of Section 13-17S-28E Completion Target: Yeso at approximately 3,900' Well Orientation: East to West Completion located expected to be standard
Horizontal Well First and Last Take Points	FTP (~1,254' FNL and 2,491' FEL of Section 14-17S-28E); LTP (~1,254' FNL and 100' FEL of Section 13-17S-28E)
Completion Target (Formation, TVD and MD)	Yeso Formation - TVD (~ 3,900'), MD (~ 11,400')
Well #4	Hendrix State Com 1314ABX 004H, API 30-015-_____ SHL: 1,728' FNL and 2,428' FEL of Section 14-17S-28E, BHL: 1,708' FNL and 20' FEL of Section 13-17S-28E Completion Target: Yeso at approximately 4,300' Well Orientation: East to West Completion located expected to be standard
Horizontal Well First and Last Take Points	FTP (~1,708' FNL and 2,490' FEL of Section 14-17S-28E); LTP (~1,708' FNL and 100' FEL of Section 13-17S-28E)
Completion Target (Formation, TVD and MD)	Yeso Formation - TVD (~ 4,300'), MD (~ 11,800')
Well #5	Hendrix State Com 1314ABX 005H, API 30-015-_____ SHL: 1,753' FNL and 2,428' FEL of Section 14-17S-28E, BHL: 2,161' FNL and 20' FEL of Section 13-17S-28E Completion Target: Yeso at approximately 3,900' Well Orientation: East to West Completion located expected to be standard
Horizontal Well First and Last Take Points	FTP (~2,161' FNL and 2,489' FEL of Section 14-17S-28E); LTP (~ 2,161' FNL and 100' FEL of Section 13-17S-28E)
Completion Target (Formation, TVD and MD)	Yeso Formation - TVD (~ 3,900'), MD (~ 11,400')
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000; see Exhibit A, Paragraph 18
Production Supervision/Month \$	\$800; see Exhibit A, Paragraph 18
Justification for Supervision Costs	Please see AFE at Exhibit A-7
Requested Risk Charge	200%; see Exhibit A, Paragraph 19
Notice of Hearing	
Proposed Notice of Hearing	Submitted with online filing of Application
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C; see Exhibit A-8
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	See Exhibits A-2, A-3 & A-4
Tract List (including lease numbers and owners)	Exhibits A-2, A-3 & A-4
Pooled Parties (including ownership type)	Exhibit A-4

Relocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	None
Binder	
Sample Copy of Proposal Letter	Exhibit A-7
List of Interest Owners	Exhibit A-4
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	See Exhibit A-7
Cost Estimate to Drill and Complete	See AFE at Exhibit A-7
Cost Estimate to Equip Well	See AFE at Exhibit A-7
Cost Estimate for Production Facilities	See AFE at Exhibit A-7
Geology	
Summary (including special considerations)	Exhibit B-1
Spacing Unit Schematic	Exhibit B-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-7
Well Orientation (with rationale)	Exhibit B-1
Target Formation	Exhibits B-4, B-5 & B-6
HSU Cross Section	Exhibit B-6
Depth Severance Discussion	n/a
Engineering	
Existing Infrastructure, Producing Wells, Operations	Exhibit C-2, C-3, C-4 & C-5
Water Recycling & Storage Facility	Exhibit C-5
Approved Surface Use Agreements	Exhibit C-6
Spur Surface Location	Exhibit C-7
Flaring Breakdown (Longfellow Development)	Exhibit C-8
Drilling Analysis & Stimulated Lateral Length	Exhibit C-9
AFE Analysis	Exhibit C-12
Reservoir Engineering Analysis	Exhibit C-10, C-11, C-13 & C-14
Forms, Figures and Tables	
C-102	Exhibit A-6
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2, A-3 & A-4
General Location Map (including basin)	Exhibit A-1
Well Bore Location Map	Exhibit B-3
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-5
Cross Section (including Landing Zone)	Exhibit B-6
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Ryan Reynolds
Signed Name (Attorney or Party Representative):	
Date:	6/10/2021

Tab 2

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

**APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21651

APPLICATION

Longfellow Energy, LP (“Longfellow”), through its undersigned counsel Montgomery & Andrews, P.A. (Sharon T. Shaheen and John F. McIntyre), 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 (Empire; Glorieta-Yeso [96210]) in a standard 480-acre, more or less, horizontal spacing and proration unit (“HSU”) comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, 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 proposes to drill the following 1.5-mile wells in the proposed HSU:
 - **Hendrix State Com 1314 ABX 001H** well, to be horizontally drilled from an approximate surface hole location 361’ FNL and 2400’ FEL of Section 14, T17S-R28E, to an approximate bottom hole location 347’ FNL and 20’ FEL of Section 13, T17S-R28E.
 - **Hendrix State Com 1314 ABX 002H** well, to be horizontally drilled from an approximate surface hole location 386’ FNL and 2400’ FEL of Section 14, T17S-

R28E, to an approximate bottom hole location 800' FNL and 20' FEL of Section 13, T17S-R28E.

- **Hendrix State Com 1314 ABX 003H** well, to be horizontally drilled from an approximate surface hole location 1703' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1254' FNL and 20' FEL of Section 13, T17S-R28E.
- **Hendrix State Com 1314 ABX 004H** well, to be horizontally drilled from an approximate surface hole location 1728' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1708' FNL and 20' FEL of Section 13, T17S-R28E.
- **Hendrix State Com 1314 ABX 005H** well, to be horizontally drilled from an approximate surface hole location 1753' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 2161' FNL and 20' FEL of Section 13, T17S-R28E.

3. The completed intervals and first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells.

4. 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.

5. Approval of the 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.

6. 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 March 4, 2021, and that, after notice and hearing as required by law, the Division enter an order:

A. Creating a standard 480-acre, more or less, HSU comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, in Eddy County, New Mexico;

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

C. Allowing the drilling of the following 1.5-mile wells in the HSU: (1) Hendrix State Com 1314 ABX 001H, (2) Hendrix State Com 1314 ABX 002H, (3) Hendrix State Com 1314 ABX 003H, (4) Hendrix State Com 1314 ABX 004H, and (5) Hendrix State Com 1314 ABX 005H.

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 \$8,000/month and, after completion, \$800/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 wells against any interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

MONTGOMERY & ANDREWS, P.A.

/s/ Sharon T. Shaheen

Sharon T. Shaheen

John F. McIntyre

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jmcintyre@montand.com

Attorneys for Longfellow Energy, LP

Tab 3

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

**APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21651

**APPLICATION OF SPUR ENERGY PARTNERS, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21733

DIRECT TESTIMONY OF LANDMAN RYAN REYNOLDS

I, being duly sworn on oath, state the following:

1. I am over the age of 18 and have the capacity to execute this direct written testimony, which is based on my personal knowledge.

2. I am a landman employed as Land Manager with Longfellow Energy, LP (“Longfellow”), and I am familiar with the subject application and the lands involved.

3. This testimony is submitted in connection with the filing by Longfellow of the above-referenced compulsory pooling application (the “Application”) pursuant to 19.15.4.12(A)(1) NMAC.

4. I have not previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My education and work experience are as follows: I graduated from the University of Oklahoma in 2011 with a Bachelor of Arts & Sciences degree in Biomedical Science and Personal Health. I have been employed with Longfellow since 2017. Prior to being employed by Longfellow, I worked as a Landman, Project Manager and Land Manager in various states since 2010. I have been working on New Mexico oil and gas matters for approximately 4 years.

5. The purpose of this Application is to force pool all uncommitted interest owners, including working interest owners, into the horizontal spacing and proration unit ("HSU") described below and in the wells to be drilled in that unit.

6. In this case, Longfellow seeks an order pooling all uncommitted interests in the Yeso formation (Empire; Glorieta-Yeso [96210]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, in Eddy County, New Mexico. Longfellow proposes to drill the following 1.5-mile wells in the proposed HSU (collectively, "Hendrix 1314 ABX Wells"):

- a. **Hendrix State Com 1314 ABX 001H** well, to be horizontally drilled from an approximate surface hole location 361' FNL and 2400' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 347' FNL and 20' FEL of Section 13, T17S-R28E. The first take point will be located at approximately 347' FNL and 2493' FEL of Section 14, T17S-R28E. The last take point will be located at approximately 347' FNL and 100' FEL of Section 13, T17S-R28E.
- b. **Hendrix State Com 1314 ABX 002H** well, to be horizontally drilled from an approximate surface hole location 386' FNL and 2400' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 800' FNL and 20' FEL of Section 13, T17S-R28E. The first take point will be located at approximately 800' FNL and 2492' FEL of Section 14, T17S-R28E. The last take point will be located at approximately 800' FNL and 100' FEL of Section 13, T17S-R28E.
- c. **Hendrix State Com 1314 ABX 003H** well, to be horizontally drilled from an approximate surface hole location 1703' FNL and 2428' FEL of Section 14, T17S-

R28E, to an approximate bottom hole location 1254' FNL and 20' FEL of Section 13, T17S-R28E. The first take point will be located at approximately 1254' FNL and 2491' FEL of Section 14, T17S-R28E. The last take point will be located at approximately 1254' FNL and 100' FEL of Section 13, T17S-R28E.

- d. **Hendrix State Com 1314 ABX 004H** well, to be horizontally drilled from an approximate surface hole location 1728' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1708' FNL and 20' FEL of Section 13, T17S-R28E. The first take point will be located at approximately 1708' FNL and 2490' FEL of Section 14, T17S-R28E. The last take point will be located at approximately 1708' FNL and 100' FEL of Section 13, T17S-R28E.
- e. **Hendrix State Com 1314 ABX 005H** well, to be horizontally drilled from an approximate surface hole location 1753' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 2161' FNL and 20' FEL of Section 13, T17S-R28E. The first take point will be located at approximately 2161' FNL and 2489' FEL of Section 14, T17S-R28E. The last take point will be located at approximately 2161' FNL and 100' FEL of Section 13, T17S-R28E.

7. Spur Energy Partners, LLC ("Spur") submitted a competing application in Case No. 21733 seeking to compulsory pool interest owners in a standard 480-acre horizontal spacing unit comprised of the same acreage and developing the same formation as the wells proposed by Longfellow.

8. The completed intervals and first and last take points for the Longfellow Hendrix State Com 1314 ABX wells will meet statewide setback requirements for horizontal wells.

9. A general location map, including the basin, is included as **Exhibit A-1**.

10. A map illustrating the tracts in the proposed HSU and the ownership of each individual tract can be found at **Exhibit A-2**.

11. A map illustrating the unit ownership can be found in the exhibit package as **Exhibit A-3**.

12. The ownership breakdown of interests and a list of parties to be pooled can be found at **Exhibit A-4**.

13. There are no depth severances in the formation being pooled.

14. A chronology of contacts with the non-joined working interest owners is attached as **Exhibit A-5**.

15. The location of the proposed wells within the respective HSU is depicted in the draft C-102 Forms attached as **Exhibit A-6**. The draft C-102 Forms also indicate the locations of each surface hole, bottom hole, and the first and last take points.

16. 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 parties a well proposal, including an Authorization for Expenditure ("AFE"), for each well.

17. **Exhibit A-7** is a copy of the well proposal letter and AFEs for the proposed wells that were attached thereto.

18. **Exhibit A-8** includes revised AFEs for each well. 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.

19. **Exhibit A-9** is a copy of the notice letter that was sent with the Application to all of the uncommitted interest owners in the proposed HSU.

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

21. Longfellow requests the Division to approve operating charges and costs of supervision while drilling of \$8,000/month and, after completion, \$800/month, together with a provision adjusting the rates pursuant to the COPAS accounting procedures.

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

23. Longfellow requests that it be designated operator of the well.

24. In Order No. R-21532, Case No. 21509, the Division approved the compulsory pooling of spacing units for Longfellow's companion wells, the Hendrix State Com 13CD 001H, 002H, 003H, 004H, and 005H, located in the South half of Section 13, T17S, R28E ("Hendrix 13 CD Wells").¹ Longfellow has drilled the Hendrix 13 CD Wells and will be completing them shortly. **Exhibit A-10** reflects the location of the Hendrix 13 CD Wells in relation to the wells proposed in the instant application.

25. Longfellow has existing facilities available nearby to serve the proposed Hendrix 1314 ABX Wells, including a retention pond located in the NW/4 of Section 24, T17S-R28E, Eddy County, New Mexico, which will also be used to drill and operate the wells that are the subject of this Application. Thus, Longfellow is able to use the surface in a more prudent manner. More information about Longfellow's nearby infrastructure is provided by its engineer witness, David Mitchell at Exhibit C.

¹ API numbers for the Hendrix 13 CD Wells are 30-015-47481, 47480, 47479, 47478, and 47477.

26. Spur participated in the Hendrix 13 CD Wells under Order No. R-21352. Spur has approximately 7% interest in the Hendrix 13 CD Wells.

27. Spur does not have any existing wells that are as close to the HSU as Longfellow's Hendrix 13 CD Wells.

28. Longfellow has entered into an agreement with the surface owner in the N/2 of Section 14, T17S-R28E, Eddy County, New Mexico to construct well pads for the above-referenced wells.

29. Longfellow's preliminary title opinion indicates that Longfellow has approximately 46.45% interest and that Spur has approximately 40.31 % in the proposed HSU. The remaining approximately 13% is held by another twelve working interest owners, each of whom have no more than a 2% interest. Longfellow obtained its initial interest in the pertinent acreage in December of 2019 and has diligently acquired the remainder of its interests through 15 separate acquisitions.

30. Longfellow sent out its well proposals on December 1, 2020. Subsequently, Longfellow learned of additional working interest owners and sent out well proposals to newly discovered owners on January 5, 2021. Longfellow filed the instant application on January 11, 2021.

31. The Exhibits attached hereto were prepared by me, or compiled from Longfellow's business records.

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

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

FURTHER AFFIANT SAYETH NAUGHT



Ryan Reynolds

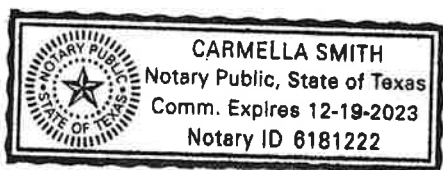
STATE OF TEXAS)
)ss
COUNTY OF DALLAS)

Subscribed to and sworn before me this 10th day of June, 2021.

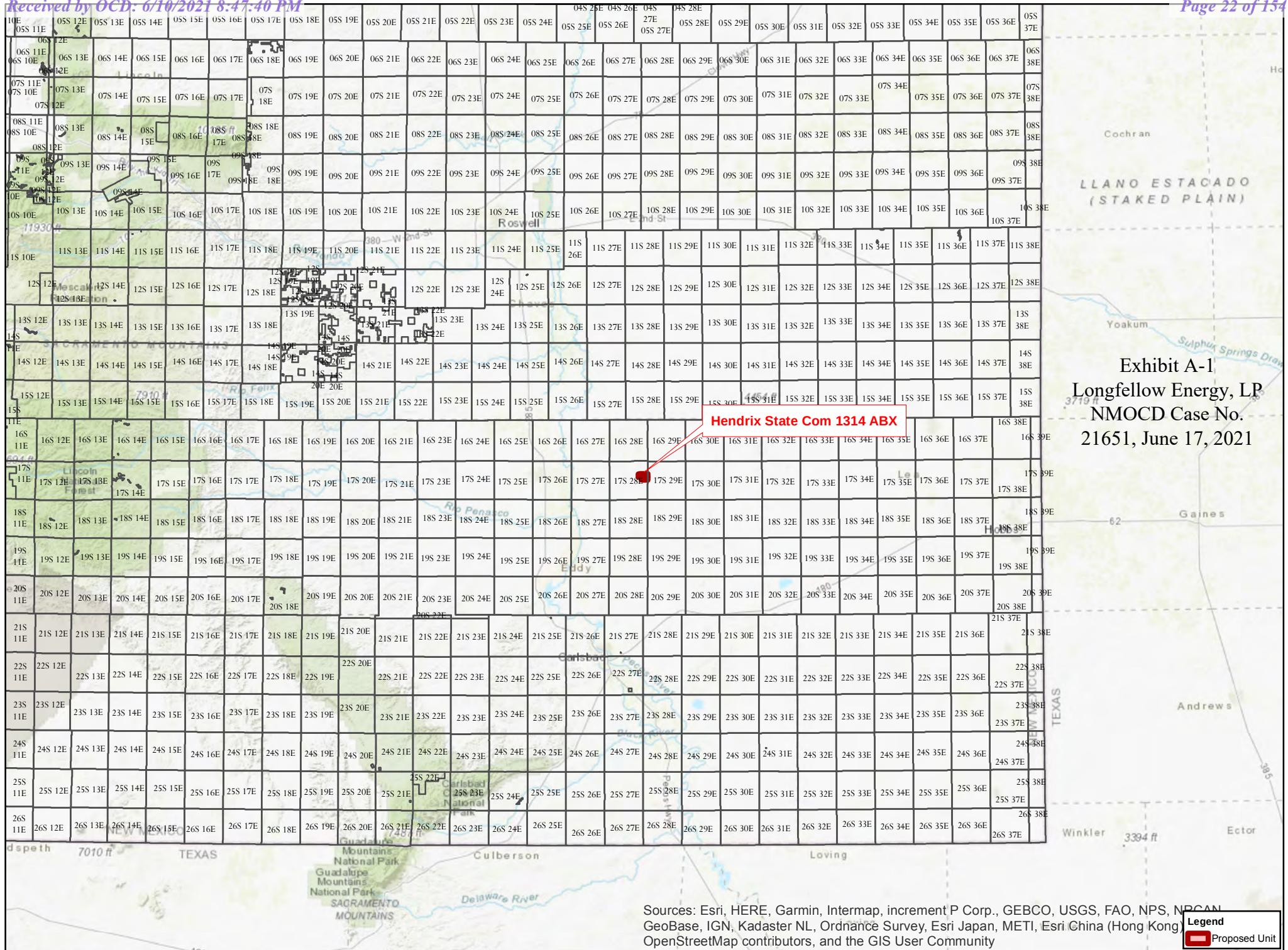


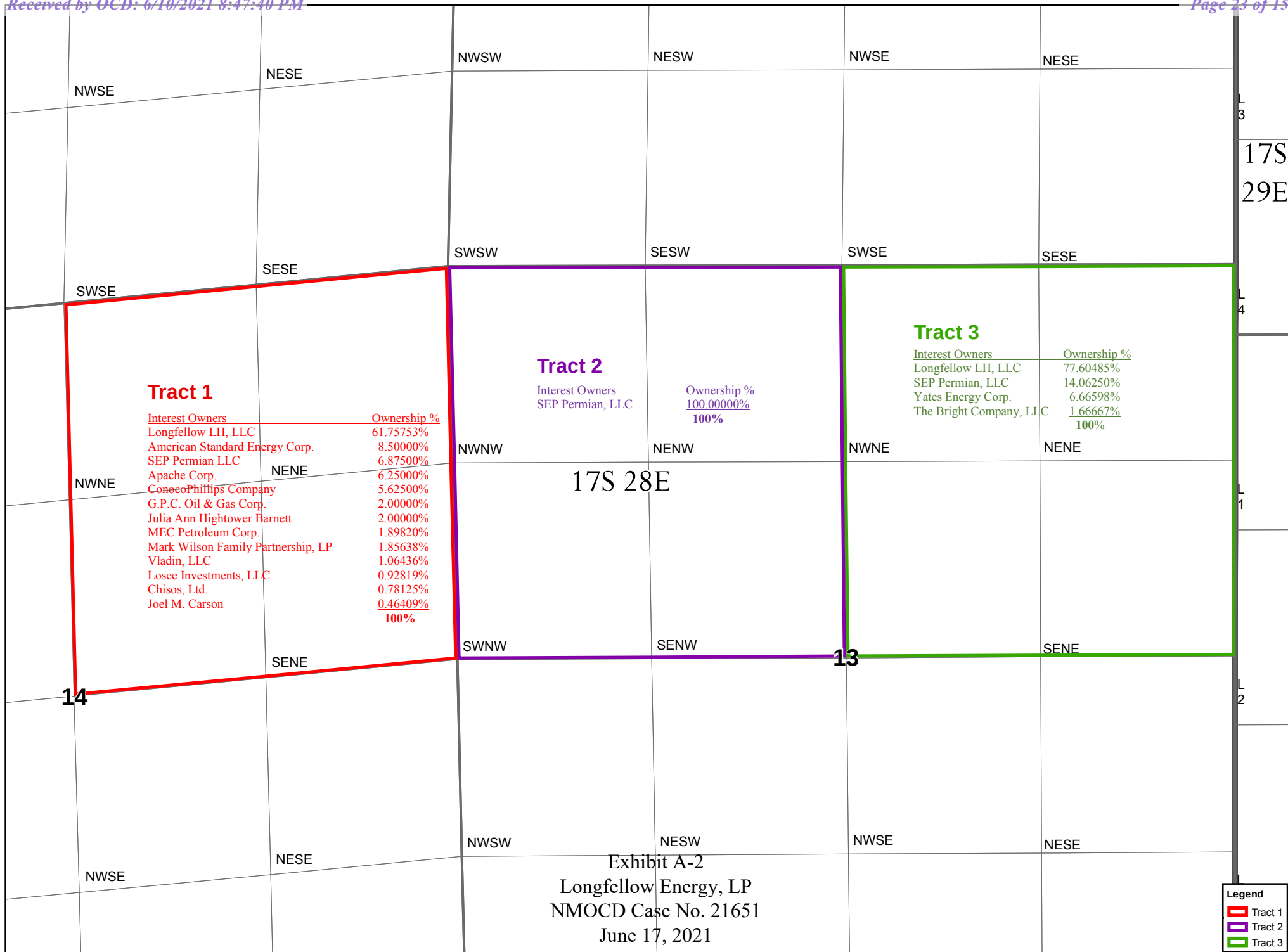
Notary Public

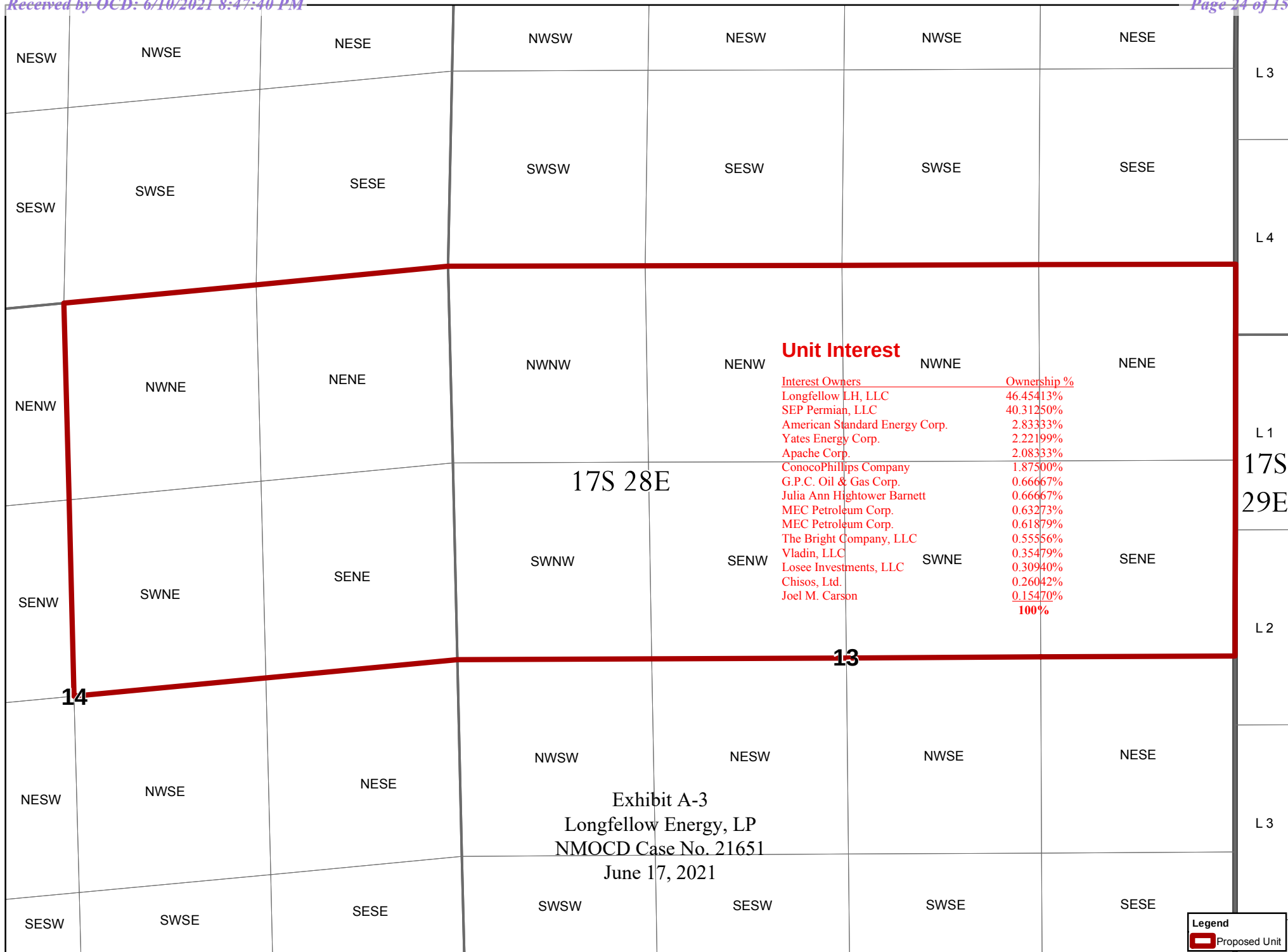
My Commission expires 12/19/2023.



Tab 4







CONTRACT AREA:

NE/4 of Section 14 and N/2 of Section 13-17S-28E, Eddy County New Mexico, 480 acres, more or less

UNIT INTEREST OF THE PARTIES

<u>Interest Owners</u>	<u>Ownership %</u>
Longfellow LH, LLC	46.45413%
SEP Permian, LLC	40.31250%
American Standard Energy Corp.	2.83333%
Yates Energy Corp.	2.22199%
Apache Corp.	2.08333%
ConocoPhillips Company	1.87500%
G.P.C. Oil & Gas Corp.	0.66667%
Julia Ann Hightower Barnett	0.66667%
MEC Petroleum Corp.	0.63273%
MEC Petroleum Corp.	0.61879%
The Bright Company, LLC	0.55556%
Vladin, LLC	0.35479%
Losee Investments, LLC	0.30940%
Chisos, Ltd.	0.26042%
Joel M. Carson	0.15470%
	100%

TRACT INTEREST OF THE PARTIES

Tract 1 (NE/4 of Section 14-17S-28E, 160 acres, more or less)

<u>Interest Owners</u>	<u>Ownership %</u>
Longfellow LH, LLC	61.75753%
American Standard Energy Corp.	8.50000%
SEP Permian LLC	6.87500%
Apache Corp.	6.25000%
ConocoPhillips Company	5.62500%
G.P.C. Oil & Gas Corp.	2.00000%
Julia Ann Hightower Barnett	2.00000%
MEC Petroleum Corp.	1.89820%
Mark Wilson Family Partnership, LP	1.85638%
Vladin, LLC	1.06436%
Losee Investments, LLC	0.92819%
Chisos, Ltd.	0.78125%
Joel M. Carson	0.46409%
	100%

Tract 2 (NW/4 of Section 13-17S-28E, 160 acres, more or less)

<u>Interest Owners</u>	<u>Ownership %</u>
SEP Permian, LLC	<u>100.00000%</u>
	100%

Tract 3 (NE/4 of Section 13-17S-28E, 160 acres, more or less)

<u>Interest Owners</u>	<u>Ownership %</u>
Longfellow LH, LLC	77.60485%
SEP Permian, LLC	14.06250%
Yates Energy Corp.	6.66598%
The Bright Company, LLC	<u>1.66667%</u>
	100%

OIL AND GAS LEASES SUBJECT TO THIS AGREEMENT

Lessor: State of New Mexico
 Lessee: Manuel A. Sanchez
 Serial No.: B-4456
 Date: June 10, 1935
 Description: The S/2 NE/4 of Section 14-17S-28E, Eddy County, New Mexico

Lessor: State of New Mexico
 Lessee: Xeric Oil & Gas Corp.
 Serial No.: VO-7021
 Date: April 1, 2004
 Description: The NW/4 NE/4 of Section 14-17S-28E, Eddy County, New Mexico

Lessor: State of New Mexico
 Lessee: St. Devote, LLC
 Serial No.: VC-0582
 Date: March 1, 2019
 Description: The NW/4 of Section 13-17S-28E, Eddy County, New Mexico

Lessor: State of New Mexico
 Lessee: Sinclair Oil & Gas Company
 Serial No.: K-3630
 Date: October 15, 1963
 Description: The NE/4 of Section 13-17S-28E, Eddy County, New Mexico

Lessor: Mossman-Midwest Company
 Lessee: Murchison Oil & Gas Inc.
 Book/Page: 604/1191
 Date: July 27, 2005
 Description: The NE/4 NE/4 of Section 14-17S-28E, Eddy County, New Mexico

Owner	Contact Type	Notes
SEP Permian, LLC	Letter, Emails and Phone Calls	Not interested in assigning, most likely will sign JOA and participate
The Bright Company, LLC	Letter, Phone Calls	Letter offer, haven't received a response, multiple attempts to reach owner
Yates Energy Corporation	Letter, Emails and Phone Calls	Not interested in assigning, most likely will sign JOA and participate
Apache Corp.	Letter, Emails and Phone Calls	Not interested in assigning, most likely will sign JOA and participate
American Standard Energy Co.	Letter, Emails and Phone Calls	Interested in assigning, waiting on response
Chisos, Ltd.	Letter, Emails and Phone Calls	Not interested in assigning, most likely will sign JOA and participate
ConocoPhillips Company	Letter, Emails and Phone Calls	Made multiple offers, pulled from Longfellow's multi tract offer due to competing offer
Julia Ann Hightower Barnett	Letter, Phone Calls	Not interested in assigning, most likely will sign JOA and participate
MEC Petroleum Corp.	Letter, Emails and Phone Calls	Not interested in assigning, most likely will sign JOA and participate
Joel M. Carson	Letter, Phone Calls	Letter offer, haven't received a response, multiple attempts to reach owner
Vladin, LLC	Letter, Phone Calls	Letter offer, haven't received a response, multiple attempts to reach owner
Mark Wilson Family Partnership, LP	Letter, Emails and Phone Calls	Interested in assigning, checking with other parties in the area for \$ amount
Losee Investments, LLC	Letter, Emails and Phone Calls	Agreed to terms to acquire interest, assignment is forthcoming
G.P.C. Oil and Gas Corp.	Letter, Phone Calls	Letter offer, haven't received a response, multiple attempts to reach owner

June 17, 2021

Form C-102

Revised August 1,

2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HENDRIX STATE COM 1314 ABX	⁶ Well Number 001H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3604.4

¹⁰ Surface Location

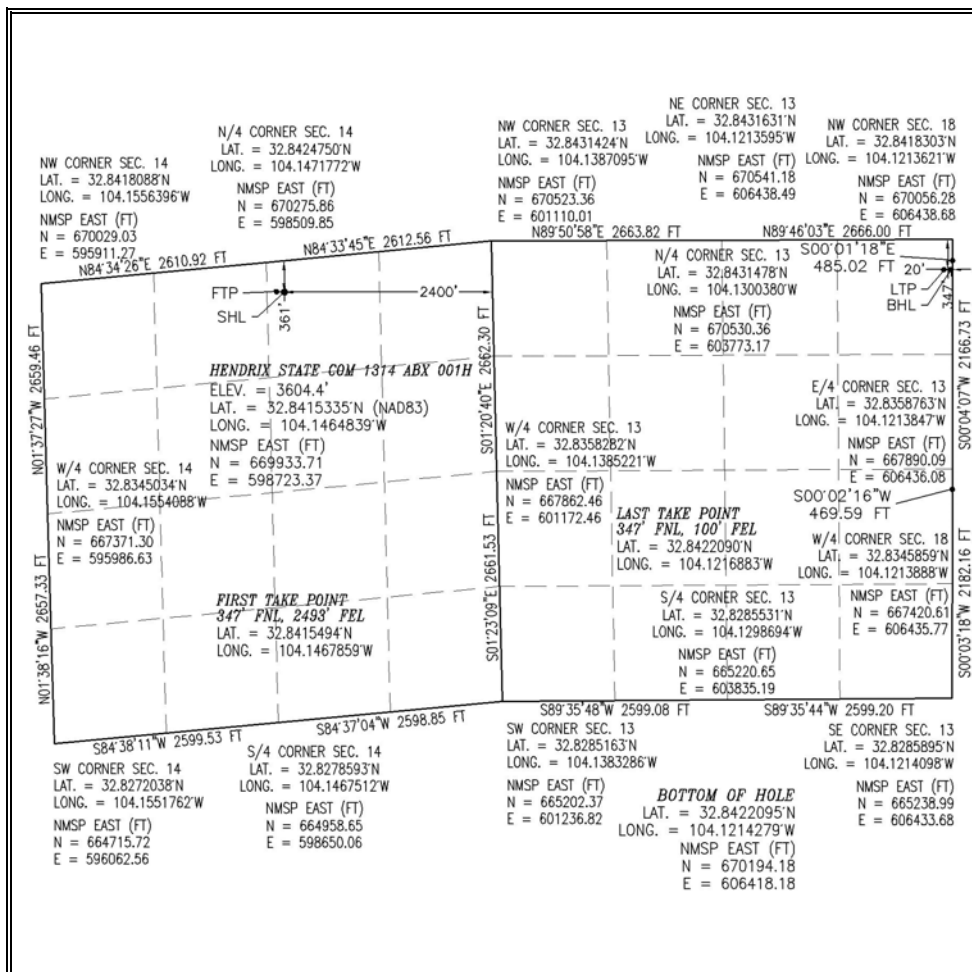
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	17 S	28 E		361	NORTH	2400	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	17 S	28 E		347	NORTH	20	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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.

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

DECEMBER 17, 2020

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: ALMON F. JARAMILLO, PLS 12797

SURVEY NO. 8621

Intent ☐ As Drilled ☐API #

Operator Name:	Property Name:	Well Number
LONGFELLOW ENERGY, LP	HENDRIX STATE COM 1314 ABX	001H

Kick Off Point (KOP)

UL B	Section 14	Township 17S	Range 28E	Lot	Feet 361	From N/S NORTH	Feet 2400	From E/W EAST	County EDDY
Latitude 32.8415335					Longitude 104.1464839			NAD 83	

First Take Point (FTP)

UL B	Section 14	Township 17S	Range 28E	Lot	Feet 347	From N/S NORTH	Feet 2493	From E/W EAST	County EDDY
Latitude 32.8415494					Longitude 104.1467859			NAD 83	

Last Take Point (LTP)

UL A	Section 13	Township 17S	Range 28E	Lot	Feet 347	From N/S NORTH	Feet 100	From E/W EAST	County EDDY
Latitude 32.8422090					Longitude 104.1216883			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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Revised August 1,
2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HENDRIX STATE COM 1314 ABX	⁶ Well Number 002H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3604.2

¹⁰ Surface Location

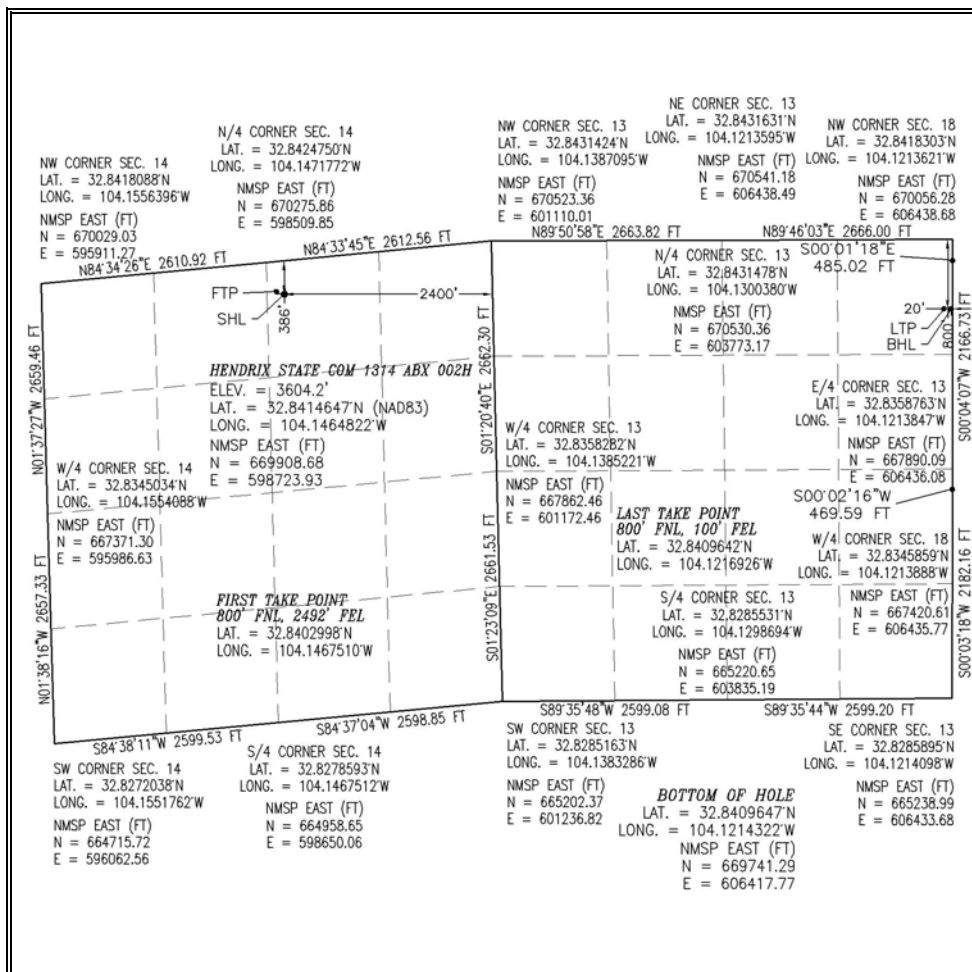
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	17 S	28 E		386	NORTH	2400	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	17 S	28 E		800	NORTH	20	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

DECEMBER 17, 2020

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: FLORENCE JARAMILA, PLS 12797

SURVEY NO. 8622

Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number
LONGFELLOW ENERGY, LP	HENDRIX STATE COM 1314 ABX	002H

Kick Off Point (KOP)

UL B	Section 14	Township 17S	Range 28E	Lot	Feet 386	From N/S NORTH	Feet 2400	From E/W EAST	County EDDY
Latitude 32.8414647					Longitude 104.1464822			NAD 83	

First Take Point (FTP)

UL B	Section 14	Township 17S	Range 28E	Lot	Feet 800	From N/S NORTH	Feet 2492	From E/W EAST	County EDDY
Latitude 32.8402998					Longitude 104.1467510			NAD 83	

Last Take Point (LTP)

UL A	Section 13	Township 17S	Range 28E	Lot	Feet 800	From N/S NORTH	Feet 100	From E/W EAST	County EDDY
Latitude 32.8409642					Longitude 104.1216926			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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2011
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HENDRIX STATE COM 1314 ABX		⁶ Well Number 003H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP		⁹ Elevation 3601.7

¹⁰ Surface Location

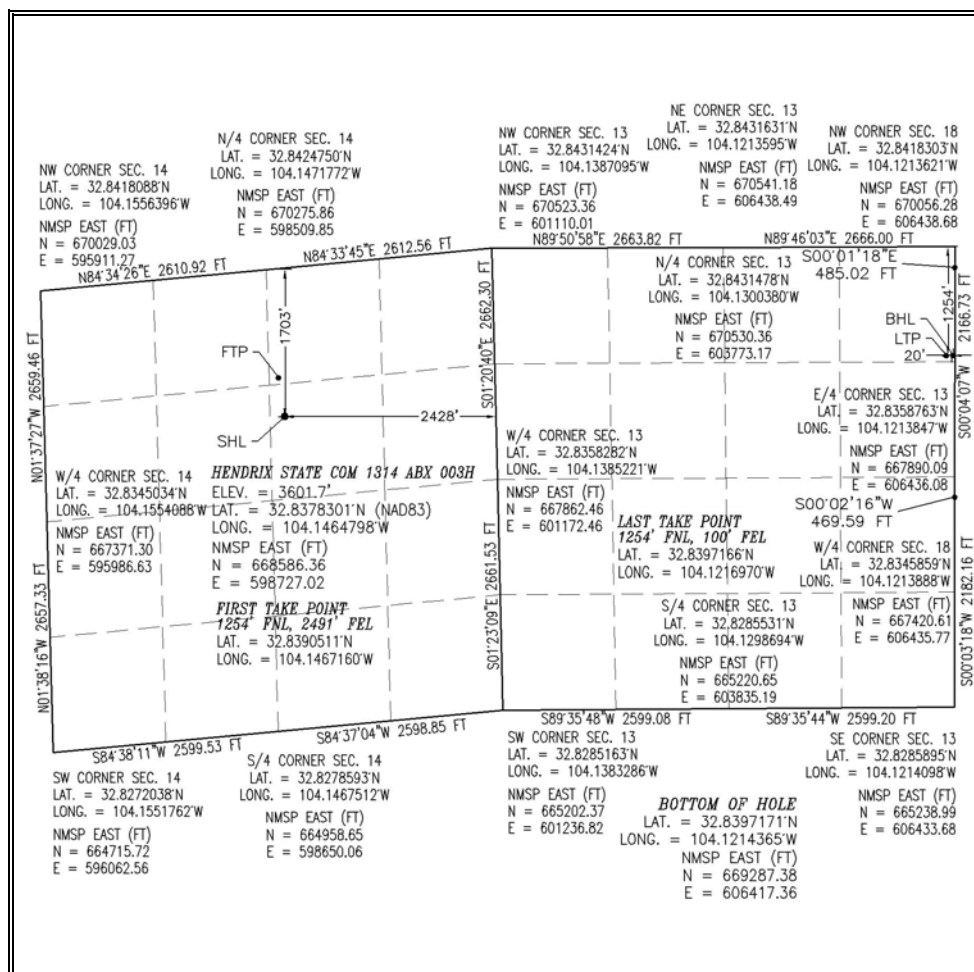
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	14	17 S	28 E		1703	NORTH	2428	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	17 S	28 E		1254	NORTH	20	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature	Date
-----------	------

Printed Name _____

E-mail Address

18 SURVEYOR CERTIFICATION

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.

APRIL 30, 2021

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: ELMOR E. JARAMILLO; ELS 12797
SURVEY NO. 8624A

Intent ☐ As Drilled ☐API #

Operator Name:	Property Name:	Well Number
LONGFELLOW ENERGY, LP	HENDRIX STATE COM 1314 ABX	003H

Kick Off Point (KOP)

UL G	Section 14	Township 17S	Range 28E	Lot	Feet 1703	From N/S NORTH	Feet 2428	From E/W EAST	County EDDY
Latitude 32.8378301					Longitude 104.1464798			NAD 83	

First Take Point (FTP)

UL B	Section 14	Township 17S	Range 28E	Lot	Feet 1254	From N/S NORTH	Feet 2491	From E/W EAST	County EDDY
Latitude 32.8390511					Longitude 104.1467160			NAD 83	

Last Take Point (LTP)

UL A	Section 13	Township 17S	Range 28E	Lot	Feet 1254	From N/S NORTH	Feet 100	From E/W EAST	County EDDY
Latitude 32.8397166					Longitude 104.1216970			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HENDRIX STATE COM 1314 ABX	⁶ Well Number 004H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3602.5

¹⁰ Surface Location

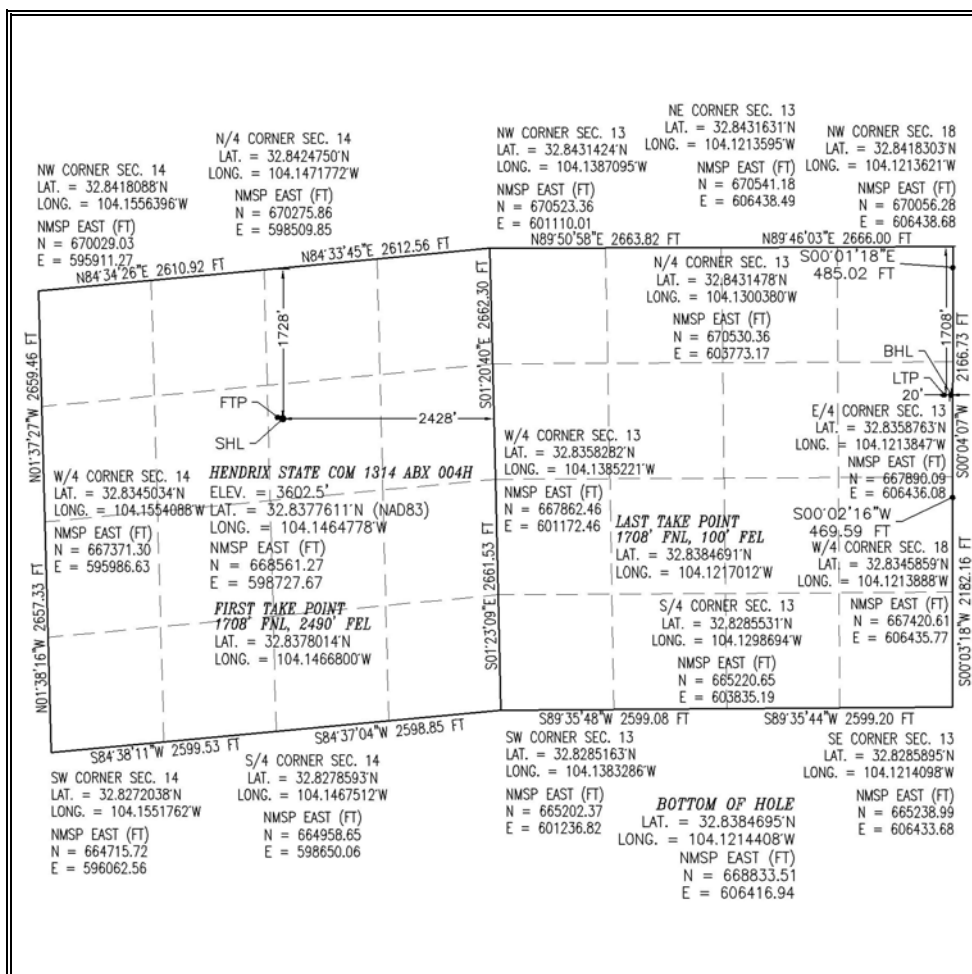
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	14	17 S	28 E		1728	NORTH	2428	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	17 S	28 E		1708	NORTH	20	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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¹⁷ OPERATOR CERTIFICATION

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Signature _____ Date _____
Printed Name _____
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

APRIL 30, 2021

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: 12797

Survey No. 8625A

Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number
LONGFELLOW ENERGY, LP	HENDRIX STATE COM 1314 ABX	004H

Kick Off Point (KOP)

UL G	Section 14	Township 17S	Range 28E	Lot	Feet 1728	From N/S NORTH	Feet 2428	From E/W EAST	County EDDY
Latitude 32.8377611					Longitude 104.1464778			NAD 83	

First Take Point (FTP)

UL G	Section 14	Township 17S	Range 28E	Lot	Feet 1708	From N/S NORTH	Feet 2490	From E/W EAST	County EDDY
Latitude 32.8378014					Longitude 104.1466800			NAD 83	

Last Take Point (LTP)

UL H	Section 13	Township 17S	Range 28E	Lot	Feet 1708	From N/S NORTH	Feet 100	From E/W EAST	County EDDY
Latitude 32.8384691					Longitude 104.1217012			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HENDRIX STATE COM 1314 ABX	⁶ Well Number 005H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3602.1

¹⁰ Surface Location

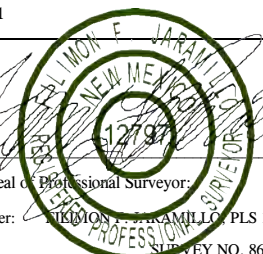
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	14	17 S	28 E		1753	NORTH	2428	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	17 S	28 E		2161	NORTH	20	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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.

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ E-mail Address _____
	¹⁸ SURVEYOR CERTIFICATION 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. APRIL 30, 2021 Date of Survey _____ Signature and Seal of Professional Surveyor:  Certificate Number: 12797 PLS 12797 SURVEY NO. 8626A

Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number
LONGFELLOW ENERGY, LP	HENDRIX STATE COM 1314 ABX	005H

Kick Off Point (KOP)

UL G	Section 14	Township 17S	Range 28E	Lot	Feet 1753	From N/S NORTH	Feet 2428	From E/W EAST	County EDDY
Latitude 32.8376923					Longitude 104.1464765			NAD 83	

First Take Point (FTP)

UL G	Section 14	Township 17S	Range 28E	Lot	Feet 2161	From N/S NORTH	Feet 2489	From E/W EAST	County EDDY
Latitude 32.8365517					Longitude 104.1466450			NAD 83	

Last Take Point (LTP)

UL H	Section 13	Township 17S	Range 28E	Lot	Feet 2161	From N/S NORTH	Feet 100	From E/W EAST	County EDDY
Latitude 32.8372242					Longitude 104.1217055			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018



November 30, 2020

SEP Permian, LLC
9655 Katy Freeway, Suite 500
Houston, TX 77024

Re: Well Proposals Hendrix State Com 1314 ABX 001H, 002H, 003H, 004H, 005H
NE/4 of Section 14 and N/2 of Section 13-17S-28E, 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":

- Hendrix State Com 1314 ABX 001H, with an approximate total vertical depth of 3,800', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,350') and an estimated cost of \$4,795,387 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 11/30/2020
- Hendrix State Com 1314 ABX 002H, with an approximate total vertical depth of 4,200', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,750') and an estimated cost of \$4,795,387 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 11/30/2020
- Hendrix State Com 1314 ABX 003H, with an approximate total vertical depth of 3,800', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,350') and an estimated cost of \$4,795,387 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 11/30/2020
- Hendrix State Com 1314 ABX 004H, with an approximate total vertical depth of 4,200', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,750') and an estimated cost of \$4,795,387 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 11/30/2020
- Hendrix State Com 1314 ABX 005H, with an approximate total vertical depth of 3,800', as a horizontal well in the Yeso formation (with an approximate measured depth of 11,350') and an estimated cost of \$4,795,387 for a completed producing well, as set forth in detail on the enclosed AFE Well Cost Estimate dated 11/30/2020

To facilitate these wells and for efficient development, Longfellow proposes to form a Working Interest Unit (the "WIU") covering the NE/4 of Section 14 and the N/2 of Section 13-17S-28E, containing approximately 480 acres. These lands are governed by joint operating agreements ("JOAs") which include the Yeso formation. For development of horizontal Yeso wells within the WIU, Longfellow proposes a new horizontal joint operating agreement, a modified 2015 Horizontal AAPL Form 610 Operating Agreement, (hereinafter referred to as the "HJOA") to govern horizontal Yeso development within the WIU, to supersede existing JOAs, containing the following provisions:

- Contract Area being the NE/4 of 14 and the N/2 of Section 13-17S-28E, limited to the Yeso formation
- Applies to horizontal well development only
- 100%/300%/300% non-consent penalties
- \$8,000/\$800 drilling and producing monthly overhead rates

According to our title examination, SEP Permian, LLC owns a working interest as to the proposed WIU. We respectfully request that you select one of the following three options with regard to your interest in the proposed well:

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")

Hendrix State Com 1314 ABX 001H, 002H, 003H, 004H, 005H
Well Proposals
November 30, 2020

Option 3 - Assign all of your leasehold rights, and the existing wells associated with those rights, in the WIU area to Longfellow for \$1,500/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 Ryan.Culpepper@longfellowenergy.com. Upon receipt of your election, I will send the HJOA for your review and execution. Your election of Option 3, along with your completed Form W-9, should be returned to Longfellow by U.S. mail to the letterhead address below or email to Ryan.Culpepper@longfellowenergy.com. Upon receipt of this election, 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.

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 972-590-9933 or by e-mail to Ryan.Culpepper@longfellowenergy.com.

Sincerely,

LONGFELLOW ENERGY, LP



Ryan Culpepper
Land Manager

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

_____ Option 2. The undersigned elects to not participate in the drilling and completion of the proposed well, 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, in the NE/4 of Section 14 and the N/2 of Section 13-17S-28E to Longfellow for \$1,500/ net acre, delivering our existing Net Revenue Interest.

AGREED to and ACCEPTED this _____ day of _____, 2020.

SEP Permian, LLC

By: _____

Print Name: _____

Title: _____

P.O. Box 1989 Addison, TX 75001 | 972.590.9915 | Fax: 972.590.9933



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	001H	FIELD:	Loco Hills	AFE #: 420
LOCATION:	SHL 365' FNL 2,403' FEL of Section 14	17S-28E	PROPOSED TD:	11,350'	DATE:	11/30/2020	
	BHL 344' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 3,800'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS				DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **					
1-02	Rig Diesel			\$41,556		
1-03	Rig Rentals			\$24,444		
1-04	Location / Construction			\$25,500		
1-05	Drilling Insurance			\$5,000		
1-06	Permits			\$12,000		
1-07	Title Opinion / Regulatory Fees			\$22,500		
1-08	Survey			\$7,500		
1-10	Right-of-Way			\$10,000		
1-12	Pit Lining / Fences			\$0		
1-14	Trucking			\$20,333		
1-16	Air / Gas Services			\$0		
1-18	Supervision			\$45,000		
1-19	Drilling Overhead			\$31,250		
1-20	Rig Mobilization / Demobilization			\$21,250		
1-22	Bits / Underreamers, Etc.			\$35,000		
1-23	Directional Tools & Supervision			\$116,250		
1-24	Hammer Rental / Supervision			\$0		
1-25	Cement Plug / Squeeze			\$0		
1-26	Drilling Mud & Transportation			\$35,000		
1-27	Mud Diesel			\$0		
1-28	Mud Logging & Geo-steering			\$18,750		
1-29	Mud Remediation			\$55,000		
1-30	Drill String & BHA Rental			\$7,500		
1-31	Coring			\$0		
1-32	Drill Stem Tests			\$0		
	Contract Daywork Drilling			\$0		
1-34	16.5	days	@ \$13,333 / day	\$217,500		
1-36	Casing Crews, PU & LD			\$21,000		
1-38	Fishing Tool Rentals			\$0		
1-40	Rathole / Mousehole / Conductor			\$21,000		
1-42	Water - Fresh / Brine			\$50,000		
1-43	Waste Water / Mud Disposal			\$5,000		
1-44	Well Control Equipment			\$0		
1-46	Trash Trailer			\$2,200		
1-48	Surface Pipe Cementing			\$20,000		
1-50	Intermediate Pipe Cementing			\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)			\$30,079		
1-52	Production Casing Cementing			\$47,500		
1-56	Open-Hole Logging OH Logs & Core processing			\$0		
1-58	Drilling Contingencies			\$116,656		
1-60	Surface Damages			\$3,750		
1-62	Rotating Head & Expendables			\$2,900		
1-64	Miscellaneous Drilling			\$14,000		
1-66	Welding During Drilling			\$3,500		
1-68	Miscellaneous Equipment Rentals			\$46,876		
1-70	Centralizers & Float Equipment			\$32,000		
TOTAL INTANGIBLE DRILLING COSTS:				\$1,167,794	\$0	

TANGIBLE DRILLING COSTS:						DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **							
TUBULAR GOODS (Surf., Inter., Prod., Tbg)								
	Size	Grade	Weight	Thread	Length			
2-02	9-5/8"	J-55	36.00	LT&C	1250	\$22,295		
2-04						\$99,760		
2-06	7"	L-80	32.00	BT&C	4100	\$113,792		
	5-1/2"	L-80	20.00	BT&C	6100	\$0		
DRILLING - SURFACE EQUIPMENT						\$0		
2-10	Casinghead(s)					\$10,000		
2-12	Liner Hanger & Packer					\$0		
2-14	Open Hole Packers and Sleeves					\$0		
2-16	Miscellaneous					\$0		
2-18	Flowline & Valves					\$0		
TOTAL TANGIBLE DRILLING COSTS:						\$245,847	\$0	



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX	WELL NO.	001H	FIELD:	Loco Hills	AFE #: 420	DATE: 11/30/2020
LOCATION:	SHL 365' FNL 2,403' FEL of Section 14 17S-28E	PROPOSED TD:	11,350'	VERTICAL		RE-ENTRY	
	BHL 344' FNL 20' FEL of Section 13 17S-28E	HORIZONTAL	X	WORKOVER			
OBJECTIVE:	Yeso Formation	Estimated @	3,800'	ft TVD			
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,080,000	
3-06	Perforating		\$140,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$35,000	
3-12	Electrician / Electrical Services		\$36,840	
3-14	Equipment Rentals		\$20,000	
3-15	Rentals- Potties, Lights, Trash Trailers		\$15,000	
3-16	Frac Tank Rentals		\$20,000	
3-18	Restore Location		\$10,000	
3-20	Right - Of - Way		\$6,311	
3-22	Roustabout Crews		\$61,206	
3-23	Cement Plugs/Bridge Plugs		\$32,000	
3-24	Supervision		\$18,000	
3-25	Completion Overhead		\$10,500	
3-26	Trucking		\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit		\$50,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$150,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$23,100	
3-32	Reverse Unit / Power Swivel		\$60,000	
3-33	Trucking- Kill Truck		\$0	
	Completion Rig / Daywork		\$0	
3-34	4.0 days @ \$7,600 / day		\$60,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$10,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$13,000	
3-44	DH Tool Rental		\$23,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$11,500	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$135,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$254,129	
TOTAL INTANGIBLE COMPLETION COSTS:			\$2,999,886	
TANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **			
4-01	Tubing		\$20,000	
4-02	Packers		\$0	
4-04	Plugs		\$0	
4-06	Blast Joint		\$0	
4-08	Miscellaneous Completion Equipment		\$19,496	
4-09	Environmental Equipment		\$4,872	
4-10	Compression Equipment		\$0	
4-12	Dehydration Equipment		\$0	
4-14	Electrical Equipment - Motors, Etc.		\$4,272	
4-15	Automation Equipment		\$5,340	
4-16	Injection / Transfer Pump		\$13,251	
4-18	Meter & Meter Run		\$25,666	
4-20	Salt Water Tanks		\$24,113	
4-22	Production Tanks		\$0	
4-24	Separation Equipment		\$55,254	
4-26	Pump		\$175,000	
4-28	Pumping Unit		\$0	
4-30	Rod String		\$0	
4-32	Tubing Head		\$10,000	
4-34	Valves, Gauges and Miscellaneous		\$6,094	
4-38	Artificial Lift and Accessories		\$5,000	
4-40	Flowline		\$13,500	
TOTAL TANGIBLE COMPLETION COSTS:			\$381,859	
TOTAL DRILLING COST		\$1,413,641		
TOTAL COMPLETION COST			\$3,381,745	
TOTAL COMPLETED WELL COST			\$4,795,387	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20____



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	002H	FIELD:	Loco Hills	AFE #: 421
LOCATION:	SHL 390' FNL 2,403' FEL of Section 14	17S-28E	PROPOSED TD:	11,750'	DATE:	11/30/2020	
	BHL 800' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 4,200'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS		DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **			
1-02	Rig Diesel	\$41,556		
1-03	Rig Rentals	\$24,444		
1-04	Location / Construction	\$25,500		
1-05	Drilling Insurance	\$5,000		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$20,333		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$45,000		
1-19	Drilling Overhead	\$31,250		
1-20	Rig Mobilization / Demobilization	\$21,250		
1-22	Bits / Underreamers, Etc.	\$35,000		
1-23	Directional Tools & Supervision	\$116,250		
1-24	Hammer Rental / Supervision	\$0		
1-25	Cement Plug / Squeeze	\$0		
1-26	Drilling Mud & Transportation	\$35,000		
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$18,750		
1-29	Mud Remediation	\$55,000		
1-30	Drill String & BHA Rental	\$7,500		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	16.5 days @ \$13,333 / day	\$217,500		
1-36	Casing Crews, PU & LD	\$21,000		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$21,000		
1-42	Water - Fresh / Brine	\$50,000		
1-43	Waste Water / Mud Disposal	\$5,000		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,200		
1-48	Surface Pipe Cementing	\$20,000		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$30,079		
1-52	Production Casing Cementing	\$47,500		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58	Drilling Contingencies	\$116,656		
1-60	Surface Damages	\$3,750		
1-62	Rotating Head & Expendables	\$2,900		
1-64	Miscellaneous Drilling	\$14,000		
1-66	Welding During Drilling	\$3,500		
1-68	Miscellaneous Equipment Rentals	\$46,876		
1-70	Centralizers & Float Equipment	\$32,000		
TOTAL INTANGIBLE DRILLING COSTS:		\$1,167,794	\$0	

TANGIBLE DRILLING COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
TUBULAR GOODS (Surf., Inter., Prod., Tbg)				
	Size Grade Weight Thread Length			
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04		\$99,760		
2-06	7" L-80 32.00 BT&C 4100	\$113,792		
	5-1/2" L-80 20.00 BT&C 6100	\$0		
DRILLING - SURFACE EQUIPMENT		\$0		
2-10	Casinghead(s)	\$10,000		
2-12	Liner Hanger & Packer	\$0		
2-14	Open Hole Packers and Sleeves	\$0		
2-16	Miscellaneous	\$0		
2-18	Flowline & Valves	\$0		
TOTAL TANGIBLE DRILLING COSTS:		\$245,847	\$0	



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	002H	FIELD:	Loco Hills	AFE #: 421
LOCATION:	SHL 390' FNL 2,403' FEL of Section 14	17S-28E	PROPOSED TD:	11,750'	DATE:	11/30/2020	
	BHL 800' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 4,200'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,080,000	
3-06	Perforating		\$140,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$35,000	
3-12	Electrician / Electrical Services		\$36,840	
3-14	Equipment Rentals		\$20,000	
3-15	Rentals- Potties, Lights, Trash Trailers		\$15,000	
3-16	Frac Tank Rentals		\$20,000	
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3-20	Right - Of - Way		\$6,311	
3-22	Roustabout Crews		\$61,206	
3-23	Cement Plugs/Bridge Plugs		\$32,000	
3-24	Supervision		\$18,000	
3-25	Completion Overhead		\$10,500	
3-26	Trucking		\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit		\$50,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$150,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$23,100	
3-32	Reverse Unit / Power Swivel		\$60,000	
3-33	Trucking- Kill Truck		\$0	
	Completion Rig / Daywork		\$0	
3-34	4.0 days @ \$7,600 / day		\$60,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$10,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$13,000	
3-44	DH Tool Rental		\$23,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$11,500	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$135,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$254,129	
TOTAL INTANGIBLE COMPLETION COSTS:			\$2,999,886	
TANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **			
4-01	Tubing		\$20,000	
4-02	Packers		\$0	
4-04	Plugs		\$0	
4-06	Blast Joint		\$0	
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4-09	Environmental Equipment		\$4,872	
4-10	Compression Equipment		\$0	
4-12	Dehydration Equipment		\$0	
4-14	Electrical Equipment - Motors, Etc.		\$4,272	
4-15	Automation Equipment		\$5,340	
4-16	Injection / Transfer Pump		\$13,251	
4-18	Meter & Meter Run		\$25,666	
4-20	Salt Water Tanks		\$24,113	
4-22	Production Tanks		\$0	
4-24	Separation Equipment		\$55,254	
4-26	Pump		\$175,000	
4-28	Pumping Unit		\$0	
4-30	Rod String		\$0	
4-32	Tubing Head		\$10,000	
4-34	Valves, Gauges and Miscellaneous		\$6,094	
4-38	Artificial Lift and Accessories		\$5,000	
4-40	Flowline		\$13,500	
TOTAL TANGIBLE COMPLETION COSTS:			\$381,859	
TOTAL DRILLING COST		\$1,413,641		
TOTAL COMPLETION COST			\$3,381,745	
TOTAL COMPLETED WELL COST			\$4,795,387	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20____



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	003H	FIELD:	Loco Hills	AFE #: 422
LOCATION:	SHL 1,715' FNL 2,431' FEL of Section 14	17S-28E	PROPOSED TD:	11,350'	DATE:	11/30/2020	
	BHL 1,255' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 3,800'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS				DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **					
1-02	Rig Diesel			\$41,556		
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1-16	Air / Gas Services			\$0		
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1-26	Drilling Mud & Transportation			\$35,000		
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1-42	Water - Fresh / Brine			\$50,000		
1-43	Waste Water / Mud Disposal			\$5,000		
1-44	Well Control Equipment			\$0		
1-46	Trash Trailer			\$2,200		
1-48	Surface Pipe Cementing			\$20,000		
1-50	Intermediate Pipe Cementing			\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)			\$30,079		
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1-58	Drilling Contingencies			\$116,656		
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1-64	Miscellaneous Drilling			\$14,000		
1-66	Welding During Drilling			\$3,500		
1-68	Miscellaneous Equipment Rentals			\$46,876		
1-70	Centralizers & Float Equipment			\$32,000		
TOTAL INTANGIBLE DRILLING COSTS:				\$1,167,794	\$0	

TANGIBLE DRILLING COSTS:						DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **							
TUBULAR GOODS (Surf., Inter., Prod., Tbg)								
	Size	Grade	Weight	Thread	Length			
2-02	9-5/8"	J-55	36.00	LT&C	1250	\$22,295		
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DRILLING - SURFACE EQUIPMENT						\$0		
2-10	Casinghead(s)					\$10,000		
2-12	Liner Hanger & Packer					\$0		
2-14	Open Hole Packers and Sleeves					\$0		
2-16	Miscellaneous					\$0		
2-18	Flowline & Valves					\$0		
TOTAL TANGIBLE DRILLING COSTS:						\$245,847	\$0	



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REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
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3-30	Slickline Work		\$0	
3-31	Technical Labor		\$23,100	
3-32	Reverse Unit / Power Swivel		\$60,000	
3-33	Trucking- Kill Truck		\$0	
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3-42	Completion Fluids - Mud, Etc.		\$13,000	
3-44	DH Tool Rental		\$23,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$11,500	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$135,000	
3-52	Well Testing Equipment & Labor		\$5,000	
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3-56	Contingencies Completion		\$254,129	
TOTAL INTANGIBLE COMPLETION COSTS:			\$2,999,886	
TANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **			
4-01	Tubing		\$20,000	
4-02	Packers		\$0	
4-04	Plugs		\$0	
4-06	Blast Joint		\$0	
4-08	Miscellaneous Completion Equipment		\$19,496	
4-09	Environmental Equipment		\$4,872	
4-10	Compression Equipment		\$0	
4-12	Dehydration Equipment		\$0	
4-14	Electrical Equipment - Motors, Etc.		\$4,272	
4-15	Automation Equipment		\$5,340	
4-16	Injection / Transfer Pump		\$13,251	
4-18	Meter & Meter Run		\$25,666	
4-20	Salt Water Tanks		\$24,113	
4-22	Production Tanks		\$0	
4-24	Separation Equipment		\$55,254	
4-26	Pump		\$175,000	
4-28	Pumping Unit		\$0	
4-30	Rod String		\$0	
4-32	Tubing Head		\$10,000	
4-34	Valves, Gauges and Miscellaneous		\$6,094	
4-38	Artificial Lift and Accessories		\$5,000	
4-40	Flowline		\$13,500	
TOTAL TANGIBLE COMPLETION COSTS:			\$381,859	
TOTAL DRILLING COST		\$1,413,641		
TOTAL COMPLETION COST			\$3,381,745	
TOTAL COMPLETED WELL COST			\$4,795,387	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20____



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	004H	FIELD:	Loco Hills	AFE #: 423
LOCATION:	SHL 1,740' FNL 2,431' FEL of Section 14	17S-28E	PROPOSED TD:	11,750'	DATE:	11/30/2020	
	BHL 1,709' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 4,200'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS				DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **					
1-02	Rig Diesel			\$41,556		
1-03	Rig Rentals			\$24,444		
1-04	Location / Construction			\$25,500		
1-05	Drilling Insurance			\$5,000		
1-06	Permits			\$12,000		
1-07	Title Opinion / Regulatory Fees			\$22,500		
1-08	Survey			\$7,500		
1-10	Right-of-Way			\$10,000		
1-12	Pit Lining / Fences			\$0		
1-14	Trucking			\$20,333		
1-16	Air / Gas Services			\$0		
1-18	Supervision			\$45,000		
1-19	Drilling Overhead			\$31,250		
1-20	Rig Mobilization / Demobilization			\$21,250		
1-22	Bits / Underreamers, Etc.			\$35,000		
1-23	Directional Tools & Supervision			\$116,250		
1-24	Hammer Rental / Supervision			\$0		
1-25	Cement Plug / Squeeze			\$0		
1-26	Drilling Mud & Transportation			\$35,000		
1-27	Mud Diesel			\$0		
1-28	Mud Logging & Geo-steering			\$18,750		
1-29	Mud Remediation			\$55,000		
1-30	Drill String & BHA Rental			\$7,500		
1-31	Coring			\$0		
1-32	Drill Stem Tests			\$0		
	Contract Daywork Drilling			\$0		
1-34	16.5	days @	\$13,333 / day	\$217,500		
1-36	Casing Crews, PU & LD			\$21,000		
1-38	Fishing Tool Rentals			\$0		
1-40	Rathole / Mousehole / Conductor			\$21,000		
1-42	Water - Fresh / Brine			\$50,000		
1-43	Waste Water / Mud Disposal			\$5,000		
1-44	Well Control Equipment			\$0		
1-46	Trash Trailer			\$2,200		
1-48	Surface Pipe Cementing			\$20,000		
1-50	Intermediate Pipe Cementing			\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)			\$30,079		
1-52	Production Casing Cementing			\$47,500		
1-56	Open-Hole Logging OH Logs & Core processing			\$0		
1-58	Drilling Contingencies			\$116,656		
1-60	Surface Damages			\$3,750		
1-62	Rotating Head & Expendables			\$2,900		
1-64	Miscellaneous Drilling			\$14,000		
1-66	Welding During Drilling			\$3,500		
1-68	Miscellaneous Equipment Rentals			\$46,876		
1-70	Centralizers & Float Equipment			\$32,000		
TOTAL INTANGIBLE DRILLING COSTS:				\$1,167,794	\$0	

TANGIBLE DRILLING COSTS:						DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **							
TUBULAR GOODS (Surf., Inter., Prod., Tbg)								
	Size	Grade	Weight	Thread	Length			
2-02	9-5/8"	J-55	36.00	LT&C	1250	\$22,295		
2-04						\$99,760		
2-06	7"	L-80	32.00	BT&C	4100	\$113,792		
	5-1/2"	L-80	20.00	BT&C	6100	\$0		
DRILLING - SURFACE EQUIPMENT						\$0		
2-10	Casinghead(s)					\$10,000		
2-12	Liner Hanger & Packer					\$0		
2-14	Open Hole Packers and Sleeves					\$0		
2-16	Miscellaneous					\$0		
2-18	Flowline & Valves					\$0		
TOTAL TANGIBLE DRILLING COSTS:						\$245,847	\$0	



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	004H	FIELD:	Loco Hills	AFE #: 423
LOCATION:	SHL 1,740' FNL 2,431' FEL of Section 14	17S-28E	PROPOSED TD:	11,750'	DATE:	11/30/2020	
	BHL 1,709' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 4,200'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,080,000	
3-06	Perforating		\$140,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$35,000	
3-12	Electrician / Electrical Services		\$36,840	
3-14	Equipment Rentals		\$20,000	
3-15	Rentals- Potties, Lights, Trash Trailers		\$15,000	
3-16	Frac Tank Rentals		\$20,000	
3-18	Restore Location		\$10,000	
3-20	Right - Of - Way		\$6,311	
3-22	Roustabout Crews		\$61,206	
3-23	Cement Plugs/Bridge Plugs		\$32,000	
3-24	Supervision		\$18,000	
3-25	Completion Overhead		\$10,500	
3-26	Trucking		\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit		\$50,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$150,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$23,100	
3-32	Reverse Unit / Power Swivel		\$60,000	
3-33	Trucking- Kill Truck		\$0	
	Completion Rig / Daywork		\$0	
3-34	4.0 days @ \$7,600 / day		\$60,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$10,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$13,000	
3-44	DH Tool Rental		\$23,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$11,500	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$135,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$254,129	
TOTAL INTANGIBLE COMPLETION COSTS:			\$2,999,886	
TANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **			
4-01	Tubing		\$20,000	
4-02	Packers		\$0	
4-04	Plugs		\$0	
4-06	Blast Joint		\$0	
4-08	Miscellaneous Completion Equipment		\$19,496	
4-09	Environmental Equipment		\$4,872	
4-10	Compression Equipment		\$0	
4-12	Dehydration Equipment		\$0	
4-14	Electrical Equipment - Motors, Etc.		\$4,272	
4-15	Automation Equipment		\$5,340	
4-16	Injection / Transfer Pump		\$13,251	
4-18	Meter & Meter Run		\$25,666	
4-20	Salt Water Tanks		\$24,113	
4-22	Production Tanks		\$0	
4-24	Separation Equipment		\$55,254	
4-26	Pump		\$175,000	
4-28	Pumping Unit		\$0	
4-30	Rod String		\$0	
4-32	Tubing Head		\$10,000	
4-34	Valves, Gauges and Miscellaneous		\$6,094	
4-38	Artificial Lift and Accessories		\$5,000	
4-40	Flowline		\$13,500	
TOTAL TANGIBLE COMPLETION COSTS:			\$381,859	
TOTAL DRILLING COST		\$1,413,641		
TOTAL COMPLETION COST			\$3,381,745	
TOTAL COMPLETED WELL COST			\$4,795,387	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20____



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	005H	FIELD:	Loco Hills	AFE #: 424
LOCATION:	SHL 1,765' FNL 2,431' FEL of Section 14	17S-28E	PROPOSED TD:	11,350'	DATE:	11/30/2020	
	BHL 2,164' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 3,800'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS		DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **			
1-02	Rig Diesel	\$41,556		
1-03	Rig Rentals	\$24,444		
1-04	Location / Construction	\$25,500		
1-05	Drilling Insurance	\$5,000		
1-06	Permits	\$12,000		
1-07	Title Opinion / Regulatory Fees	\$22,500		
1-08	Survey	\$7,500		
1-10	Right-of-Way	\$10,000		
1-12	Pit Lining / Fences	\$0		
1-14	Trucking	\$20,333		
1-16	Air / Gas Services	\$0		
1-18	Supervision	\$45,000		
1-19	Drilling Overhead	\$31,250		
1-20	Rig Mobilization / Demobilization	\$21,250		
1-22	Bits / Underreamers, Etc.	\$35,000		
1-23	Directional Tools & Supervision	\$116,250		
1-24	Hammer Rental / Supervision	\$0		
1-25	Cement Plug / Squeeze	\$0		
1-26	Drilling Mud & Transportation	\$35,000		
1-27	Mud Diesel	\$0		
1-28	Mud Logging & Geo-steering	\$18,750		
1-29	Mud Remediation	\$55,000		
1-30	Drill String & BHA Rental	\$7,500		
1-31	Coring	\$0		
1-32	Drill Stem Tests	\$0		
	Contract Daywork Drilling	\$0		
1-34	16.5 days @ \$13,333 / day	\$217,500		
1-36	Casing Crews, PU & LD	\$21,000		
1-38	Fishing Tool Rentals	\$0		
1-40	Rathole / Mousehole / Conductor	\$21,000		
1-42	Water - Fresh / Brine	\$50,000		
1-43	Waste Water / Mud Disposal	\$5,000		
1-44	Well Control Equipment	\$0		
1-46	Trash Trailer	\$2,200		
1-48	Surface Pipe Cementing	\$20,000		
1-50	Intermediate Pipe Cementing	\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)	\$30,079		
1-52	Production Casing Cementing	\$47,500		
1-56	Open-Hole Logging OH Logs & Core processing	\$0		
1-58	Drilling Contingencies	\$116,656		
1-60	Surface Damages	\$3,750		
1-62	Rotating Head & Expendables	\$2,900		
1-64	Miscellaneous Drilling	\$14,000		
1-66	Welding During Drilling	\$3,500		
1-68	Miscellaneous Equipment Rentals	\$46,876		
1-70	Centralizers & Float Equipment	\$32,000		
TOTAL INTANGIBLE DRILLING COSTS:		\$1,167,794	\$0	

TANGIBLE DRILLING COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **			
TUBULAR GOODS (Surf., Inter., Prod., Tbg)				
	Size Grade Weight Thread Length			
2-02	9-5/8" J-55 36.00 LT&C 1250	\$22,295		
2-04		\$99,760		
2-06	7" L-80 32.00 BT&C 4100	\$113,792		
	5-1/2" L-80 20.00 BT&C 6100	\$0		
DRILLING - SURFACE EQUIPMENT		\$0		
2-10	Casinghead(s)	\$10,000		
2-12	Liner Hanger & Packer	\$0		
2-14	Open Hole Packers and Sleeves	\$0		
2-16	Miscellaneous	\$0		
2-18	Flowline & Valves	\$0		
TOTAL TANGIBLE DRILLING COSTS:		\$245,847	\$0	



OPERATOR:	Longfellow Energy, LP						
LEASE:	Hendrix State Com 1314 ABX		WELL NO.	005H	FIELD:	Loco Hills	AFE #: 424
LOCATION:	SHL 1,765' FNL 2,431' FEL of Section 14	17S-28E	PROPOSED TD:	11,350'	DATE:	11/30/2020	
	BHL 2,164' FNL 20' FEL of Section 13	17S-28E	VERTICAL		RE-ENTRY		
OBJECTIVE:	Yeso Formation Estimated @ 3,800'		HORIZONTAL	X	WORKOVER		
REMARKS:	Loco Hills Project - Eddy County, NM					REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **			
3-02	Acidizing		\$0	
3-04	Fracturing		\$1,080,000	
3-06	Perforating		\$140,000	
3-08	Cased Hole Logging		\$5,000	
3-10	CO2 / Boosters		\$35,000	
3-12	Electrician / Electrical Services		\$36,840	
3-14	Equipment Rentals		\$20,000	
3-15	Rentals- Potties, Lights, Trash Trailers		\$15,000	
3-16	Frac Tank Rentals		\$20,000	
3-18	Restore Location		\$10,000	
3-20	Right - Of - Way		\$6,311	
3-22	Roustabout Crews		\$61,206	
3-23	Cement Plugs/Bridge Plugs		\$32,000	
3-24	Supervision		\$18,000	
3-25	Completion Overhead		\$10,500	
3-26	Trucking		\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit		\$50,000	
3-28	Water Hauling - Fresh		\$685,800	
3-29	SW Disposal- Hauling, Paid Disposal, Poly		\$150,000	
3-30	Slickline Work		\$0	
3-31	Technical Labor		\$23,100	
3-32	Reverse Unit / Power Swivel		\$60,000	
3-33	Trucking- Kill Truck		\$0	
	Completion Rig / Daywork		\$0	
3-34	4.0 days @ \$7,600 / day		\$60,000	
3-36	Anchors		\$2,500	
3-38	Drill bits, Unde-reamers, Etc.		\$10,000	
3-40	Coiled Tubing Unit		\$0	
3-42	Completion Fluids - Mud, Etc.		\$13,000	
3-44	DH Tool Rental		\$23,000	
3-46	Fishing Tool Rental		\$0	
3-48	Tubing Testing & Inspection		\$11,500	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator		\$135,000	
3-52	Well Testing Equipment & Labor		\$5,000	
3-54	Miscellaneous Completion		\$5,000	
3-56	Contingencies Completion		\$254,129	
TOTAL INTANGIBLE COMPLETION COSTS:			\$2,999,886	
TANGIBLE COMPLETION COSTS:		DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **			
4-01	Tubing		\$20,000	
4-02	Packers		\$0	
4-04	Plugs		\$0	
4-06	Blast Joint		\$0	
4-08	Miscellaneous Completion Equipment		\$19,496	
4-09	Environmental Equipment		\$4,872	
4-10	Compression Equipment		\$0	
4-12	Dehydration Equipment		\$0	
4-14	Electrical Equipment - Motors, Etc.		\$4,272	
4-15	Automation Equipment		\$5,340	
4-16	Injection / Transfer Pump		\$13,251	
4-18	Meter & Meter Run		\$25,666	
4-20	Salt Water Tanks		\$24,113	
4-22	Production Tanks		\$0	
4-24	Separation Equipment		\$55,254	
4-26	Pump		\$175,000	
4-28	Pumping Unit		\$0	
4-30	Rod String		\$0	
4-32	Tubing Head		\$10,000	
4-34	Valves, Gauges and Miscellaneous		\$6,094	
4-38	Artificial Lift and Accessories		\$5,000	
4-40	Flowline		\$13,500	
TOTAL TANGIBLE COMPLETION COSTS:			\$381,859	
TOTAL DRILLING COST		\$1,413,641		
TOTAL COMPLETION COST			\$3,381,745	
TOTAL COMPLETED WELL COST			\$4,795,387	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20____



OPERATOR:	Longfellow Energy, LP									
LEASE:	Hendrix State Com 1314 ABX				WELL NO.	001H	FIELD:	Loco Hills	AFE #: 425	DATE: 6/1/2021
LOCATION:	SHL	361'	FNL	2,400'	FEL	of	Section	14	17S-28E	PROPOSED TD: 11,400' ft (MD)
	BHL	347'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL
OBJECTIVE:	Yeso Formation				Estimated	@	3,900'	ft	TVD	HORIZONTAL X
REMARKS:	Loco Hills Project - Eddy County, NM									REVIEWED BY: DM

INTANGIBLE DRILLING COSTS						DRILLING	COMPLETION	SUPPLEMENTAL
1-00	** IDC - DRILLING **							
1-02	Rig Diesel					\$33,477		
1-03	Rig Rentals					\$22,500		
1-04	Location / Construction					\$34,000		
1-05	Drilling Insurance					\$5,000		
1-06	Permits					\$12,000		
1-07	Title Opinion / Regulatory Fees					\$40,000		
1-08	Survey					\$7,500		
1-10	Right-of-Way					\$10,000		
1-12	Pit Lining / Fences					\$0		
1-14	Trucking					\$17,730		
1-16	Air / Gas Services					\$0		
1-18	Supervision					\$36,000		
1-19	Drilling Overhead					\$25,000		
1-20	Rig Mobilization / Demobilization					\$21,250		
1-22	Bits / Underreamers, Etc.					\$35,000		
1-23	Directional Tools & Supervision					\$93,000		
1-24	Hammer Rental / Supervision					\$0		
1-25	Cement Plug / Squeeze					\$0		
1-26	Drilling Mud & Transportation					\$25,000		
1-27	Mud Diesel					\$0		
1-28	Mud Logging & Geo-steering					\$15,000		
1-29	Mud Remediation					\$45,000		
1-30	Drill String & BHA Rental					\$7,500		
1-31	Coring					\$0		
1-32	Drill Stem Tests					\$0		
	Contract Daywork Drilling							
1-34	16.0 days @ \$13,150 / day					\$210,400		
1-36	Casing Crews, PU & LD					\$15,000		
1-38	Fishing Tool Rentals					\$0		
1-40	Rathole / Mousehole / Conductor					\$18,500		
1-42	Water - Fresh / Brine					\$25,000		
1-43	Waste Water / Mud Disposal					\$5,000		
1-44	Well Control Equipment					\$0		
1-46	Trash Trailer					\$2,000		
1-48	Surface Pipe Cementing					\$15,000		
1-50	Intermediate Pipe Cementing					\$0		
1-51	Contractor Ser. (Roustabout, Testor, etc.)					\$24,063		
1-52	Production Casing Cementing					\$38,500		
1-56	Open-Hole Logging OH Logs & Core processing					\$0		
1-58	Drilling Contingencies					\$97,560		
1-60	Surface Damages					\$3,750		
1-62	Rotating Head & Expendables					\$2,500		
1-64	Miscellaneous Drilling					\$10,000		
1-66	Welding During Drilling					\$3,500		
1-68	Miscellaneous Equipment Rentals					\$37,500		
1-70	Centralizers & Float Equipment					\$28,500		
TOTAL INTANGIBLE DRILLING COSTS:						\$1,021,730		

TANGIBLE DRILLING COSTS:						DRILLING	COMPLETION	SUPPLEMENTAL
2-00	** IDC - DRILLING **							
TUBULAR GOODS (Surf., Inter., Prod., Tbg)								
	Size	Grade	Weight	Thread	Length			
2-02	9-5/8"	J-55	36.00	LT&C	+/- 1,250'	\$39,825		
2-04	7"	L-80	32.00	BT&C	+/- 4,100'	\$151,864		
2-06	5-1/2"	L-80	20.00	BT&C	+/-4,100' down to +/-12,791	\$189,481		
DRILLING - SURFACE EQUIPMENT								
2-10	Casinghead(s)					\$12,000		
2-12	Liner Hanger & Packer					\$0		
2-14	Open Hole Packers and Sleeves					\$0		
2-16	Miscellaneous					\$0		
2-18	Flowline & Valves					\$0		
TOTAL TANGIBLE DRILLING COSTS:						\$393,170		



OPERATOR:	Longfellow Energy, LP												
LEASE:	Hendrix State Com 1314 ABX					WELL NO.	001H	FIELD:	Loco Hills		AFE #: 425	DATE:	6/1/2021
LOCATION:	SHL	361'	FNL	2,400'	FEL	of	Section	14	17S-28E	PROPOSED TD:	11,400'	ft (MD)	
	BHL	347'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL		RE-ENTRY	
OBJECTIVE:	Yeso Formation				Estimated	@	3,900'	ft	TVD	HORIZONTAL	X	WORKOVER	
REMARKS:	Loco Hills Project - Eddy County, NM											REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:					DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **						
3-02	Acidizing					\$0	
3-04	Fracturing					\$1,607,200	
3-06	Perforating					\$116,850	
3-08	Cased Hole Logging					\$0	
3-10	CO2 / Boosters					\$0	
3-12	Electrician / Electrical Services					\$18,333	
3-14	Equipment Rentals					\$5,000	
3-15	Rentals- Potties, Lights, Trash Trailers					\$7,500	
3-16	Frac Tank Rentals					\$11,000	
3-18	Restore Location					\$10,000	
3-20	Right - Of - Way					\$6,173	
3-22	Roustabout Crews					\$62,000	
3-23	Cement Plugs/Bridge Plugs					\$53,300	
3-24	Supervision					\$30,000	
3-25	Completion Overhead					\$10,500	
3-26	Trucking					\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit					\$38,071	
3-28	Water Hauling - Fresh					\$654,300	
3-29	SW Disposal- Hauling, Paid Disposal, Poly					\$10,000	
3-30	Slickline Work					\$0	
3-31	Technical Labor					\$5,000	
3-32	Reverse Unit / Power Swivel					\$0	
3-33	Trucking- Kill Truck					\$0	
3-34	Completion Rig / Daywork						
	2.0	days	@	\$7,600	/ day	\$15,200	
3-36	Anchors					\$1,000	
3-38	Drill bits, Unde-reamers, Etc.					\$0	
3-40	Coiled Tubing Unit					\$0	
3-42	Completion Fluids - Mud, Etc.					\$5,000	
3-44	DH Tool Rental					\$0	
3-46	Fishing Tool Rental					\$0	
3-48	Tubing Testing & Inspection					\$0	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator					\$55,000	
3-52	Well Testing Equipment & Labor					\$5,000	
3-54	Miscellaneous Completion					\$2,667	
3-56	Contingencies Completion 10%					\$335,109	
TOTAL INTANGIBLE COMPLETION COSTS:						\$3,086,204	
TANGIBLE COMPLETION COSTS:					DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **						
4-01	Tubing					\$20,000	
4-02	Packers					\$0	
4-04	Plugs					\$0	
4-06	Blast Joint					\$0	
4-08	Miscellaneous Completion Equipment					\$7,815	
4-09	Environmental Equipment					\$11,667	
4-10	Compression Equipment					\$8,545	
4-12	Dehydration Equipment					\$0	
4-14	Electrical Equipment - Motors, Etc.					\$86,492	
4-15	Automation Equipment					\$5,340	
4-16	Injection / Transfer Pump					\$9,400	
4-18	Meter & Meter Run					\$44,007	
4-20	Salt Water Tanks					\$13,638	
4-22	Production Tanks					\$16,305	
4-24	Separation Equipment					\$55,140	
4-26	Pump					\$175,000	
4-28	Pumping Unit					\$0	
4-30	Rod String					\$0	
4-32	Tubing Head					\$10,000	
4-34	Valves, Gauges and Miscellaneous					\$26,484	
4-38	Artificial Lift and Accessories					\$5,000	
4-40	Flowline					\$21,638	
TOTAL TANGIBLE COMPLETION COSTS:						\$516,471	
TOTAL DRILLING COST					\$1,414,900		
TOTAL COMPLETION COST						\$3,602,675	
TOTAL COMPLETED WELL COST						\$5,017,575	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20



OPERATOR:	Longfellow Energy, LP									
LEASE:	Hendrix State Com 1314 ABX				WELL NO.	002H	FIELD:	Loco Hills		AFE #: 426
LOCATION:	SHL	386'	FNL	2,400'	FEL	of	Section	14	17S-28E	PROPOSED TD: 11,800'
	BHL	800'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL
OBJECTIVE:	Yeso Formation				Estimated	@	4,300'	ft	TVD	HORIZONTAL
REMARKS:	Loco Hills Project - Eddy County, NM									RE-ENTRY
										WORKOVER
										REVIEWED BY: DM

INTANGIBLE DRILLING COSTS						DRILLING		COMPLETION		SUPPLEMENTAL	
1-00	** IDC - DRILLING **										
1-02	Rig Diesel						\$33,477				
1-03	Rig Rentals						\$22,500				
1-04	Location / Construction						\$34,000				
1-05	Drilling Insurance						\$5,000				
1-06	Permits						\$12,000				
1-07	Title Opinion / Regulatory Fees						\$40,000				
1-08	Survey						\$7,500				
1-10	Right-of-Way						\$10,000				
1-12	Pit Lining / Fences						\$0				
1-14	Trucking						\$17,730				
1-16	Air / Gas Services						\$0				
1-18	Supervision						\$36,000				
1-19	Drilling Overhead						\$25,000				
1-20	Rig Mobilization / Demobilization						\$21,250				
1-22	Bits / Underreamers, Etc.						\$35,000				
1-23	Directional Tools & Supervision						\$93,000				
1-24	Hammer Rental / Supervision						\$0				
1-25	Cement Plug / Squeeze						\$0				
1-26	Drilling Mud & Transportation						\$25,000				
1-27	Mud Diesel						\$0				
1-28	Mud Logging & Geo-steering						\$15,000				
1-29	Mud Remediation						\$45,000				
1-30	Drill String & BHA Rental						\$7,500				
1-31	Coring						\$0				
1-32	Drill Stem Tests						\$0				
	Contract Daywork Drilling										
1-34	16.0 days @ \$13,150 / day						\$210,400				
1-36	Casing Crews, PU & LD						\$15,000				
1-38	Fishing Tool Rentals						\$0				
1-40	Rathole / Mousehole / Conductor						\$18,500				
1-42	Water - Fresh / Brine						\$25,000				
1-43	Waste Water / Mud Disposal						\$5,000				
1-44	Well Control Equipment						\$0				
1-46	Trash Trailer						\$2,000				
1-48	Surface Pipe Cementing						\$15,000				
1-50	Intermediate Pipe Cementing						\$0				
1-51	Contractor Ser. (Roustabout, Testor, etc.)						\$24,063				
1-52	Production Casing Cementing						38,500				
1-56	Open-Hole Logging OH Logs & Core processing						\$0				
1-58	Drilling Contingencies						\$97,560				
1-60	Surface Damages						\$3,750				
1-62	Rotating Head & Expendables						\$2,500				
1-64	Miscellaneous Drilling						\$10,000				
1-66	Welding During Drilling						\$3,500				
1-68	Miscellaneous Equipment Rentals						\$37,500				
1-70	Centralizers & Float Equipment						\$28,500				
TOTAL INTANGIBLE DRILLING COSTS:							\$1,021,730				

TANGIBLE DRILLING COSTS:						DRILLING		COMPLETION		SUPPLEMENTAL	
2-00	** IDC - DRILLING **										
TUBULAR GOODS (Surf., Inter., Prod., Tbg)											
	Size	Grade	Weight	Thread	Length						
2-02	9-5/8"	J-55	36.00	LT&C	+/- 1,250'		\$39,825				
2-04	7"	L-80	32.00	BT&C	+/- 4,100'		\$151,864				
2-06	5-1/2"	L-80	20.00	BT&C	+/-4,100' down to +/-12,791		\$189,481				
DRILLING - SURFACE EQUIPMENT											
2-10	Casinghead(s)						\$12,000				
2-12	Liner Hanger & Packer						\$0				
2-14	Open Hole Packers and Sleeves						\$0				
2-16	Miscellaneous						\$0				
2-18	Flowline & Valves						\$0				
TOTAL TANGIBLE DRILLING COSTS:							\$393,170				



OPERATOR:	Longfellow Energy, LP												
LEASE:	Hendrix State Com 1314 ABX					WELL NO.	002H	FIELD:	Loco Hills		AFE #: 426	DATE:	6/1/2021
LOCATION:	SHL	386'	FNL	2,400'	FEL	of	Section	14	17S-28E	PROPOSED TD:	11,800'	ft (MD)	
	BHL	800'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL		RE-ENTRY	
OBJECTIVE:	Yeso Formation				Estimated	@	4,300'	ft	TVD	HORIZONTAL	X	WORKOVER	
REMARKS:	Loco Hills Project - Eddy County, NM											REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **					
3-02	Acidizing				\$0	
3-04	Fracturing				\$1,607,200	
3-06	Perforating				\$116,850	
3-08	Cased Hole Logging				\$0	
3-10	CO2 / Boosters				\$0	
3-12	Electrician / Electrical Services				\$18,333	
3-14	Equipment Rentals				\$5,000	
3-15	Rentals- Potties, Lights, Trash Trailers				\$7,500	
3-16	Frac Tank Rentals				\$11,000	
3-18	Restore Location				\$10,000	
3-20	Right - Of - Way				\$6,173	
3-22	Roustabout Crews				\$62,000	
3-23	Cement Plugs/Bridge Plugs				\$53,300	
3-24	Supervision				\$30,000	
3-25	Completion Overhead				\$10,500	
3-26	Trucking				\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit				\$38,071	
3-28	Water Hauling - Fresh				\$654,300	
3-29	SW Disposal- Hauling, Paid Disposal, Poly				\$10,000	
3-30	Slickline Work				\$0	
3-31	Technical Labor				\$5,000	
3-32	Reverse Unit / Power Swivel				\$0	
3-33	Trucking- Kill Truck				\$0	
3-34	Completion Rig / Daywork					
3-36	2.0 days @ \$7,600 / day				\$15,200	
3-38	Anchors				\$1,000	
3-40	Drill bits, Unde-reamers, Etc.				\$0	
3-42	Coiled Tubing Unit				\$0	
3-44	Completion Fluids - Mud, Etc.				\$5,000	
3-46	DH Tool Rental				\$0	
3-48	Fishing Tool Rental				\$0	
3-50	Tubing Testing & Inspection				\$0	
3-52	Press Control Equip Rental- BOPE, Frac Stack, Lubricator				\$55,000	
3-54	Well Testing Equipment & Labor				\$5,000	
3-56	Miscellaneous Completion				\$2,667	
3-57	Contingencies Completion 10%				\$335,109	
TOTAL INTANGIBLE COMPLETION COSTS:					\$3,086,204	
TANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **					
4-01	Tubing				\$20,000	
4-02	Packers				\$0	
4-04	Plugs				\$0	
4-06	Blast Joint				\$0	
4-08	Miscellaneous Completion Equipment				\$7,815	
4-09	Environmental Equipment				\$11,667	
4-10	Compression Equipment				\$8,545	
4-12	Dehydration Equipment				\$0	
4-14	Electrical Equipment - Motors, Etc.				\$86,492	
4-15	Automation Equipment				\$5,340	
4-16	Injection / Transfer Pump				\$9,400	
4-18	Meter & Meter Run				\$44,007	
4-20	Salt Water Tanks				\$13,638	
4-22	Production Tanks				\$16,305	
4-24	Separation Equipment				\$55,140	
4-26	Pump				\$175,000	
4-28	Pumping Unit				\$0	
4-30	Rod String				\$0	
4-32	Tubing Head				\$10,000	
4-34	Valves, Gauges and Miscellaneous				\$26,484	
4-38	Artificial Lift and Accessories				\$5,000	
4-40	Flowline				\$21,638	
TOTAL TANGIBLE COMPLETION COSTS:					\$516,471	
TOTAL DRILLING COST				\$1,414,900		
TOTAL COMPLETION COST					\$3,602,675	
TOTAL COMPLETED WELL COST					\$5,017,575	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20



OPERATOR:	Longfellow Energy, LP											
LEASE:	Hendrix State Com 1314 ABX				WELL NO.	003H	FIELD:	Loco Hills		AFE #: 427	DATE:	6/1/2021
LOCATION:	SHL	1,703'	FNL	2,428'	FEL	of	Section	14	17S-28E	PROPOSED TD:	11,400'	ft (MD)
	BHL	1,254'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL		RE-ENTRY
OBJECTIVE:	Yeso Formation				Estimated	@	3,900'	ft	TVD	HORIZONTAL	X	WORKOVER
REMARKS:	Loco Hills Project - Eddy County, NM										REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS						DRILLING		COMPLETION		SUPPLEMENTAL	
1-00	** IDC - DRILLING **										
1-02	Rig Diesel						\$33,477				
1-03	Rig Rentals						\$22,500				
1-04	Location / Construction						\$34,000				
1-05	Drilling Insurance						\$5,000				
1-06	Permits						\$12,000				
1-07	Title Opinion / Regulatory Fees						\$40,000				
1-08	Survey						\$7,500				
1-10	Right-of-Way						\$10,000				
1-12	Pit Lining / Fences						\$0				
1-14	Trucking						\$17,730				
1-16	Air / Gas Services						\$0				
1-18	Supervision						\$36,000				
1-19	Drilling Overhead						\$25,000				
1-20	Rig Mobilization / Demobilization						\$21,250				
1-22	Bits / Underreamers, Etc.						\$35,000				
1-23	Directional Tools & Supervision						\$93,000				
1-24	Hammer Rental / Supervision						\$0				
1-25	Cement Plug / Squeeze						\$0				
1-26	Drilling Mud & Transportation						\$25,000				
1-27	Mud Diesel						\$0				
1-28	Mud Logging & Geo-steering						\$15,000				
1-29	Mud Remediation						\$45,000				
1-30	Drill String & BHA Rental						\$7,500				
1-31	Coring						\$0				
1-32	Drill Stem Tests						\$0				
	Contract Daywork Drilling										
1-34	16.0 days @ \$13,150 / day						\$210,400				
1-36	Casing Crews, PU & LD						\$15,000				
1-38	Fishing Tool Rentals						\$0				
1-40	Rathole / Mousehole / Conductor						\$18,500				
1-42	Water - Fresh / Brine						\$25,000				
1-43	Waste Water / Mud Disposal						\$5,000				
1-44	Well Control Equipment						\$0				
1-46	Trash Trailer						\$2,000				
1-48	Surface Pipe Cementing						\$15,000				
1-50	Intermediate Pipe Cementing						\$0				
1-51	Contractor Ser. (Roustabout, Testor, etc.)						\$24,063				
1-52	Production Casing Cementing						38,500				
1-56	Open-Hole Logging OH Logs & Core processing						\$0				
1-58	Drilling Contingencies						\$97,560				
1-60	Surface Damages						\$3,750				
1-62	Rotating Head & Expendables						\$2,500				
1-64	Miscellaneous Drilling						\$10,000				
1-66	Welding During Drilling						\$3,500				
1-68	Miscellaneous Equipment Rentals						\$37,500				
1-70	Centralizers & Float Equipment						\$28,500				
TOTAL INTANGIBLE DRILLING COSTS:							\$1,021,730				

TANGIBLE DRILLING COSTS:						DRILLING		COMPLETION		SUPPLEMENTAL	
2-00	** IDC - DRILLING **										
TUBULAR GOODS (Surf., Inter., Prod., Tbg)											
	Size	Grade	Weight	Thread	Length						
2-02	9-5/8"	J-55	36.00	LT&C	+/- 1,250'		\$39,825				
2-04	7"	L-80	32.00	BT&C	+/- 4,100'		\$151,864				
2-06	5-1/2"	L-80	20.00	BT&C	+/-4,100' down to +/-12,791		\$189,481				
DRILLING - SURFACE EQUIPMENT											
2-10	Casinghead(s)						\$12,000				
2-12	Liner Hanger & Packer						\$0				
2-14	Open Hole Packers and Sleeves						\$0				
2-16	Miscellaneous						\$0				
2-18	Flowline & Valves						\$0				
TOTAL TANGIBLE DRILLING COSTS:							\$393,170				



OPERATOR:	Longfellow Energy, LP									
LEASE:	Hendrix State Com 1314 ABX			WELL NO.	003H	FIELD:	Loco Hills		AFE #: 427	DATE: 6/1/2021
LOCATION:	SHL	1,703'	FNL	2,428'	FEL	of	Section	14	17S-28E	PROPOSED TD: 11,400' ft (MD)
	BHL	1,254'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL
OBJECTIVE:	Yeso Formation			Estimated	@	3,900'	ft	TVD	HORIZONTAL	X
REMARKS:	Loco Hills Project - Eddy County, NM									REVIEWED BY: DM

INTANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **					
3-02	Acidizing				\$0	
3-04	Fracturing				\$1,607,200	
3-06	Perforating				\$116,850	
3-08	Cased Hole Logging				\$0	
3-10	CO2 / Boosters				\$0	
3-12	Electrician / Electrical Services				\$18,333	
3-14	Equipment Rentals				\$5,000	
3-15	Rentals- Potties, Lights, Trash Trailers				\$7,500	
3-16	Frac Tank Rentals				\$11,000	
3-18	Restore Location				\$10,000	
3-20	Right - Of - Way				\$6,173	
3-22	Roustabout Crews				\$62,000	
3-23	Cement Plugs/Bridge Plugs				\$53,300	
3-24	Supervision				\$30,000	
3-25	Completion Overhead				\$10,500	
3-26	Trucking				\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit				\$38,071	
3-28	Water Hauling - Fresh				\$654,300	
3-29	SW Disposal- Hauling, Paid Disposal, Poly				\$10,000	
3-30	Slickline Work				\$0	
3-31	Technical Labor				\$5,000	
3-32	Reverse Unit / Power Swivel				\$0	
3-33	Trucking- Kill Truck				\$0	
	Completion Rig / Daywork					
3-34	2.0 days @ \$7,600 / day				\$15,200	
3-36	Anchors				\$1,000	
3-38	Drill bits, Unde-reamers, Etc.				\$0	
3-40	Coiled Tubing Unit				\$0	
3-42	Completion Fluids - Mud, Etc.				\$5,000	
3-44	DH Tool Rental				\$0	
3-46	Fishing Tool Rental				\$0	
3-48	Tubing Testing & Inspection				\$0	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator				\$55,000	
3-52	Well Testing Equipment & Labor				\$5,000	
3-54	Miscellaneous Completion				\$2,667	
3-56	Contingencies Completion 10%				\$335,109	
TOTAL INTANGIBLE COMPLETION COSTS:					\$3,086,204	
TANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **					
4-01	Tubing				\$20,000	
4-02	Packers				\$0	
4-04	Plugs				\$0	
4-06	Blast Joint				\$0	
4-08	Miscellaneous Completion Equipment				\$7,815	
4-09	Environmental Equipment				\$11,667	
4-10	Compression Equipment				\$8,545	
4-12	Dehydration Equipment				\$0	
4-14	Electrical Equipment - Motors, Etc.				\$86,492	
4-15	Automation Equipment				\$5,340	
4-16	Injection / Transfer Pump				\$9,400	
4-18	Meter & Meter Run				\$44,007	
4-20	Salt Water Tanks				\$13,638	
4-22	Production Tanks				\$16,305	
4-24	Separation Equipment				\$55,140	
4-26	Pump				\$175,000	
4-28	Pumping Unit				\$0	
4-30	Rod String				\$0	
4-32	Tubing Head				\$10,000	
4-34	Valves, Gauges and Miscellaneous				\$26,484	
4-38	Artificial Lift and Accessories				\$5,000	
4-40	Flowline				\$21,638	
TOTAL TANGIBLE COMPLETION COSTS:					\$516,471	
TOTAL DRILLING COST				\$1,414,900		
TOTAL COMPLETION COST					\$3,602,675	
TOTAL COMPLETED WELL COST					\$5,017,575	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20



OPERATOR:	Longfellow Energy, LP									
LEASE:	Hendrix State Com 1314 ABX				WELL NO.	004H	FIELD:	Loco Hills		AFE #: 428
LOCATION:	SHL	1,728'	FNL	2,428'	FEL	of	Section	14	17S-28E	PROPOSED TD: 11,800'
	BHL	1,708'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL
OBJECTIVE:	Yeso Formation				Estimated	@	4,300'	ft	TVD	HORIZONTAL
REMARKS:	Loco Hills Project - Eddy County, NM									RE-ENTRY
										WORKOVER
										REVIEWED BY: DM

INTANGIBLE DRILLING COSTS						DRILLING		COMPLETION		SUPPLEMENTAL	
1-00	** IDC - DRILLING **										
1-02	Rig Diesel						\$33,477				
1-03	Rig Rentals						\$22,500				
1-04	Location / Construction						\$34,000				
1-05	Drilling Insurance						\$5,000				
1-06	Permits						\$12,000				
1-07	Title Opinion / Regulatory Fees						\$40,000				
1-08	Survey						\$7,500				
1-10	Right-of-Way						\$10,000				
1-12	Pit Lining / Fences						\$0				
1-14	Trucking						\$17,730				
1-16	Air / Gas Services						\$0				
1-18	Supervision						\$36,000				
1-19	Drilling Overhead						\$25,000				
1-20	Rig Mobilization / Demobilization						\$21,250				
1-22	Bits / Underreamers, Etc.						\$35,000				
1-23	Directional Tools & Supervision						\$93,000				
1-24	Hammer Rental / Supervision						\$0				
1-25	Cement Plug / Squeeze						\$0				
1-26	Drilling Mud & Transportation						\$25,000				
1-27	Mud Diesel						\$0				
1-28	Mud Logging & Geo-steering						\$15,000				
1-29	Mud Remediation						\$45,000				
1-30	Drill String & BHA Rental						\$7,500				
1-31	Coring						\$0				
1-32	Drill Stem Tests						\$0				
	Contract Daywork Drilling										
1-34	16.0 days @ \$13,150 / day						\$210,400				
1-36	Casing Crews, PU & LD						\$15,000				
1-38	Fishing Tool Rentals						\$0				
1-40	Rathole / Mousehole / Conductor						\$18,500				
1-42	Water - Fresh / Brine						\$25,000				
1-43	Waste Water / Mud Disposal						\$5,000				
1-44	Well Control Equipment						\$0				
1-46	Trash Trailer						\$2,000				
1-48	Surface Pipe Cementing						\$15,000				
1-50	Intermediate Pipe Cementing						\$0				
1-51	Contractor Ser. (Roustabout, Testor, etc.)						\$24,063				
1-52	Production Casing Cementing						38,500				
1-56	Open-Hole Logging OH Logs & Core processing						\$0				
1-58	Drilling Contingencies						\$97,560				
1-60	Surface Damages						\$3,750				
1-62	Rotating Head & Expendables						\$2,500				
1-64	Miscellaneous Drilling						\$10,000				
1-66	Welding During Drilling						\$3,500				
1-68	Miscellaneous Equipment Rentals						\$37,500				
1-70	Centralizers & Float Equipment						\$28,500				
TOTAL INTANGIBLE DRILLING COSTS:							\$1,021,730				

TANGIBLE DRILLING COSTS:						DRILLING		COMPLETION		SUPPLEMENTAL	
2-00	** IDC - DRILLING **										
TUBULAR GOODS (Surf., Inter., Prod., Tbg)											
	Size	Grade	Weight	Thread	Length						
2-02	9-5/8"	J-55	36.00	LT&C	+/- 1,250'		\$39,825				
2-04	7"	L-80	32.00	BT&C	+/- 4,100'		\$151,864				
2-06	5-1/2"	L-80	20.00	BT&C	+/-4,100' down to +/-12,791		\$189,481				
DRILLING - SURFACE EQUIPMENT											
2-10	Casinghead(s)						\$12,000				
2-12	Liner Hanger & Packer						\$0				
2-14	Open Hole Packers and Sleeves						\$0				
2-16	Miscellaneous						\$0				
2-18	Flowline & Valves						\$0				
TOTAL TANGIBLE DRILLING COSTS:							\$393,170				



OPERATOR:	Longfellow Energy, LP												
LEASE:	Hendrix State Com 1314 ABX					WELL NO.	004H	FIELD:	Loco Hills		AFE #: 428	DATE:	6/1/2021
LOCATION:	SHL	1,728'	FNL	2,428'	FEL	of	Section	14	17S-28E	PROPOSED TD:	11,800"	ft (MD)	
	BHL	1,708'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL		RE-ENTRY	
OBJECTIVE:	Yeso Formation				Estimated	@	4,300'	ft	TVD	HORIZONTAL	X	WORKOVER	
REMARKS:	Loco Hills Project - Eddy County, NM											REVIEWED BY:	DM

INTANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **					
3-02	Acidizing				\$0	
3-04	Fracturing				\$1,607,200	
3-06	Perforating				\$116,850	
3-08	Cased Hole Logging				\$0	
3-10	CO2 / Boosters				\$0	
3-12	Electrician / Electrical Services				\$18,333	
3-14	Equipment Rentals				\$5,000	
3-15	Rentals- Potties, Lights, Trash Trailers				\$7,500	
3-16	Frac Tank Rentals				\$11,000	
3-18	Restore Location				\$10,000	
3-20	Right - Of - Way				\$6,173	
3-22	Roustabout Crews				\$62,000	
3-23	Cement Plugs/Bridge Plugs				\$53,300	
3-24	Supervision				\$30,000	
3-25	Completion Overhead				\$10,500	
3-26	Trucking				\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit				\$38,071	
3-28	Water Hauling - Fresh				\$654,300	
3-29	SW Disposal- Hauling, Paid Disposal, Poly				\$10,000	
3-30	Slickline Work				\$0	
3-31	Technical Labor				\$5,000	
3-32	Reverse Unit / Power Swivel				\$0	
3-33	Trucking- Kill Truck				\$0	
	Completion Rig / Daywork					
3-34	2.0 days @ \$7,600 / day				\$15,200	
3-36	Anchors				\$1,000	
3-38	Drill bits, Unde-reamers, Etc.				\$0	
3-40	Coiled Tubing Unit				\$0	
3-42	Completion Fluids - Mud, Etc.				\$5,000	
3-44	DH Tool Rental				\$0	
3-46	Fishing Tool Rental				\$0	
3-48	Tubing Testing & Inspection				\$0	
3-50	Press Control Equip Rental- BOPE, Frac Stack, Lubricator				\$55,000	
3-52	Well Testing Equipment & Labor				\$5,000	
3-54	Miscellaneous Completion				\$2,667	
3-56	Contingencies Completion 10%				\$335,109	
TOTAL INTANGIBLE COMPLETION COSTS:					\$3,086,204	
TANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **					
4-01	Tubing				\$20,000	
4-02	Packers				\$0	
4-04	Plugs				\$0	
4-06	Blast Joint				\$0	
4-08	Miscellaneous Completion Equipment				\$7,815	
4-09	Environmental Equipment				\$11,667	
4-10	Compression Equipment				\$8,545	
4-12	Dehydration Equipment				\$0	
4-14	Electrical Equipment - Motors, Etc.				\$86,492	
4-15	Automation Equipment				\$5,340	
4-16	Injection / Transfer Pump				\$9,400	
4-18	Meter & Meter Run				\$44,007	
4-20	Salt Water Tanks				\$13,638	
4-22	Production Tanks				\$16,305	
4-24	Separation Equipment				\$55,140	
4-26	Pump				\$175,000	
4-28	Pumping Unit				\$0	
4-30	Rod String				\$0	
4-32	Tubing Head				\$10,000	
4-34	Valves, Gauges and Miscellaneous				\$26,484	
4-38	Artificial Lift and Accessories				\$5,000	
4-40	Flowline				\$21,638	
TOTAL TANGIBLE COMPLETION COSTS:					\$516,471	
TOTAL DRILLING COST				\$1,414,900		
TOTAL COMPLETION COST					\$3,602,675	
TOTAL COMPLETED WELL COST					\$5,017,575	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20



OPERATOR:	Longfellow Energy, LP											
LEASE:	Hendrix State Com 1314 ABX				WELL NO.	005H	FIELD:	Loco Hills		AFE #: 429	DATE:	6/1/2021
LOCATION:	SHL	1,753'	FNL	2,428'	FEL	of	Section	14	17S-28E	PROPOSED TD:	11,400'	ft (MD)
	BHL	2,161'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL		RE-ENTRY
OBJECTIVE:	Yeso Formation				Estimated	@	3,900'	ft	TVD	HORIZONTAL	X	WORKOVER
REMARKS:	Loco Hills Project - Eddy County, NM										REVIEWED BY:	DM

INTANGIBLE DRILLING COSTS					DRILLING		COMPLETION		SUPPLEMENTAL	
1-00	** IDC - DRILLING **									
1-02	Rig Diesel					\$33,477				
1-03	Rig Rentals					\$22,500				
1-04	Location / Construction					\$34,000				
1-05	Drilling Insurance					\$5,000				
1-06	Permits					\$12,000				
1-07	Title Opinion / Regulatory Fees					\$40,000				
1-08	Survey					\$7,500				
1-10	Right-of-Way					\$10,000				
1-12	Pit Lining / Fences					\$0				
1-14	Trucking					\$17,730				
1-16	Air / Gas Services					\$0				
1-18	Supervision					\$36,000				
1-19	Drilling Overhead					\$25,000				
1-20	Rig Mobilization / Demobilization					\$21,250				
1-22	Bits / Underreamers, Etc.					\$35,000				
1-23	Directional Tools & Supervision					\$93,000				
1-24	Hammer Rental / Supervision					\$0				
1-25	Cement Plug / Squeeze					\$0				
1-26	Drilling Mud & Transportation					\$25,000				
1-27	Mud Diesel					\$0				
1-28	Mud Logging & Geo-steering					\$15,000				
1-29	Mud Remediation					\$45,000				
1-30	Drill String & BHA Rental					\$7,500				
1-31	Coring					\$0				
1-32	Drill Stem Tests					\$0				
	Contract Daywork Drilling									
1-34	16.0 days @ \$13,150 / day					\$210,400				
1-36	Casing Crews, PU & LD					\$15,000				
1-38	Fishing Tool Rentals					\$0				
1-40	Rathole / Mousehole / Conductor					\$18,500				
1-42	Water - Fresh / Brine					\$25,000				
1-43	Waste Water / Mud Disposal					\$5,000				
1-44	Well Control Equipment					\$0				
1-46	Trash Trailer					\$2,000				
1-48	Surface Pipe Cementing					\$15,000				
1-50	Intermediate Pipe Cementing					\$0				
1-51	Contractor Ser. (Roustabout, Testor, etc.)					\$24,063				
1-52	Production Casing Cementing					38,500				
1-56	Open-Hole Logging OH Logs & Core processing					\$0				
1-58	Drilling Contingencies					\$97,560				
1-60	Surface Damages					\$3,750				
1-62	Rotating Head & Expendables					\$2,500				
1-64	Miscellaneous Drilling					\$10,000				
1-66	Welding During Drilling					\$3,500				
1-68	Miscellaneous Equipment Rentals					\$37,500				
1-70	Centralizers & Float Equipment					\$28,500				
TOTAL INTANGIBLE DRILLING COSTS:						\$1,021,730				

TANGIBLE DRILLING COSTS:					DRILLING		COMPLETION		SUPPLEMENTAL	
2-00	** IDC - DRILLING **									
TUBULAR GOODS (Surf., Inter., Prod., Tbg)										
	Size	Grade	Weight	Thread Length						
2-02	9-5/8"	J-55	36.00	LT&C +/- 1,250'		\$39,825				
2-04	7"	L-80	32.00	BT&C +/- 4,100'		\$151,864				
2-06	5-1/2"	L-80	20.00	BT&C +/-4,100' down to +/-12,791		\$189,481				
DRILLING - SURFACE EQUIPMENT										
2-10	Casinghead(s)					\$12,000				
2-12	Liner Hanger & Packer					\$0				
2-14	Open Hole Packers and Sleeves					\$0				
2-16	Miscellaneous					\$0				
2-18	Flowline & Valves					\$0				
TOTAL TANGIBLE DRILLING COSTS:						\$393,170				



OPERATOR:	Longfellow Energy, LP												
LEASE:	Hendrix State Com 1314 ABX					WELL NO.	005H	FIELD:	Loco Hills		AFE #: 429	DATE:	6/1/2021
LOCATION:	SHL	1,753'	FNL	2,428'	FEL	of	Section	14	17S-28E	PROPOSED TD:	11,400'	ft (MD)	
	BHL	2,161'	FNL	20'	FEL	of	Section	13	17S-28E	VERTICAL		RE-ENTRY	
OBJECTIVE:	Yeso Formation				Estimated	@	3,900'	ft	TVD	HORIZONTAL	X	WORKOVER	
REMARKS:	Loco Hills Project - Eddy County, NM										REVIEWED BY:	DM	

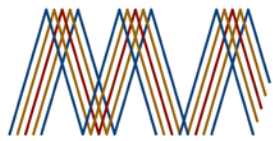
INTANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
3-00	** IDC - COMPLETION **					
3-02	Acidizing				\$0	
3-04	Fracturing				\$1,607,200	
3-06	Perforating				\$116,850	
3-08	Cased Hole Logging				\$0	
3-10	CO2 / Boosters				\$0	
3-12	Electrician / Electrical Services				\$18,333	
3-14	Equipment Rentals				\$5,000	
3-15	Rentals- Potties, Lights, Trash Trailers				\$7,500	
3-16	Frac Tank Rentals				\$11,000	
3-18	Restore Location				\$10,000	
3-20	Right - Of - Way				\$6,173	
3-22	Roustabout Crews				\$62,000	
3-23	Cement Plugs/Bridge Plugs				\$53,300	
3-24	Supervision				\$30,000	
3-25	Completion Overhead				\$10,500	
3-26	Trucking				\$22,000	
3-27	Water Transfer- 10", Poly, Fill Pit				\$38,071	
3-28	Water Hauling - Fresh				\$654,300	
3-29	SW Disposal- Hauling, Paid Disposal, Poly				\$10,000	
3-30	Slickline Work				\$0	
3-31	Technical Labor				\$5,000	
3-32	Reverse Unit / Power Swivel				\$0	
3-33	Trucking- Kill Truck				\$0	
3-34	Completion Rig / Daywork					
3-36	2.0 days @ \$7,600 / day				\$15,200	
3-38	Anchors				\$1,000	
3-40	Drill bits, Unde-reamers, Etc.				\$0	
3-42	Coiled Tubing Unit				\$0	
3-44	Completion Fluids - Mud, Etc.				\$5,000	
3-46	DH Tool Rental				\$0	
3-48	Fishing Tool Rental				\$0	
3-50	Tubing Testing & Inspection				\$0	
3-52	Press Control Equip Rental- BOPE, Frac Stack, Lubricator				\$55,000	
3-54	Well Testing Equipment & Labor				\$5,000	
3-56	Miscellaneous Completion				\$2,667	
3-57	Contingencies Completion 10%				\$335,109	
TOTAL INTANGIBLE COMPLETION COSTS:					\$3,086,204	
TANGIBLE COMPLETION COSTS:				DRILLING	COMPLETION	SUPPLEMENTAL
4-00	** IDC - COMPLETION **					
4-01	Tubing				\$20,000	
4-02	Packers				\$0	
4-04	Plugs				\$0	
4-06	Blast Joint				\$0	
4-08	Miscellaneous Completion Equipment				\$7,815	
4-09	Environmental Equipment				\$11,667	
4-10	Compression Equipment				\$8,545	
4-12	Dehydration Equipment				\$0	
4-14	Electrical Equipment - Motors, Etc.				\$86,492	
4-15	Automation Equipment				\$5,340	
4-16	Injection / Transfer Pump				\$9,400	
4-18	Meter & Meter Run				\$44,007	
4-20	Salt Water Tanks				\$13,638	
4-22	Production Tanks				\$16,305	
4-24	Separation Equipment				\$55,140	
4-26	Pump				\$175,000	
4-28	Pumping Unit				\$0	
4-30	Rod String				\$0	
4-32	Tubing Head				\$10,000	
4-34	Valves, Gauges and Miscellaneous				\$26,484	
4-38	Artificial Lift and Accessories				\$5,000	
4-40	Flowline				\$21,638	
TOTAL TANGIBLE COMPLETION COSTS:					\$516,471	
TOTAL DRILLING COST				\$1,414,900		
TOTAL COMPLETION COST					\$3,602,675	
TOTAL COMPLETED WELL COST					\$5,017,575	

Approved by: _____

Company: _____

Title: _____

Signed this _____ Day of _____ 20



**MONTGOMERY
& ANDREWS**
LAW FIRM

SHARON T. SHAHEEN
Direct: (505) 986-2678
Email: sshaheen@montand.com
www.montand.com

Longfellow Energy, LP
NMOCD Case No. 21651
June 17, 2021

February 1, 2021

Via U.S. Certified Mail, return receipt requested

TO: ALL INTEREST OWNERS ON ATTACHED LIST

**Re: Case No. 21651 – Application of Longfellow Energy, LP for
Compulsory Pooling, Eddy County, New Mexico**

Dear Interest Owner:

This will advise that pursuant to NMSA 1978, § 70-2-17, Longfellow Energy, LP (“Longfellow”) has filed an application with the New Mexico Oil Conservation Division for an order pooling all uncommitted interests in the proposed wells described below. You are receiving this notice because you may have an interest in one or more of these wells.

Case No. 21651. Application of Longfellow Energy, LP for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted interests in the Yeso formation (Empire; Glorieta-Yeso [96210]) in a standard 480-acre, more or less, horizontal spacing and proration unit (“HSU”) comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, in Eddy County, New Mexico. Applicant proposes to drill the following wells: (1) Hendrix State Com 1314 ABX 001H well, to be horizontally drilled from an approximate surface hole location 361’ FNL and 2400’ FEL of Section 14, T17S-R28E, to an approximate bottom hole location 347’ FNL and 20’ FEL of Section 13, T17S-R28E; (2) Hendrix State Com 1314 ABX 002H well, to be horizontally drilled from an approximate surface hole location 386’ FNL and 2400’ FEL of Section 14, T17S-R28E, to an approximate bottom hole location 800’ FNL and 20’ FEL of Section 13, T17S-R28E; (3) Hendrix State Com 1314 ABX 003H well, to be horizontally drilled from an approximate surface hole location 1703’ FNL and 2428’ FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1254’ FNL and 20’ FEL of Section 13, T17S-R28E; (4) Hendrix State Com 1314 ABX 004H well, to be horizontally drilled from an approximate surface hole location 1728’ FNL and 2428’ FEL of Section

All Interest Owners
February 1, 2021
Page 2

14, T17S-R28E, to an approximate bottom hole location 1708' FNL and 20' FEL of Section 13, T17S-R28E; and (5) Hendrix State Com 1314 ABX 005H well, to be horizontally drilled from an approximate surface hole location 1753' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 2161' FNL and 20' FEL of Section 13, T17S-R28E. The completed intervals and first and last take points for these wells will meet statewide setback requirements for horizontal wells. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant as Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 9 miles west of Loco Hills, New Mexico.

The attached application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division. During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on **March 4, 2021** beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <http://www.emnrd.state.nm.us/OCD/hearings.html>. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony.

Failure to appear at that time and become a party of record will preclude you from challenging these applications at a later time. If you intend to present testimony or evidence at the hearing, you must enter your appearance by **February 24, 2020** and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by **February 25, 2021**, in accordance with Division Rule 19.15.4.13 NMAC.

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

Very truly yours,

/s/ Sharon T. Shaheen
Sharon T. Shaheen

STS/lt
Enclosure
cc: Longfellow Energy, LP, *via email*

EXHIBIT A

INTEREST OWNERS

Working Interest Owners:

SEP Permian, LLC
9655 Katy Freeway
Suite 500
Houston, TX 77024

Way West Oil Co.
P.O. Box 1647
Longview, TX 75606-1647

The Bright Company, LLC
6341 Balmy Ln.
Zephyrhills, FL 33542

Yates Energy Corporation
P.O. Box 2323
Roswell, NM 88202-2323

Murchison Oil & Gas, Inc.
7250 Dallas Pkwy, #1400
Plano, TX 75024

Apache Corp.
2000 Post Oak Blvd.
Suite 100
Houston, TX 77056-4400

American Standard Energy Co.
400 W. Illinois St.
Suite 950
Midland, TX 79701

Chisos, Ltd.
1331 Lamar St.
Suite 1077
Houston, TX 77010

G.P.C. Oil and Gas Corp.
P.O. Box 50638
Midland, TX 79710-0638

Overriding Royalty Interest Owners:

Abuelo, LLC
P.O. Box 772
Artesia, NM 88211

Corbett Petroleum
P.O. Box 11644
Spring, TX 77391-1644

Ergodic Resources, LLC
P.O. Box 2021
Roswell, NM 88202

Explorers Petroleum Corp.
P.O. Box 1933
Roswell, NM 88202

Fasken Land and Minerals, Ltd.
6101 Holiday Hill Road
Midland, TX 79707

Loco Hills Production Comp, LLC
P.O. Box 779
Artesia, NM 88211

Mark E. Boling Rev Trust
8210 Louisiana Blvd., NE
Suite B
Albuquerque, NM 87113

Mark Wilson Family Partnership
P.O. Box 2415
Midland, TX 79702-2415

MRC Delaware Resources, LLC
5400 LBJ Fwy. #1500
Dallas, TX 75240

Silverhair, LLC
1301 Lewis Rd.
Artesia, NM 88210

Spiral, Inc.
P.O. Box 1933
Roswell, NM 88202

Additional Party(ies):

State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

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

**APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21651

APPLICATION

Longfellow Energy, LP (“Longfellow”), through its undersigned counsel Montgomery & Andrews, P.A. (Sharon T. Shaheen and John F. McIntyre), 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 (Empire; Glorieta-Yeso [96210]) in a standard 480-acre, more or less, horizontal spacing and proration unit (“HSU”) comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, 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 proposes to drill the following 1.5-mile wells in the proposed HSU:
 - **Hendrix State Com 1314 ABX 001H** well, to be horizontally drilled from an approximate surface hole location 361’ FNL and 2400’ FEL of Section 14, T17S-R28E, to an approximate bottom hole location 347’ FNL and 20’ FEL of Section 13, T17S-R28E.
 - **Hendrix State Com 1314 ABX 002H** well, to be horizontally drilled from an approximate surface hole location 386’ FNL and 2400’ FEL of Section 14, T17S-

R28E, to an approximate bottom hole location 800' FNL and 20' FEL of Section 13, T17S-R28E.

- **Hendrix State Com 1314 ABX 003H** well, to be horizontally drilled from an approximate surface hole location 1703' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1254' FNL and 20' FEL of Section 13, T17S-R28E.
- **Hendrix State Com 1314 ABX 004H** well, to be horizontally drilled from an approximate surface hole location 1728' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1708' FNL and 20' FEL of Section 13, T17S-R28E.
- **Hendrix State Com 1314 ABX 005H** well, to be horizontally drilled from an approximate surface hole location 1753' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 2161' FNL and 20' FEL of Section 13, T17S-R28E.

3. The completed intervals and first and last take points will meet the setback requirements set forth in the statewide rules for horizontal oil wells.

4. 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.

5. Approval of the 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.

6. 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 March 4, 2021, and that, after notice and hearing as required by law, the Division enter an order:

A. Creating a standard 480-acre, more or less, HSU comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, in Eddy County, New Mexico;

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

C. Allowing the drilling of the following 1.5-mile wells in the HSU: (1) Hendrix State Com 1314 ABX 001H, (2) Hendrix State Com 1314 ABX 002H, (3) Hendrix State Com 1314 ABX 003H, (4) Hendrix State Com 1314 ABX 004H, and (5) Hendrix State Com 1314 ABX 005H.

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 \$8,000/month and, after completion, \$800/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 wells against any interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

MONTGOMERY & ANDREWS, P.A.

/s/ Sharon T. Shaheen

Sharon T. Shaheen

John F. McIntyre

Post Office Box 2307

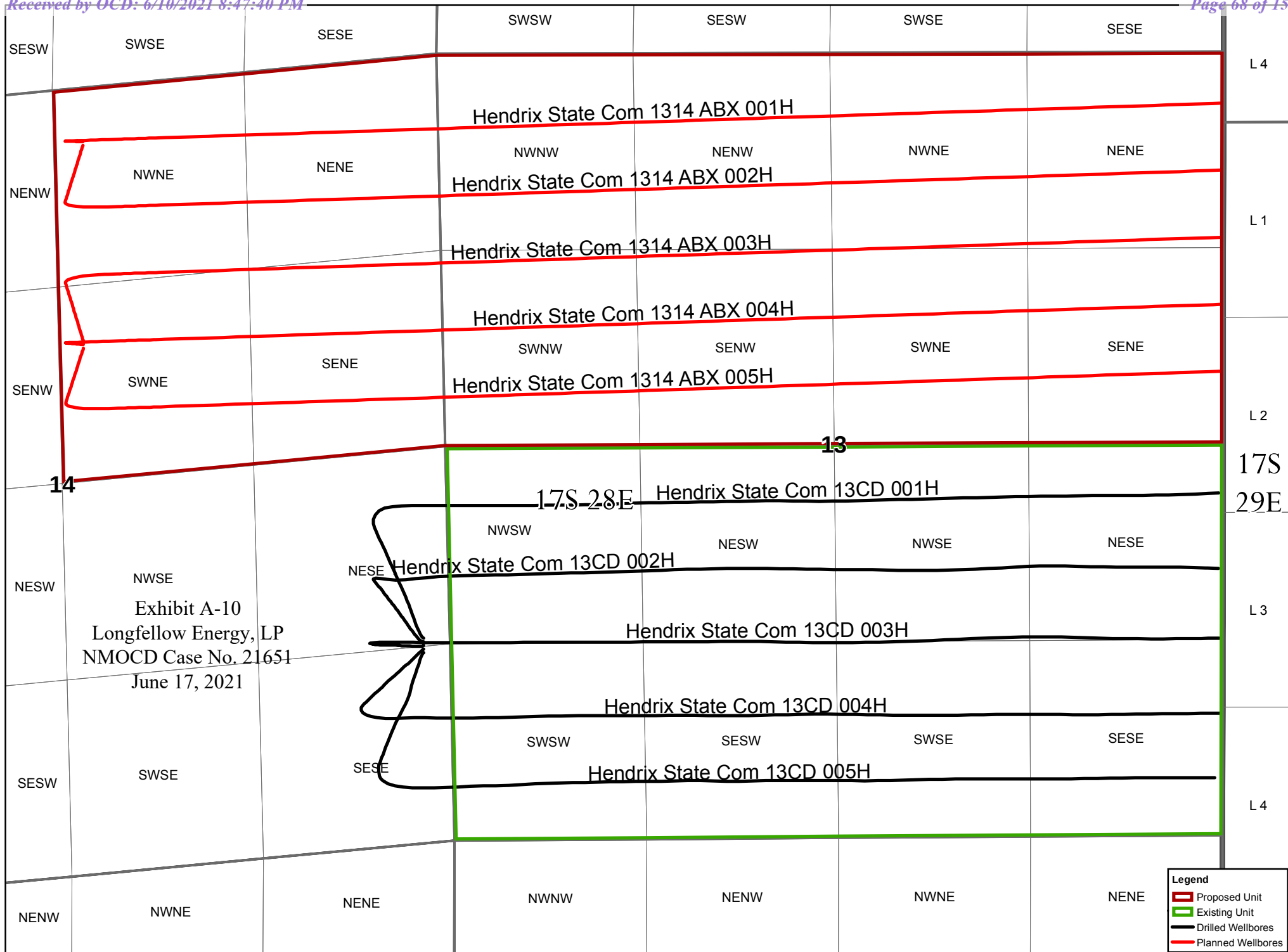
Santa Fe, NM 87504-2307

(505) 986-2678

sshaheen@montand.com

jmcintyre@montand.com

Attorneys for Longfellow Energy, LP



Tab 5

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

**APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21651

**APPLICATION OF SPUR ENERGY PARTNERS, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21733

DIRECT TESTIMONY OF GEOLOGIST JENNIFER EKER

I, being duly sworn on oath, state the following:

1. I am over the age of 18 and have the capacity to execute this Narrative of Direct Testimony, which is based on my personal knowledge.
2. I am a petroleum geologist employed as the Geologist for Longfellow Energy, LP (“Longfellow”) and am familiar with the subject application and geology involved.
3. This testimony is submitted in connection with the filing by Longfellow 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 geology matters. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record previously. My education and work experience are as follows: I graduated from the University of Oklahoma in 2010 with a Bachelor of Science degree in Petroleum Geology and graduated from the University of Texas at Dallas with a Masters of Science degree in Geosciences in 2014. I have been employed with Longfellow Energy, LP in their geology department since 2007. I have worked as a Geologist on various

projects in Oklahoma and Texas and recently New Mexico. In addition to my experience working projects in the United States, I also have experience working carbonate projects in Albania and Bulgaria through our affiliated international company, TransAtlantic Petroleum.

5. **Exhibit B-1a and Exhibit B-1b** include a geological overview for the proposed horizontal spacing unit (“HSU”) and related wells.

6. **Exhibit B-2** is a regional Yeso structure map with 50’ contour intervals, which illustrates the location of the HSU by a red outline.

7. **Exhibit B-3** is a Spacing Unit Schematic showing the Yeso structure with 50’ contour intervals, which illustrates the location of the HSU by a red outline, the approximate locations of the proposed wells, and whether the wells are considered bench 1 “Paddock” or bench 2 “Blinebry”.

8. **Exhibit B-4** is a type log of the production portion of the Yeso formation on the Northwest Shelf and further defines bench 1 “Paddock” and bench 2 “Blinebry” within the Yeso formation. This type log identifies the key tops used to evaluate reservoirs and landing targets for the proposed wells.

9. **Exhibit B-5** is a Yeso structural cross section map with 50’ contour intervals with the location of the HSU outlined in red, the approximate locations of the proposed wells, and whether the wells are considered bench 1 “Paddock” or bench 2 “Blinebry”.

10. **Exhibit B-6** is the structural cross section and indicates that these wells are being placed in a zone that has an estimated gross interval thickness of 1,500’. This gross thickness is being calculated from the top of the Paddock to the top of the Tubb within the Yeso formation.

11. **Exhibit B-7** 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.

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

	MD	TVD
Hendrix State Com 1314 ABX 001H	11,400'	3,900'
Hendrix State Com 1314 ABX 002H	11,800'	4,300'
Hendrix State Com 1314 ABX 003H	11,400'	3,900'
Hendrix State Com 1314 ABX 004H	11,800'	4,300'
Hendrix State Com 1314 ABX 005H	11,400'	3,900'

13. The true vertical landing depth of the target formation is approximately 3,900' for the bench 1 "Paddock" wells (001H, 003H, 005H), and approximately 4,300' for the bench 2 "Blinbry" wells (002H, 004H) based on the structural cross section, Exhibit B-6.

14. 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 HSU will contribute more or less equally to production.
- d. There is no known and generally accepted preferential drilling orientation based on present-day stress regime or other geological factors. The vast majority of existing NW Shelf Yeso horizontal wells are oriented W-E, so an established trend is present. This orientation also fits our lease boundaries and is consistent with our adjacent Hendrix State Com 13 CD wells. Therefore, the preferred well orientation does not strand any acreage or reserves.

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

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

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

FURTHER AFFIANT SAYETH NAUGHT.

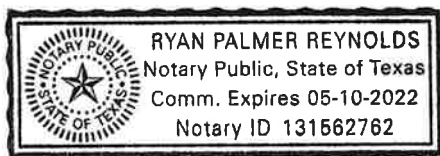

Jennifer Eker

STATE OF TEXAS)
)ss
COUNTY OF DALLAS)

Subscribed to and sworn before me this 10th day of June, 2021.


Notary Public

My Commission expires 5/10/2022.



Jennifer Eker

8115 Preston Rd. Ste. 800, Dallas, TX, 75225 I 405.514.5377 I Jennifer.eker@longfellowenergy.com

PROFESSIONAL EXPERIENCE

Geologist, Longfellow Energy, LP
Dallas, TX

April 2021- Current

- Plan and monitor all well operations in Loco Hills project in Eddy County, NM
- Reservoir mapping and petrophysical evaluation of Yeso Formation and surrounding formations
- Evaluate geologic potential of company's current or future projects

Geologist, Longfellow Energy, LP
Dallas, TX

August 2010 – April 2020

- Successfully helped with drilling over 100 horizontal Mississippian Lime and Woodford horizontal wells in the STACK Play, Oklahoma
- Responsible for well planning and monitoring of well operations including cutting sampling, geosteering monitoring, and any electric well logging
- Planning, acquisition, and data analysis of multiple coring operations in Oklahoma
- Reservoir mapping and petrophysical evaluation of multiple carbonate and sand formations in Oklahoma and Texas
- Evaluation of uphole behind pipe potential of current company's assets or potential projects in Oklahoma and Texas
- Planning and monitoring of exploratory vertical Triassic dolomite drilling program in Dorentci, Bulgaria
- Asset evaluation of Cretaceous limestone in Albania

Geological Technician, Longfellow Energy, LP
Oklahoma City, OK

January 2007 – July 2010

- Assisting multiple geologists with their daily needs while being mentored by Chief Geologist
- Developing multiple drilling locations in shallow tight oil sands project in SE Oklahoma
- Mastered technical skills in Petra and Geographix geological software

EDUCATION

University of Texas at Dallas
Masters of Science in Geosciences

August 2014

University of Oklahoma, Mewbourne College of Earth and Energy
Bachelors of Science in Petroleum Geolog

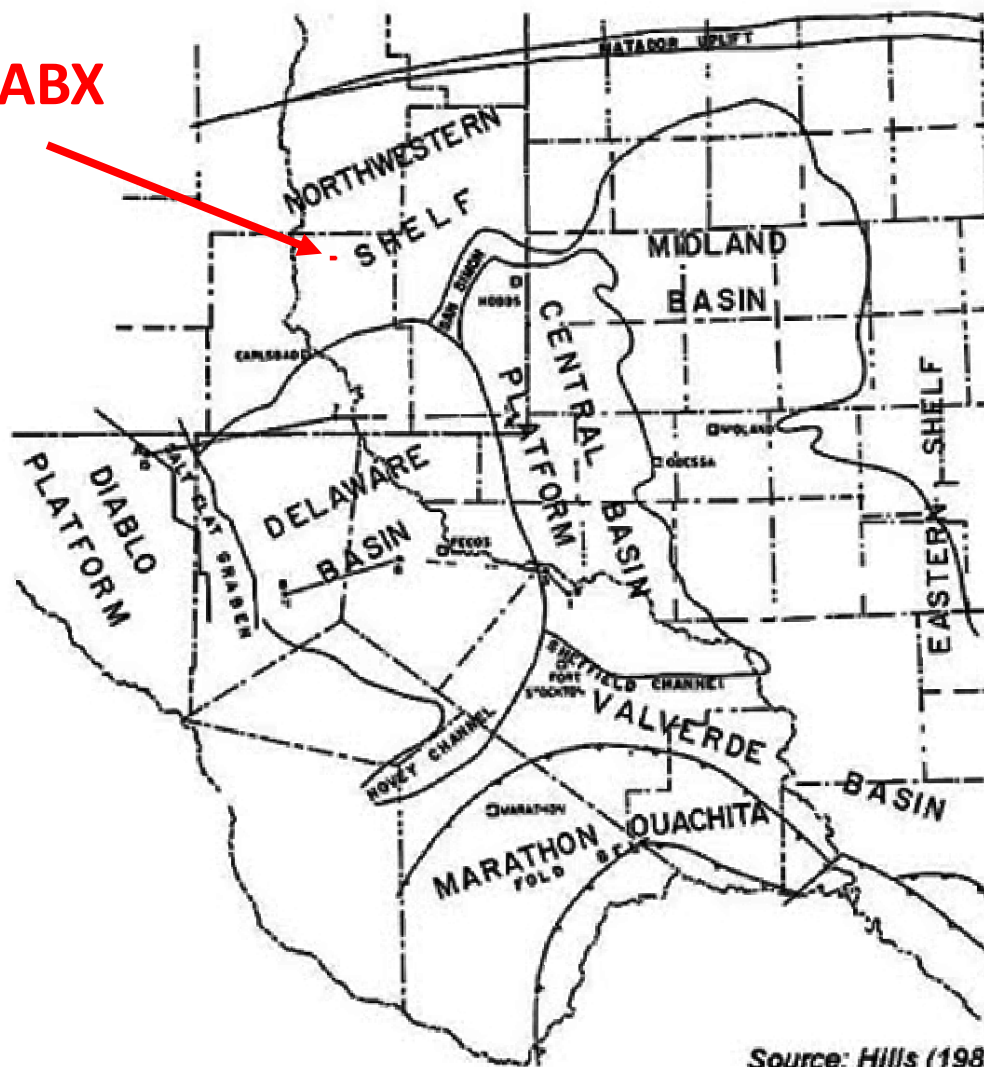
May 2010

Tab 6

Regional View of the NW Shelf

Paleogeography of Permian Basin region in Early Permian

**Hendrix ABX
HSU**



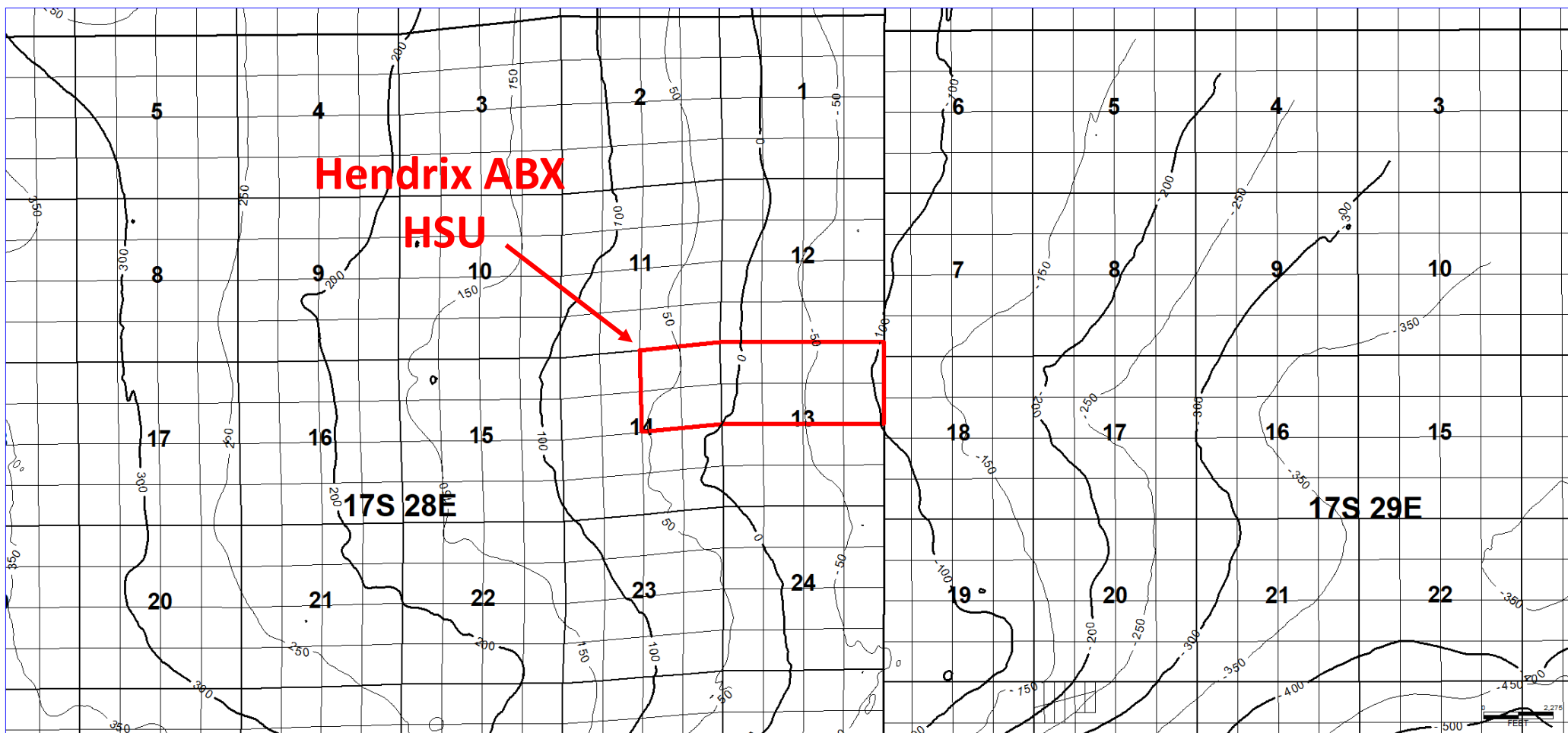
Source: Hills (1984)

NW Shelf Stratigraphic Column

Age		Unit Name	HC's
Permian 289-248 MYA	Ochoan	Rustler	
		Salado	
	Eumont	Tansill	
		Yates	● ☀
		Seven Rivers	● ☀
		Queen	● ☀
		Grayburg	●
		San Andres	●
	Guadalupian	Glorieta	●
		Paddock	●
	Yesa	Blinberry	■ ☀
		Tubb	● ☀
		Drinkard	● ☀
		Abo	■ ☀
	Leonardian	Wolfcamp	
Pennsylvanian 320-289 MYA	Wolfcampian	Strawn	●
		Atoka	■ ☀
		Morrow	☀

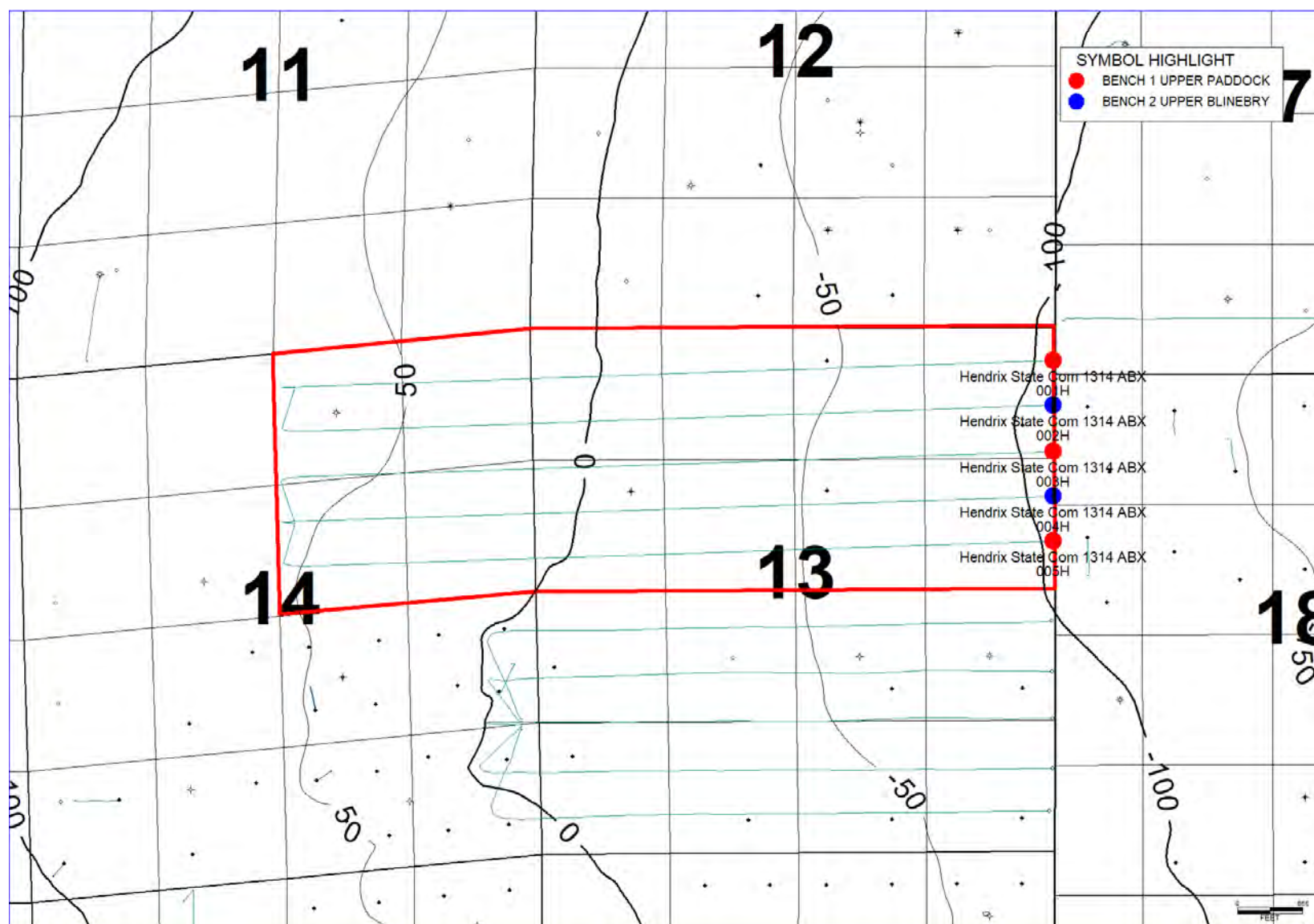
Targeted Zones

Paddock Structure (TVDSS)



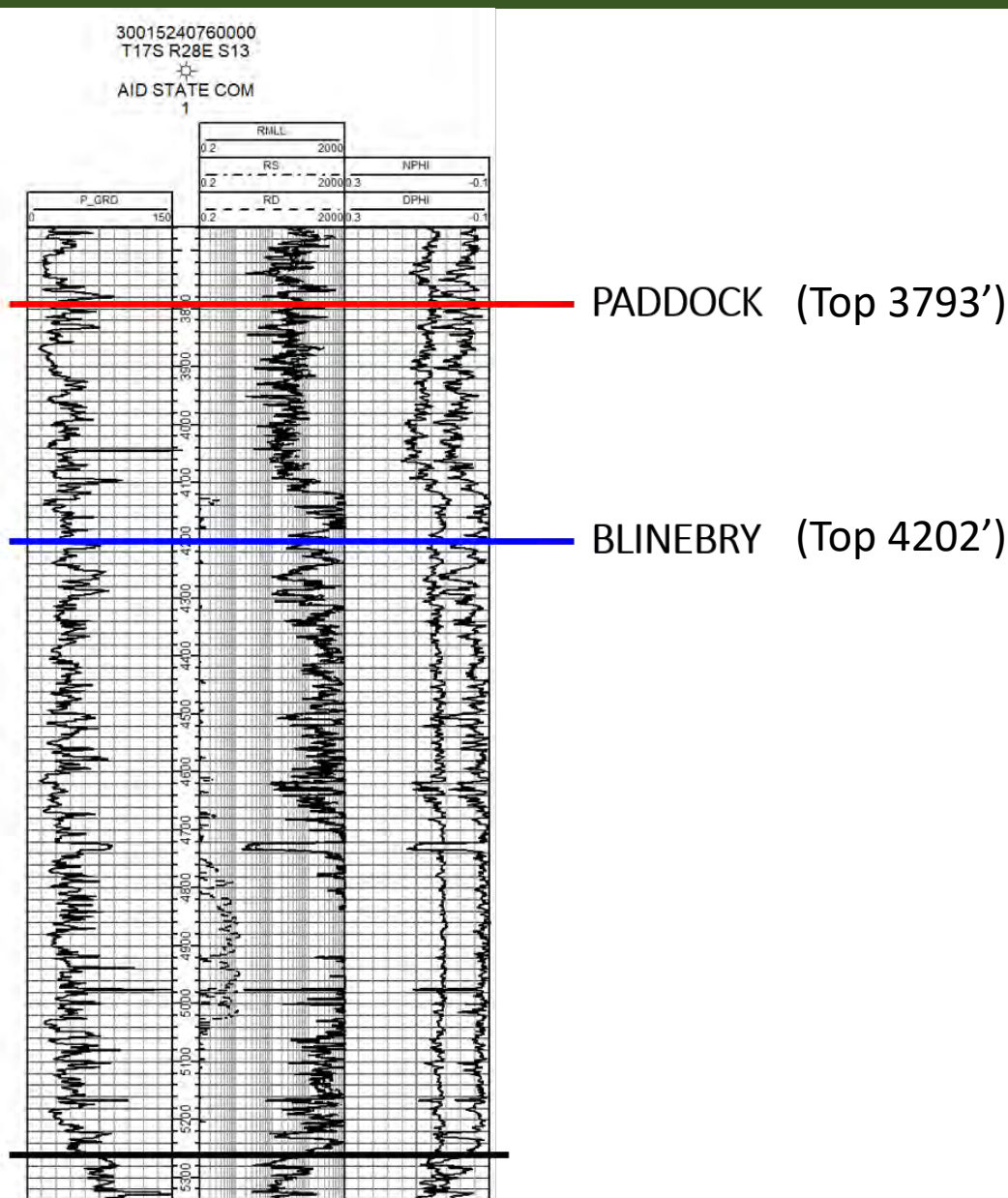
50' Contour Interval

Paddock Structure (TVDSS)

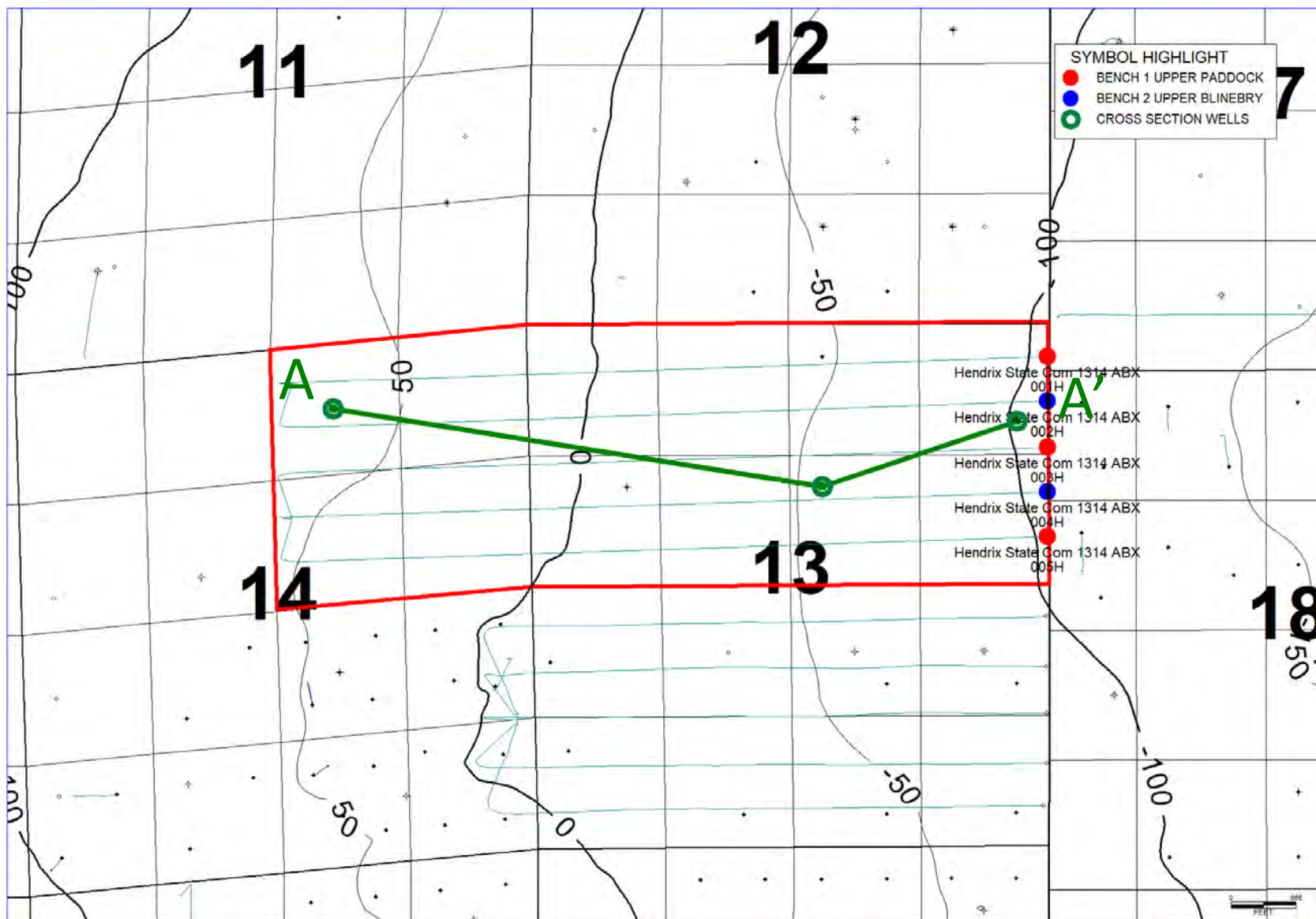


50' Contour Interval

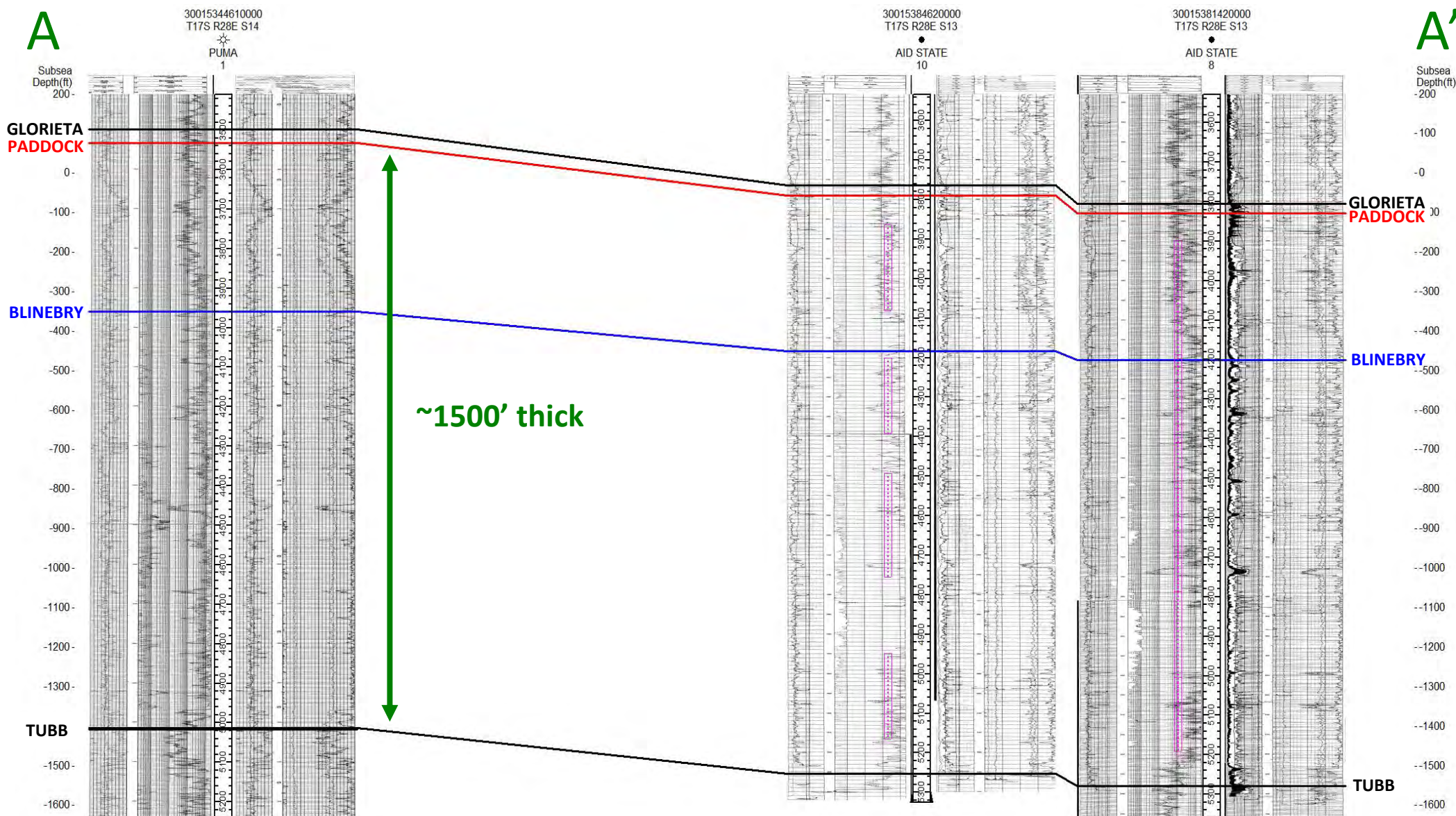
NW Shelf Yeso Type Log with Target Intervals



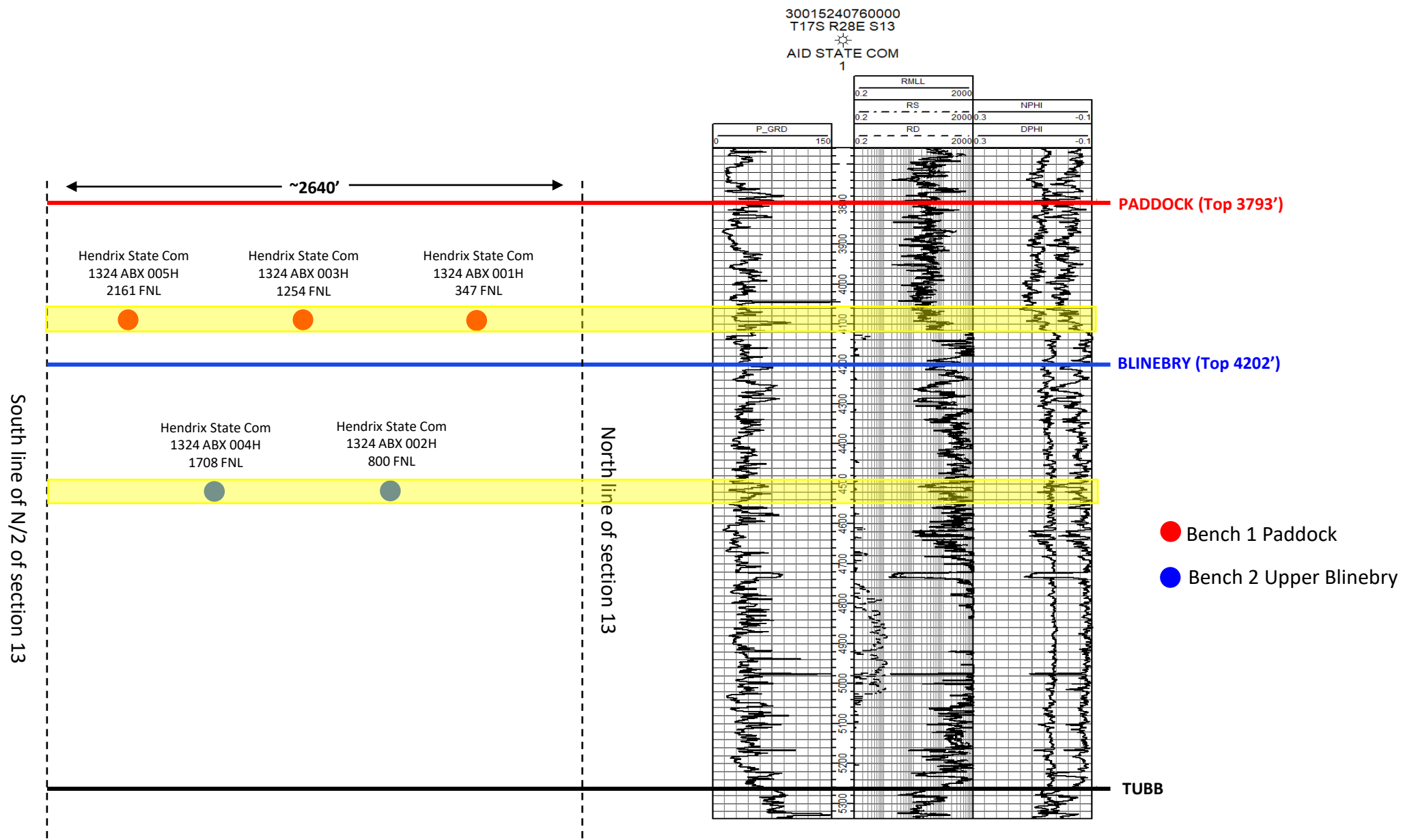
Hendrix ABX Cross Section Line



Hendrix ABX Structural Cross Section



Hendrix ABX Gun Barrel Diagram and Landing Zone



Tab 7

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

**APPLICATION OF LONGFELLOW ENERGY, LP
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21651

**APPLICATION OF SPUR ENERGY PARTNERS, LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

Case No. 21733

DIRECT TESTIMONY OF ENGINEER DAVID MITCHELL

I, being duly sworn on oath, state the following: I am over the age of 18 and have the capacity to execute this Narrative of Direct Testimony, which is based on my personal knowledge.

1. I am a petroleum engineer employed as VP Engineering with Longfellow Energy, LP (“Longfellow”), and I am familiar with the subject application and the lands involved.

2. This testimony is submitted in connection with the filing by Longfellow of the above-referenced compulsory pooling application (the “Application”) pursuant to 19.15.4.12(A)(1) NMAC.

3. I have not previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum engineering matters. My education and work experience are as follows:

I obtained a BASC (Engineering) from The University of British Columbia (Canada) in 2007.

I have been working in the oil and gas industry since 2005 in various engineering capacities.

I have been working for Longfellow as VP Engineering since 2015.

I have been working on New Mexico oil and gas matters for approximately 4 years.

4. From an engineering perspective, Longfellow's development plan is superior to the competing proposal of Spur Energy Partners, LLC ("Spur) for the following reasons:

- Longfellow owns and operates all producing wells within the development unit in question, four of which are producing from the Yeso formation which is the target formation for the horizontal wells being proposed. Longfellow has both active knowledge of the reservoir in this section, as well as can take steps to actively manage the vertical producing wells to minimize damage and maximize drainage of the development unit.
- Longfellow owns and operates 5 producing horizontal wells in an HSU immediately adjacent to the Hendrix ABX HSU being contested. The landing zones and inter-well lateral spacing of the wells have been designed to both maximize the recovery of oil and gas from the proposed HSU and to simultaneously minimize any negative impact on Longfellow's horizontal wells in the adjacent HSU.
- Longfellow owns and operates significant infrastructure in the immediate area which will facilitate the efficient development, including a 2-million barrel capacity produced water storage impoundment, a produced water recycling facility, and an existing water pipeline system connected to an existing salt water disposal well. Longfellow also has 17 approved horizontal drilling permits in the immediate area, 14 of which are adjacent or within 1-2 miles of the proposed HSU.

- o List of 17 Approved Permits: 30-015-48331, 30-015-48304, 30-015-48303, 30-015-48142, 30-015-48183, 30-015-48184, 30-015-48309, 30-015-48311, 30-015-48330, 30-015-48329, 30-015-48328, 30-015-48327, 30-015-48326, 30-015-48301, 30-015-48300, 30-015-48302, 30-015-48308
- Longfellow's 2MMBbl Produced Water Recycling and Storage facility is designed and sized to recycle 100% of Longfellow's produced water for reuse during fracture stimulation from its proposed wells. Longfellow plans to utilize 100% of its produced water in the drilling and completions of future wells until the end of its development plan. This will significantly reduce or eliminate both the sourcing of fresh water and the disposal of produced water for the next 5+ years.
- Longfellow has surveyed and contracted for 2 surface drilling locations (pads) within the Hendrix ABX unit. Both locations are on high ground adjacent to the west edge of the unit. Both locations have been surveyed and are construction ready.
- Spur's surface location is located in a low spot within an existing natural drainage area. High volumes of seasonal rain causes flooding in this area, and the location of this pad is highly susceptible to flooding. Flooding on a producing pad can create significant operational issues and lead to added cost. The wells in the proposal are planned to use ESP (electrical submersible pumps) which require large amounts of electricity for their usage. The surface equipment associated with these pumps could be severely if not irreparably damaged during a flooding event, at significant repair or replacement cost.

- Longfellow participated as a working interest owner in a 3-well pad operated by Spur in 2021, the Welch 28A unit. Significant gas flaring has occurred since these wells came on-stream which has resulted in a significant amount of waste, both economic and environmental. To date, the Welch 28A unit has flared an estimated 65 MMCF of natural gas. Using Longfellow's operated wells in the immediate area which produce from the same formations as an analogue, the average realized gas price is ~\$2.67/MCF. This equates to ~\$174,646 of lost revenue associated with the flared gas. A significant amount of lost revenue to all parties involved in the unit. Additionally, the CO2 emissions associated with this volume of flared gas is ~3,600 metric tons.
- Longfellow's operations are designed and structured around minimizing flaring. Our sites are equipped with gas pipelines constructed well in advance of completions operations. This allows us to flowback into pipelines and eliminate flaring. Additionally, our sites are equipped with vapor recovery units on our tanks which captures tank flash gas and compresses it back into the pipelines. As an example, on the Hendrix CD unit immediately to the south of the Proposed Hendrix ABX unit, the pipeline was on-stream prior to the wells coming on, as opposed to a flaring period of ~58 days on the Spur Welch 28A unit. This practice both increases revenue for all working interest owners within the unit, reduces water, and operates consistent with the environmental priorities of the State of New Mexico. At the time of writing this testimony (06.09.21), Spur continues to flare gas at the Welch 28A unit.

- Spur's surface location contains several complications. Firstly, 4 of the 6 wells have issues with their surface hole locations. The Aid North 50H shares the same surface hole location as the Aid North 12H, and the Aid North 10H shares the same surface hole location as the Aid North 51H. Additionally, the Spur surface hole locations are located ~1,000' east of the section boundary, meaning that Spur will have to execute a large back-build (slant section in the opposite direction of the lateral) in order to maximize the drilled lateral length. This adds cost and complexity to the drilling operation, and can lead to complications during completions and long-term added costs for artificial lift. It is difficult to determine if the added costs associated with back-building are contemplated in the AFE. If Spur opted not to execute a back-build of ~900' then a significant portion of the reservoir would not be developable, resulting in waste.
- Longfellow's development plan for the Hendrix ABX Unit is to drill 5 horizontal wells within 2 members of the Yeso formation. 3 wells will be landed in the Paddock member and 2 wells will be landed in the Upper Blinberry member (approximately 400' deeper than the Paddock landing zone). These wells will be spaced at ~900' apart from each other stratigraphically (side by side in the same zone), with the lower bench being offset by ~450' from the upper bench. This "wine-rack" approach to well spacing is considered best-practice to maximize oil recovery from a volume of rock because it reduces the chances for vertical communication between wells of different benches. The well spacing of the proposed Hendrix ABX HSU is consistent with the landing and spacing of the Longfellow operated Hendrix CD HSU. This is done to maximize the recovery of

oil and gas from both HSU's, while minimizing the potential negative effects of frac hits, well interference (hydraulic communication), and competitive drainage.

- Longfellow has designed its well spacing to be consistent with its fracture stimulation, which is approximately 50% larger than the fracture stimulation as proposed by Spur. This creates a larger frac which is capable of draining a larger stimulated rock volume. Longfellow has done extensive frac modelling to estimate the size and geometric shape of various stimulations in this formation, and has depicted the geometries of the fracture drainage length and heights which show both an effective stimulated rock volume of the Paddock and Upper Blinebry intervals of the Yeso reservoir, and minimal interference effects.
- Spur's development plan for the Aid North Unit (Longfellow's Hendrix ABX) is to drill 6 horizontal wells within 3 members of the Yeso formation. 3 in the Paddock, 2 in the Upper Blinebry (approximately 400' deeper than the Paddock landing zone), and 1 in the Middle Blinebry (approximately 200' deeper than the Upper Blinebry landing zone). The well spacing of these wells by bench varies somewhat, but can be described as ~900' spacing in the Paddock, ~1800' in the Upper Blinebry, and only 1 well in the Middle Blinebry. The wells are not offset by interval with only ~100' horizontal offset between the Paddock and Upper Blinebry well laterals. This creates a high likelihood of hydraulic communication (potentially resulting in frac interference and competitive drainage) between Spur's proposed 10H & 50H wells and its proposed 12H and 51H wells.
- Spur's proposed wells, by landing their laterals effectively one on top of the other, pumping smaller fracs, while spacing their wells seemingly arbitrarily, have both

increased the likelihood of negative interference between wells, but also decreased the effective drainage of the entire section leaving behind valuable recoverable reserves of oil and gas. Subsequent drilling within the Paddock and Upper Blinbry intervals would not be effective after having produced large volumes of oil and gas from the HSU, as pressure depletion from such production would likely result in severe “parent-child” well interference effects.

- Longfellow has reviewed microseismic data in the play that shows extensive vertical fracture propagation. In the projections and diagrams provided as exhibits to this testimony we have restricted the fracture height growth well below those observed in microseismic data.
- Longfellow conducted a comprehensive review of the AFEs provided by Spur, as well as the updated Longfellow AFEs for the Hendrix ABX wells which incorporated the most recent movement in service prices and steel prices. Longfellow conducted an “AFE Side-by-Side” analysis which comprised of re-organizing the Spur AFE feature codes into the categories as used in the Longfellow AFE. This process allows for a more aligned comparison of costs and variances. In each companies AFEs, contingency costs were used. Longfellow’s AFE had ~\$433,000 of contingency, while Spur had a contingency of ~\$75,000. In the oil and gas industry contingencies are put into AFEs to account for potential costs associated with unknown or unpredictable events. The other numbers are associated with what an operator has planned and obtained cost estimates for.
- The methodology used for comparing the competing AFEs was firstly, to remove contingencies in drilling and completions, then by category (Intangible Drilling,

Tangible Drilling, Intangible Completions, Tangible Completions) compare the totals. From there, Longfellow identified which line item costs were driving any variance observed. Once the “Key Variances” were identified and itemized, Longfellow engaged in a reconciliation process to determine the root cause of the variance. These comparisons and explanations are detailed in the associated exhibits.

- The AFE variances were as follows:
 - o Total Variance = ~\$802,113
 - o Intangible and Tangible Drilling
 - Variance = \$154,465
 - Variance Explanation: The majority of the variance appears to be comprised costs of 1) Production casing differences, even though both operators are using the same casing design. For a variance to exist here the likely explanation is for costs estimates to be out of date. Casing costs have increased dramatically recently as steel prices have risen. Longfellow’s casing cost estimate were updated in June 2021. 2) Drilling Day Work, which is the cost associated with the drilling rig. This could be associated with lower drilling day-rate, or lower assumed drilling days. Longfellow has assumed 16 days of drilling time, which is itemized on the AFE. Longfellow does not know Spur’s estimated drilling time. 3) Missing costs, both water and surface casing cementing not being included in the AFE
 - o Intangible Completions Cost

- Variance = ~\$809,000
 - Variance Explanation: Longfellow is planning to fracture stimulate the wells in the Proposed Hendrix ABX Unit with frac treatments that are ~50% larger than Spur's. We estimate this will increase oil recovery per well significantly. If we combine all Stimulation related costs into a single line item (Pumping company costs, Proppant, chemicals, fuel, and water) and normalize the numbers to frac job size (an industry metric commonly used is barrels per linear foot of stimulated lateral length) the difference between the two costs is reduced to a ~4% variance. This means that in actuality, Longfellow and Spur have very similar frac costs.
- o Tangible Completions Cost
- Variance= ~\$128,054
 - Variance Explanation: The variance here is associated with artificial lift (the method used to pump oil out of the ground) and the decision to rent or buy artificial lift equipment (in this case the ESP). Spur has opted to rent their equipment, while Longfellow has opted to purchase it. Spur's rental method is effectively shifting costs from capital expenditures to operating expenses, not a true AFE difference. Longfellow has included an exhibit outlining the costs associated with renting versus buying ESP equipment. Our analysis shows that while renting the equipment reduces cost initially, after the 14th months of production the rental is significantly more

expensive. When you combine the incremental operating expense and take into account the salvage value of the equipment, the true incremental cost of renting ESP equipment is estimated at ~\$122,667 per well.

- In the area in question, Longfellow has conducted a comprehensive petrophysical study to determine the oil-in-place within the Yeso formation (Paddock and Blinebry members). Our analysis from a well near the Proposed Hendrix ABX shows significant oil-in-place within the Yeso formation. The oil is biased to the Paddock, having the highest oil density, followed by the Upper Blinebry (comprising ~45% of the oil-in-place of the Paddock), and then the Middle Blinebry (comprising ~16% of the oil-in-place of the Paddock). Longfellow's review of >500 producing Yeso horizontal wells in this Play and their performance are consistent with the observation that productivity declines as you develop lower benches within the Yeso. Based on this analysis, the reserves associated to the Middle Blinebry are much lower than the Paddock and Upper Blinebry. Spur's 70H well is located in the Middle Blinebry and Longfellow has severe doubts as to its potential commerciality at this time.
- Longfellow, in the design and planning phase of their development plan, elected to space wells slightly farther apart, and implement larger stimulation as the most efficient method of recovery of oil and gas. This ultimately means fewer wells with higher cost per well but also higher reserves and better economic returns. As an example of the type of analysis that was conducted, we have selected a small subset of wells which can be used as analogue wells to the proposals made by Spur and

Longfellow based on frac size and reserves. The wells were selected in the same geographic area and from equivalent geologic settings, and grouped by frac job size. The results clearly show improved EUR (Estimated Ultimate Recovery of Oil) of the larger job size as proposed by Longfellow, with the larger fracs producing ~26% more oil than those wells completed with smaller frac jobs. For the Paddock wells selected, those fracture stimulated with fluid loadings of 60 bbl per ft had projected ultimate recoveries of ~450,000 Bbl of Oil, while those fracture stimulated with fluid loadings of 90 bbl per ft had projected ultimate recoveries of ~571,000 Bbl of Oil. This constitutes an increase in 121,000 Bbl of Oil per well or a 26% increase in recoverable reserves and significantly improved economic returns.

o APIs of wells in analysis:

- 30015447070000, 30015448480000, 30015448670000,
30015447410000, 30015448810000, 30015446850000,
30015446700000

- In attributing oil reserves to the various intervals of the Yeso reservoir, Longfellow looked at all the horizontal wells in the Yeso play and adjusted the reserves for the Upper and Middle Blinbry intervals to quantify what the frac size differences would project recoverable oil and gas reserves to be in the lower benches. The results of actual well performance mirrored the previously stated recoverable oil and gas reserve degradation as you move down the stratigraphic column (deeper intervals within the Yeso formation).

- The final engineering analysis conducted by Longfellow in the review of the material associated with this protested hearing was to conduct an economic analysis of the two competing proposals. A commonly used metric in the oil and gas business for comparing competing proposals is F&D, or Finding and Development Costs (measured in dollars per Bbl of oil ultimately recovered). This is effectively a combination of the reservoir development plan, the number of wells to be drilled, the total cost associated with the project (in this case the sum of the AFEs of all wells), and the total expected reserves to be extracted during the life of the project.
 - The F&D analyses included in Longfellow's Engineering Exhibits shows that Longfellow's development plan will find more oil (~309,000 Bbl of oil incremental), for marginally higher full development cost (~1% higher than Spur's sum of AFEs) and has a $F\&D(\text{Longfellow}) = \$9.63/\text{Bbl of oil}$. Conducting the same analysis on Spur's development plan results in a $F\&D(\text{Spur}) = \$10.95/\text{Bbl of oil}$. This constitutes a ~13% increase in development cost per barrel of oil extracted, making it a less efficient method of development of the section.
6. The exhibits to this testimony were prepared by me, David Mitchell.
 7. The granting of the Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.
 8. The foregoing is correct and complete to the best of my knowledge and belief.

FURTHER AFFIANT SAYETH NAUGHT



David Mitchell

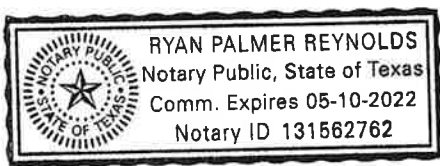
STATE OF TEXAS)
)ss
COUNTY OF DALLAS)

Subscribed to and sworn before me this 10th day of June, 2021.



Notary Public

My Commission expires 5/10/2022.



Tab 8

Long Track Record of Performance

Longfellow Operator History

2007 to Present Operated Activity

- 129 Wells in Oklahoma (103 Horizontals)
- 13 Wells in Texas (1 Horizontal)
- 3 Wells in Pennsylvania (1 Horizontal)
- 1 Well in Mississippi (Vertical)
- 2 Wells in California (Vertical)
- 5 Wells in New Mexico (5 Horizontals)

1998 – 2007 Predecessor Company to LFE

- >400 wells in Texas
- 25 Wells in Colorado (Vertical)
- [CEO, President, VP Drilling & Facilities Manager all still with the company]

New Mexico Activity

- Entered the area in Q1 2017
- Operate 68 Vertical Wells
- Non-Operated Interest in 33 Vertical Wells
- 5 Operated Horizontal Wells
- 3 Non-Operated Horizontal Wells

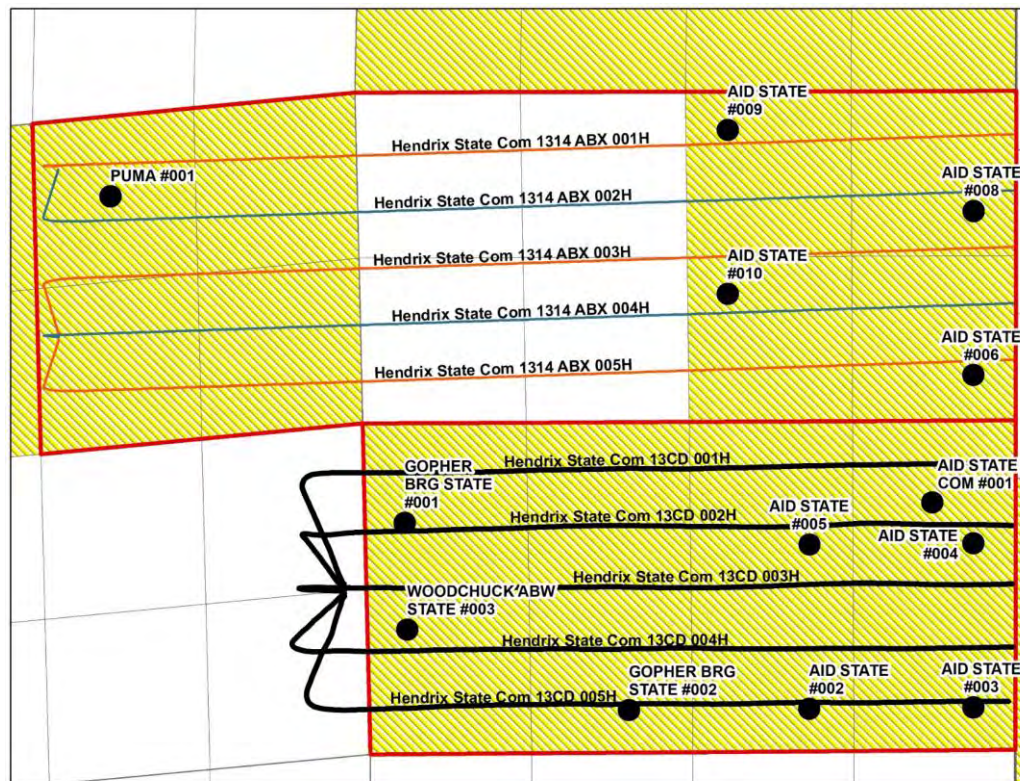


Images: Longfellow's Hendrix CD Drilling & Completions Operation (2021)

Existing Producing Wells

Longfellow Energy Operates All Producing Wells in the Unit

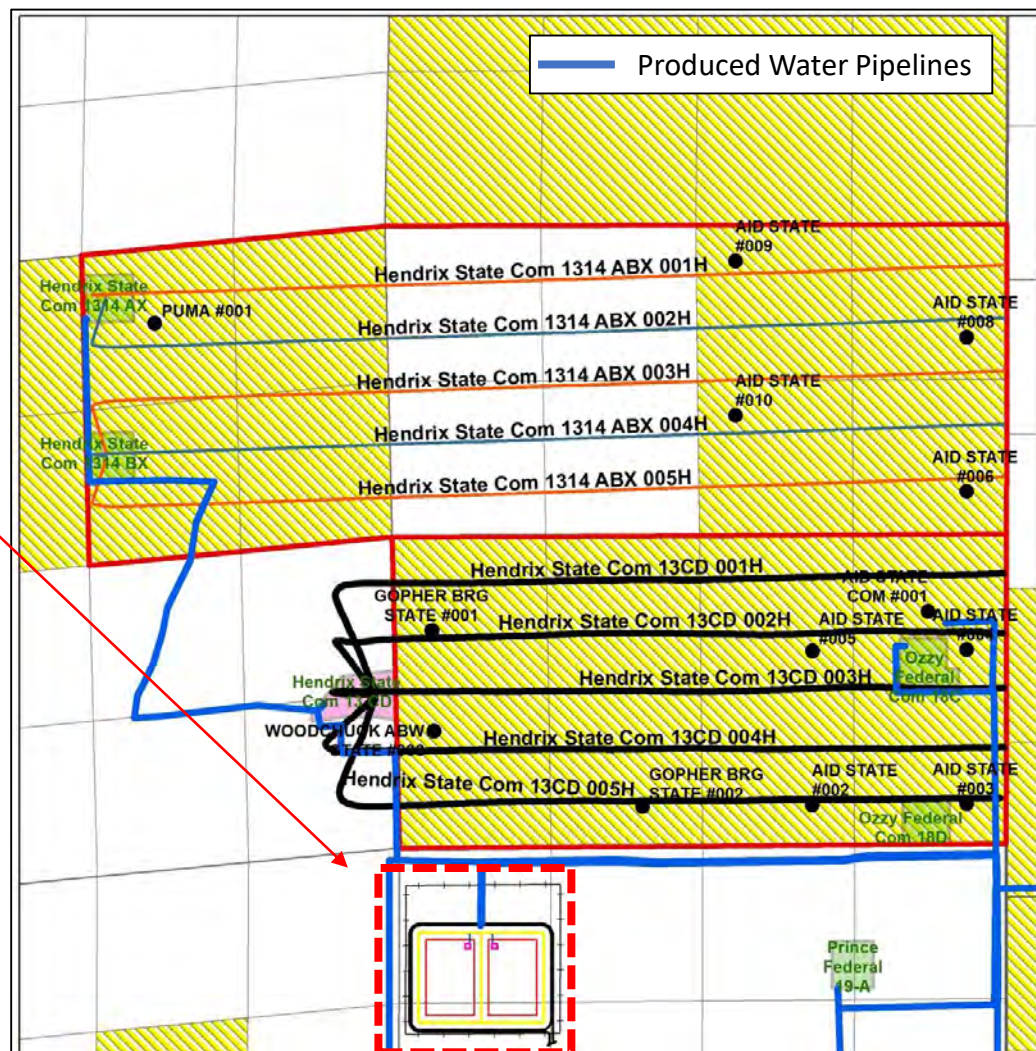
- Longfellow Energy Operates Every Producing Well within the unit
 - Aid State #6
 - Aid State #8
 - Aid State #9
 - Aid State #10
 - Puma #1
- The majority of Longfellow's wells within the unit (4 total) are producing from the Yeso formation.
- Longfellow Operates the adjacent horizontally developed Yeso unit (Hendrix CD Unit)
- Longfellow Spaced the Laterals (by bench) in accordance with the adjacent Hendrix CD Unit to maximize drainage and minimize well interference.



Existing Infrastructure Favorably Located

Longfellow Infrastructure

- Multiple Approved Drill Permits (17) & Surface Locations (7) in the immediate area.
- Longfellow Owns & Operates the Jenna COM SWD located ~3.5mi from Planned Surface Locations
- Longfellow Owns & Operates a Produced Water Recycling facility (see page 4)
- Pipeline infrastructure connecting the unit to the existing SWD and Produced Water Recycling facility



Produced Water Recycling

Longfellow Energy 2MMBbl Produced Water Recycling & Storage Facility

- Longfellow recently brought on-stream a 2 Million Barrel Produced water storage and recycling facility.
- The project took ~6-months of engineering and regulatory work and cost ~\$3.25 Million dollars
- The Facility is designed to support Longfellow's drilling and completions activity in the area
- The facility is located 0.5-miles south of the proposed Hendrix ABX unit
- The facility will supply recycled produced water to be used on the fracs of the proposed Hendrix ABX wells
- This will limit the use of fresh water supplying the fracs as well as will reduce the need to dispose of water in the future.
- 100% of Longfellow's water production is planned for recycling and reuse for the duration of the company's development

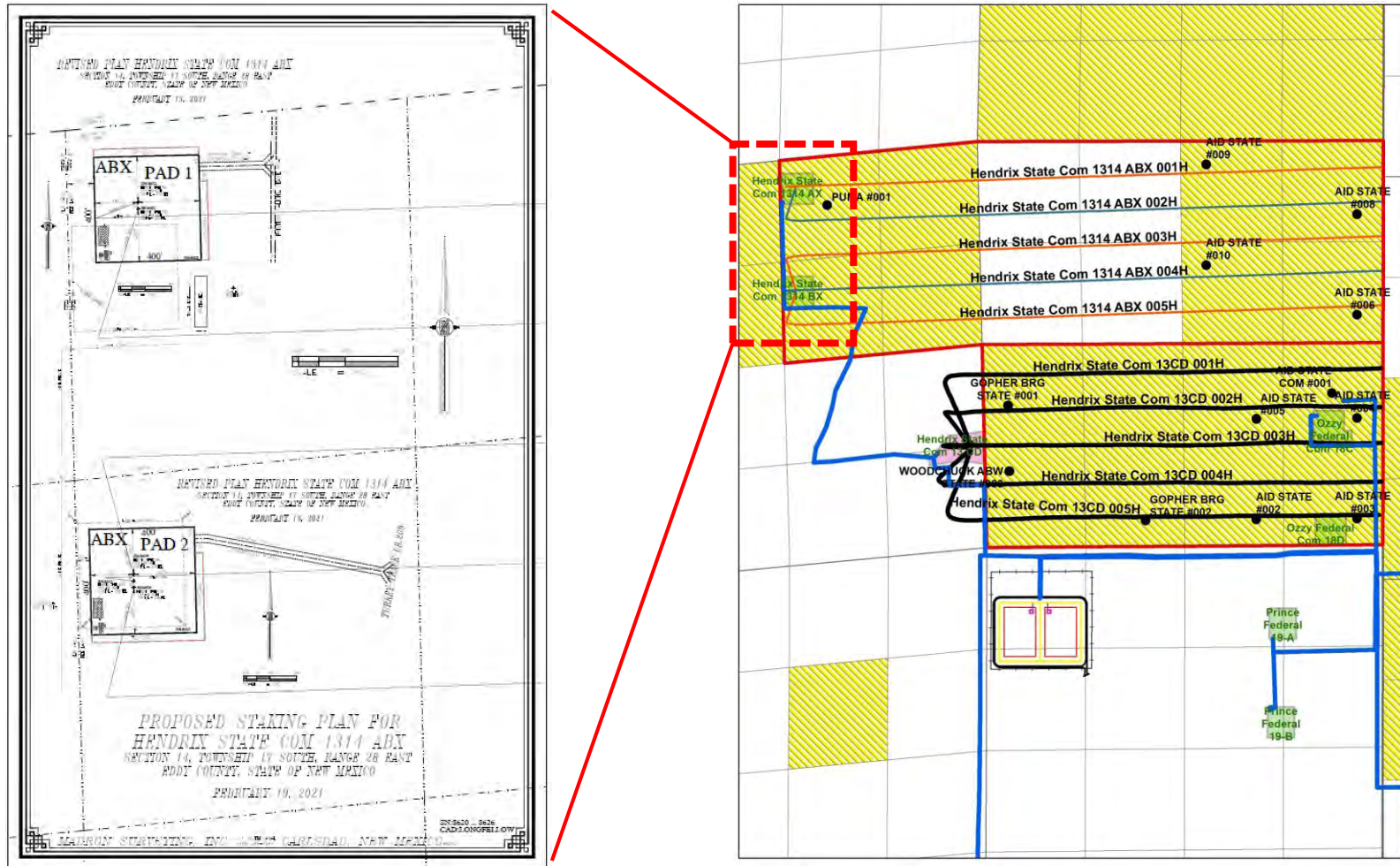


Image: Longfellow's 2MMBbl Produced Water Recycling & Storage Facility

Longfellow plans to utilize 100% of its produced water in the drilling and completions of future wells until the end of their development plan. This will significantly reduce or eliminate both the sourcing of fresh water and the disposal of produced water for the next 5+ years.

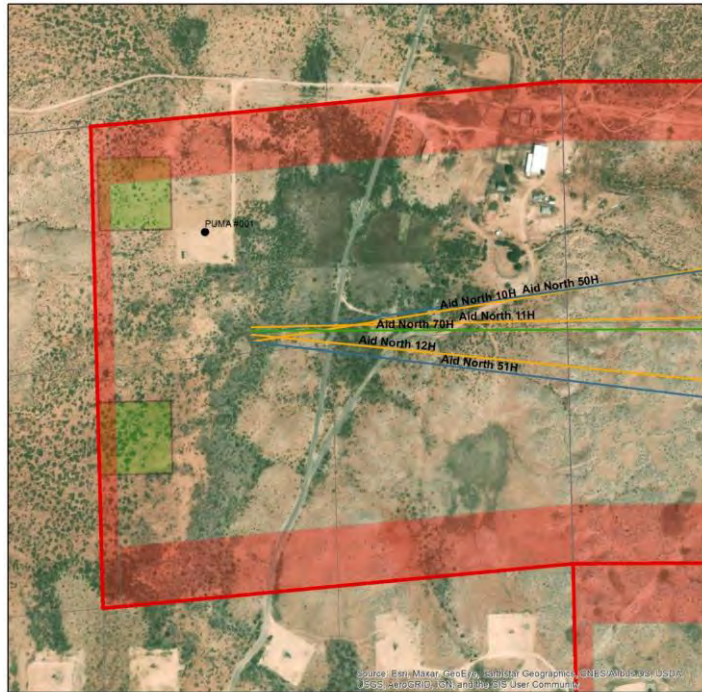
Approved Surface Use Agreements

Longfellow Energy Has 2 Surface Locations Surveyed & Contracted For



Pad Placement

Spur Surface Location



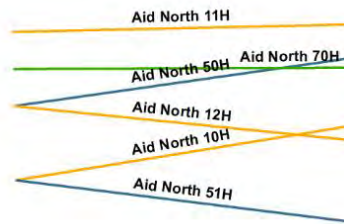
Estimated Surface Location from SHL of Proposed Wells



Spurs surface location does not contemplate the fact that it is in a natural water drainage area. This terrain is prone to flooding, which can lead to significant operational issues and added costs.

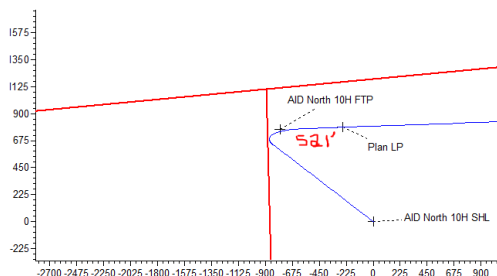
Spur Surface Locations

Surface Hole Location Errors

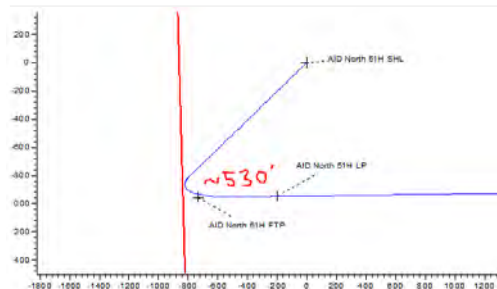


- The Aid North 50H and Aid North 12H share the same surface hole location
- The Aid North 10H and Aid North 51H share the same surface hole location
- This is an error.

Back-Building



- Spur's surface hole location is located ~900' east of the unit boundary
- This would require Spur to back-build their well significantly to capture maximize the productive lateral length of the well.
- Back-building ~900' from a surface location adds directional drilling costs which do not appear to be contemplated in the AFE
- Building and turning at high rate (in degrees per 100') can create complex well geometry which can add cost to completions and production operations.



Flaring = Economic Waste, Lost Revenue, & Emissions

Spur Welch 28A Unit

- Longfellow Participated as a working interest owner in Spur's Welch 28A Unit
- The pipeline was not built on-time resulting in flaring of gas
- Total Flared Volume was ~65 MMCF of Natural Gas over a period of ~58 days
- CO2 emissions on this volume of gas is estimated to be 3,600 metric tons (IEA conversion)
- Current realized price for gas in our operated Yeso wells 3-miles away is \$2.67/MCF
- Estimated lost revenue associated with the flared volume is \$174,616
- Spur has been trucking oil to market

Longfellow Hendrix CD Unit

- Spur Participated as a working interest owner in Longfellow's Hendrix CD Unit
- The pipeline was built on-time prior to the flowback period resulting in no flaring
- Total Flared Volume was 0 MMCF of Natural Gas
- Longfellow pipes all oil to market

Longfellow's development plan includes the complete elimination of flaring from the operation. All gas pipelines are planned to be built to location prior to start of flowback, and all tanks are equipped with vapor recovery systems to eliminate off gas venting.

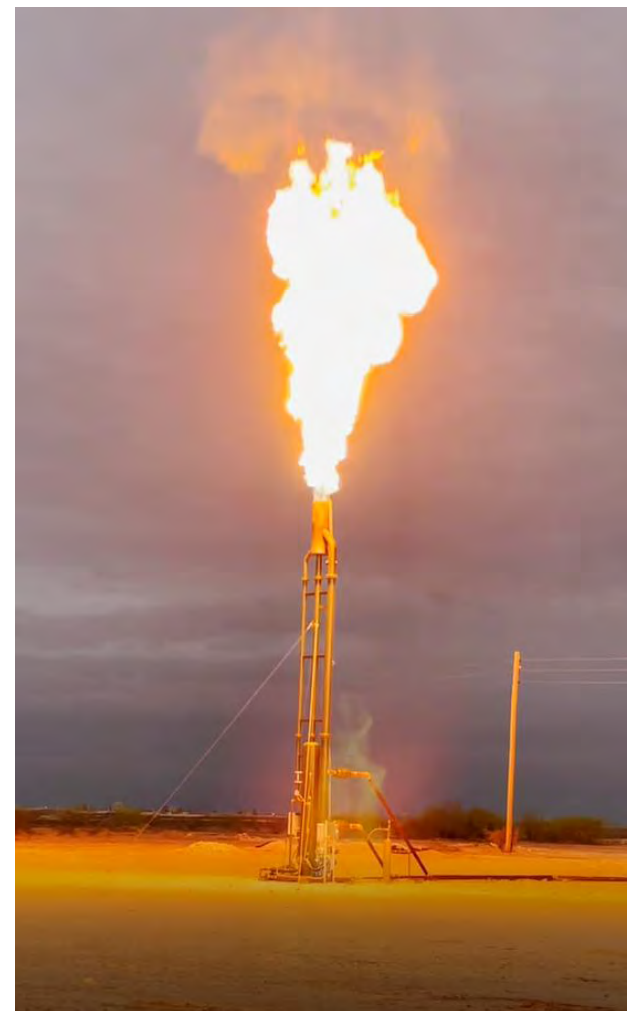
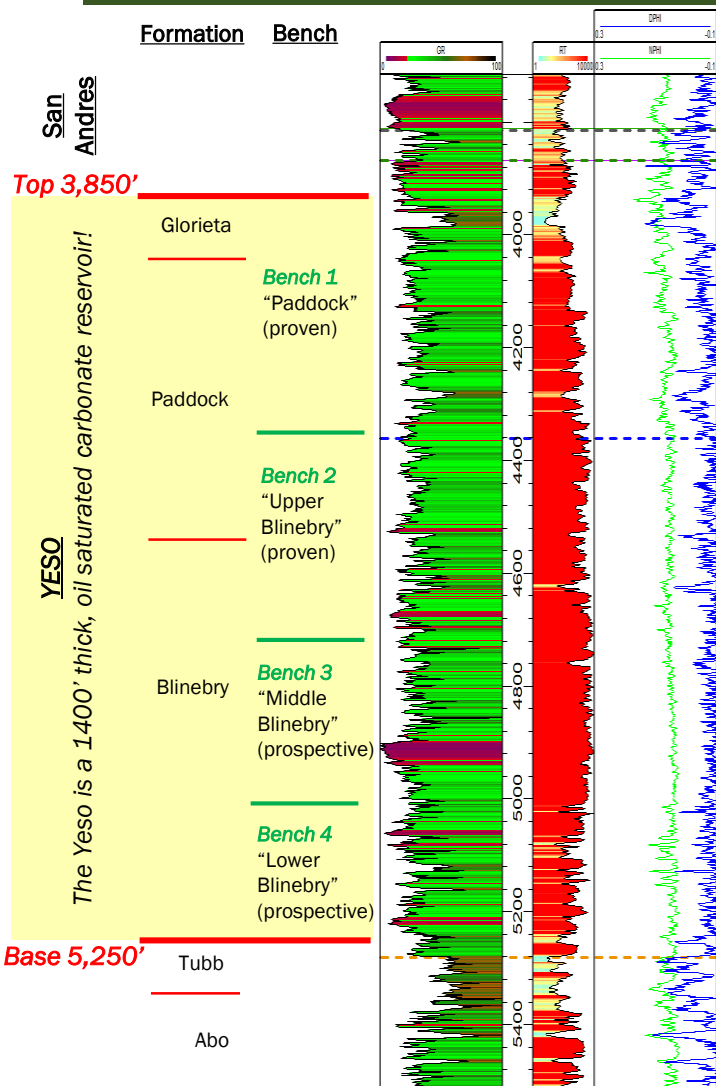


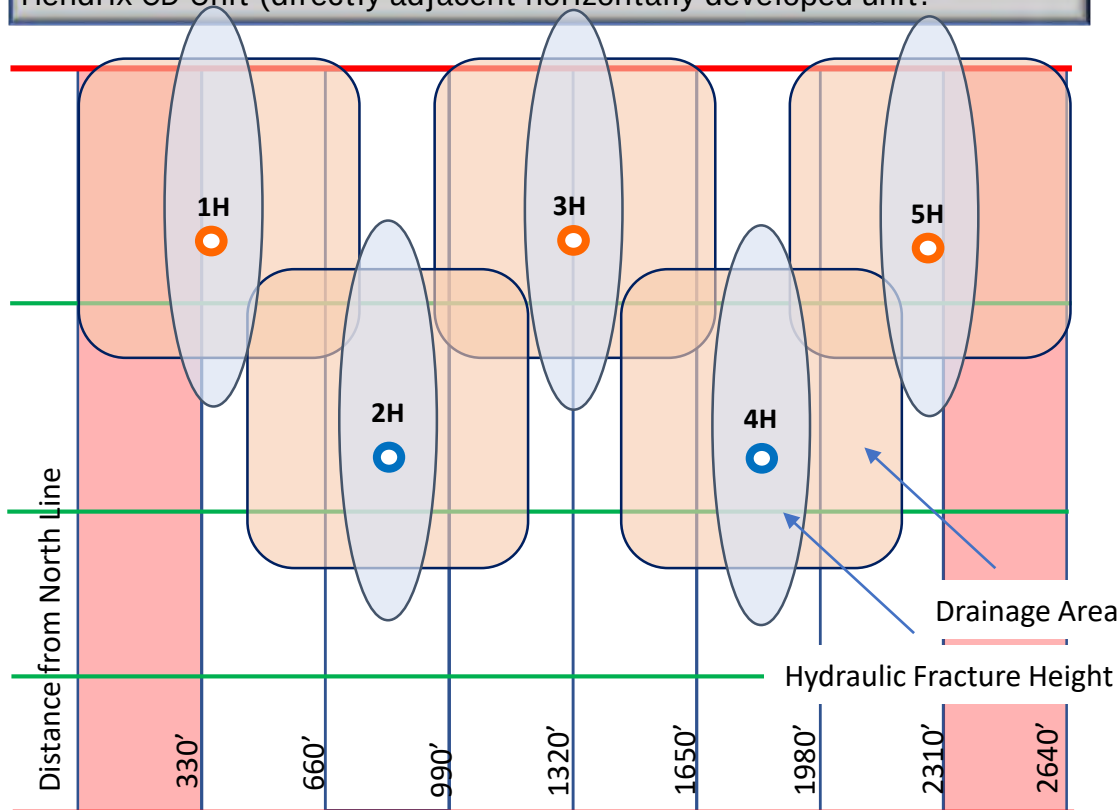
Image: Spur Welch 28A Flare

Reservoir Engineering Analysis

Longfellow Energy Plan



Laterals are "wine racked" within reservoir in order to maximize recoverable oil. This pattern was designed to align with Longfellow's Hendrix CD Unit (directly adjacent horizontally developed unit).

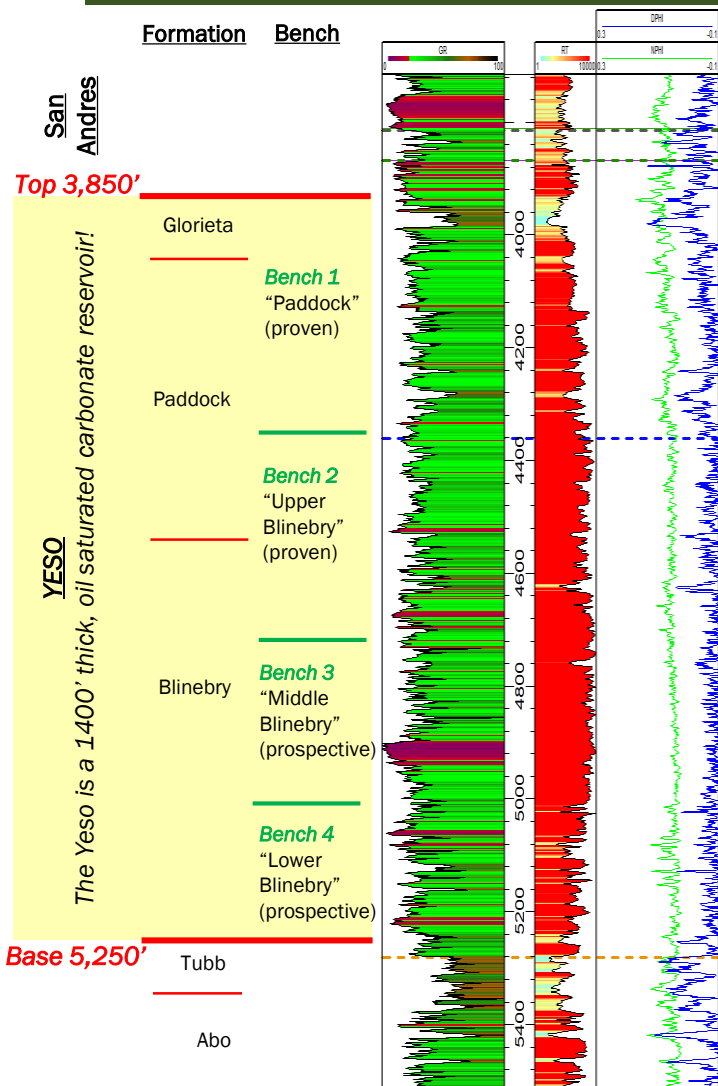


Well spacing and frac geometry effectively drain the entire section. Hydraulic fractures are not in communication.

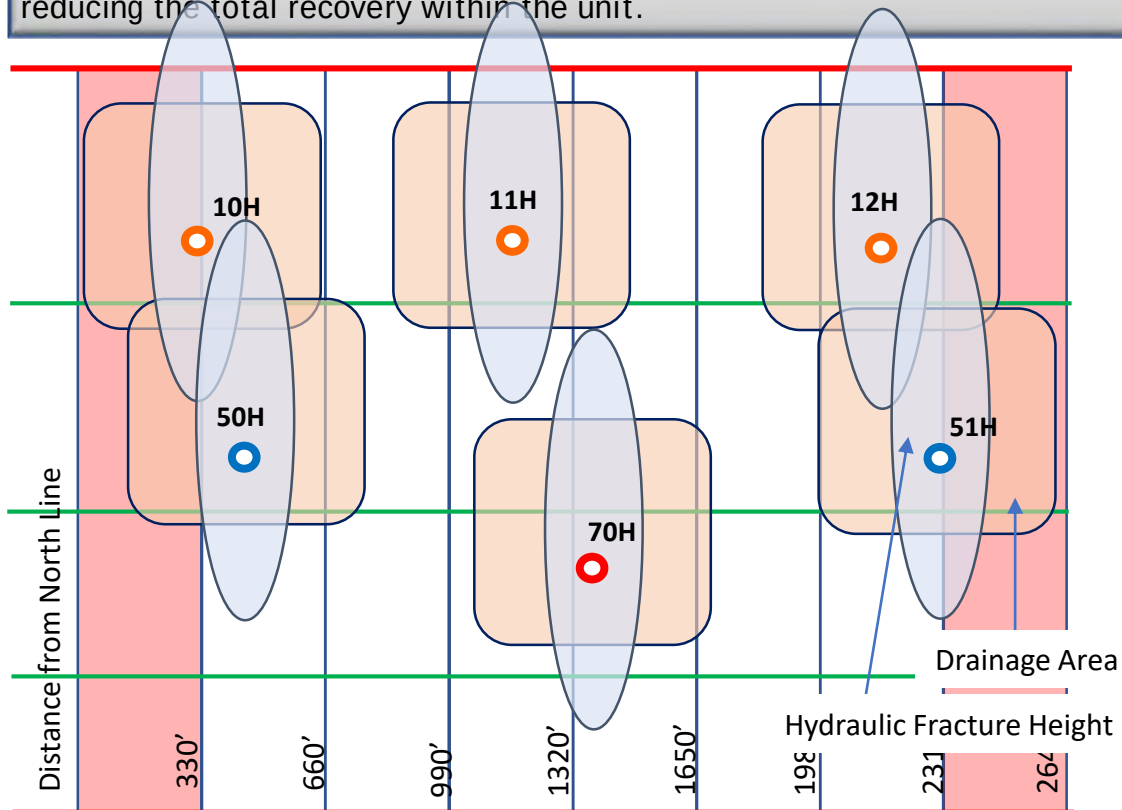
Note: Hydraulic fracture dimensions estimated from internal modelling results for 90 BPF stimulation design

Reservoir Engineering Analysis

Spur Development Plan



Stacked laterals are sub-optimal reservoir drainage design. Stacking laterals encourages hydraulic interference and competitive drainage, potentially reducing the total recovery within the unit.



Well spacing pattern and frac geometry do not effectively drain the entire section.
Hydraulic fractures are in vertical communication (10H & 50H and 12H & 51H)

Note: Hydraulic fracture dimensions estimated from internal modelling results for 60 BPF stimulation design

AFE Analysis

Single-Well Design and AFE Comparison

AFE Reconciliation	Longfellow	Spur	Variance
Intangible Drilling	\$ 1,021,730	\$ 903,833	\$ 117,896
Tangible Drilling	\$ 393,170	\$ 334,917	\$ 58,254
Intangible Completions & Facilities	\$ 3,086,204	\$ 2,218,000	\$ 868,204
Tangible Completions & Facilities	\$ 516,471	\$ 400,917	\$ 115,554
Total Capital Expenditure	\$ 5,017,575	\$ 3,857,667	\$ 1,159,908
<u>Imbedded Contingency</u>			
Intangible Drilling Contingency	\$ 97,560	\$ 75,875	\$ 21,685
Intangible Completions Contingency	\$ 335,109		\$ 335,109
Removing Contingency	\$ 432,670	\$ 75,875	\$ 356,795
<u>Adjusted Side-by-Side Comparison</u>			
Intangible Drilling (Adj.)	\$ 924,169	\$ 847,958	\$ 76,211
Tangible Drilling (Adj.)	\$ 393,170	\$ 314,917	\$ 78,254
Intangible Completions & Facilities (Adj.)	\$ 2,751,094	\$ 2,231,500	\$ 519,594
Tangible Completions & Facilities (Adj.)	\$ 516,471	\$ 388,417	\$ 128,054
Total Capital Expenditure	\$ 4,584,905	\$ 3,782,792	\$ 802,113

AFE Variances

Adjusted Side-by-Side AFE is the expected cost (capex less contingency) for a single well. AFE feature codes were aligned with Longfellow AFE for comparison purposes.

AFE Variances will be addressed in the ensuing slides.

AFE Analysis

AFE Variances –Intangible & Tangible Drilling

DRILLING	Longfellow	Spur	Variance
----------	------------	------	----------

Drilling AFE (Intangible & Tangible)

Intangible Drilling (Adj.)	\$ 924,169	\$ 847,958	\$ 76,211
Tangible Drilling (Adj.)	\$ 393,170	\$ 314,917	\$ 78,254

Variance Details

1 Contract Daywork Drilling	\$ 210,400	\$ 185,000	\$ 25,400	Days and Day-Rate Differences
2 Water - Fresh / Brine	\$ 25,000	\$ 250	\$ 24,750	Cost missing from AFE
3 Surface Pipe Cementing	\$ 15,000	\$ -	\$ 15,000	Cost missing from AFE
4 Production Casing	\$ 341,345	\$ 233,917	\$ 107,429	LFE and Spur use same pipe. Steel inflation related casing costs increases not reflected

Discussion

The drilling costs for both companies are in-line with each other. Minor differences in rig rates and days only.

AFE Analysis

AFE Variance – Intangible Completions

STIMULATION	Longfellow	SPUR	Variance
1 Stimulation	41 Stages @ 90bpf \$ 1,607,200	35 Stages @ 60bpf \$ 470,000	
2 Completion Chemicals	Incl. in above \$ -	\$ 165,000	
3 Proppant	Incl. in above \$ -	\$ 225,000	
4 Fuel	Incl. in above \$ -	\$ 180,000	
5 Water, Bbl	654,300 \$ 654,300	436,200 \$ 412,500	
	\$ 2,261,500	\$ 1,452,500	\$ 809,000
<i>Normalized to Frac Size</i>	<i>Fluid Loading 90.00</i>	<i>Fluid Loading 60.00</i>	
	<i>\$/Bbl of Fluid Loading \$ 25,128</i>	<i>\$/Bbl of Fluid Loading \$ 24,208</i>	-4%

Spur's Proposal

Stimulation costs are broken out into several categories (Stimulation Pumping Services, Completion Chemicals, Proppant, Fuel, and Water)

Longfellow's Proposal

Costs are broken into just Stimulation and Water, but are inclusive of all of the above cost features.

Comparing the Stimulation

Longfellow's much larger fracture stimulation (~50% larger frac jobs being pumped than Spur's well designs) the costs are within 4% of each other when adjusting for the size of the frac.

[Larger frac jobs = higher stimulated rock volume = increased oil recovery = more oil per unit]

AFE Analysis

AFE Variance – Tangible Completions - Artificial Lift (ESP Rental vs. Purchase)

ESP RENTAL vs PURCHASE		Longfellow		Spur		Variance
1	ESP	\$	175,000	\$	-	\$ 175,000
2	Fixed Opex	\$	3,500 Per Month	\$	16,000 Per Month	\$ (12,500)

Note: Only major production difference is ESP rental, therefore Fixed Cost Difference can be assumed to be ESP Rental Rate.

Estimated ESP Equipment Life	30.00	Months
Break-Even (BE) ESP Runtime	14.00	Months
Time before production is below ESP Range	18.40	Months
Remaining Usable Run-Life	11.60	Months

Rent vs Purchase	
Run-Life over BE	4.40
Incr. to Rent	\$ 55,000
Salvage	\$ 67,667

Total Incremental Cost to Rent \$ 122,667

Spur's Proposal

ESP is being rented for a monthly fee of ~\$12,500/mo (estimated based on data available)

Longfellow's Proposal

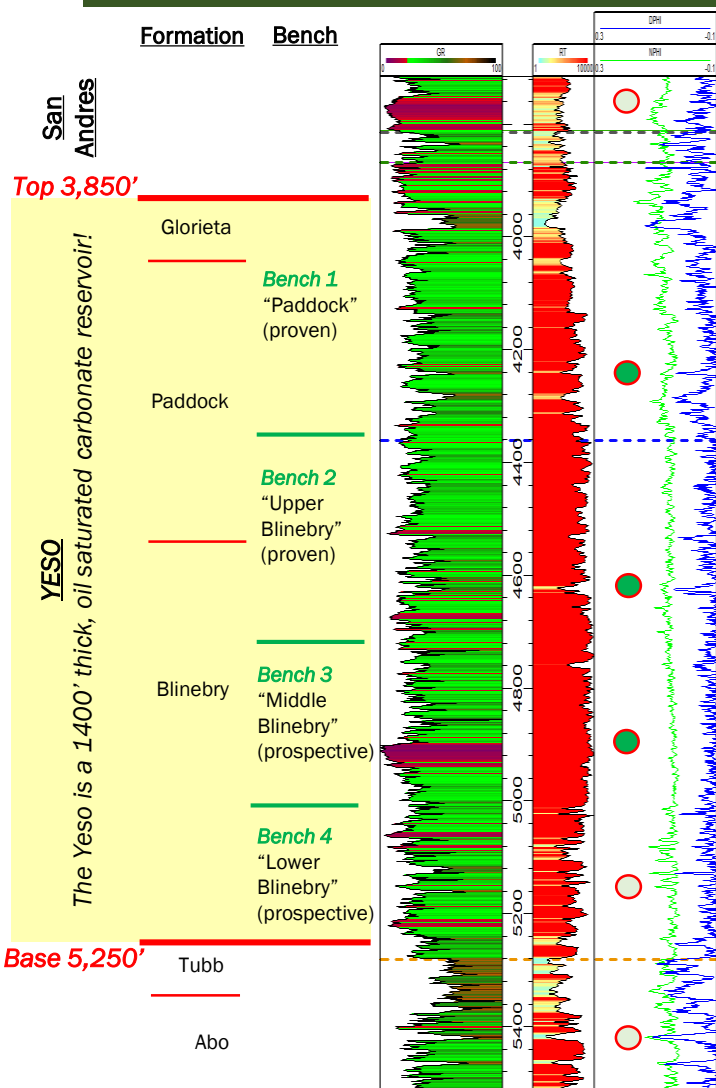
ESP is being capitalized in the AFE for \$175,000

Comparison

The average ESP run-life is ~30-months and can be run in new wells if the productivity of the well falls outside the optimum range.

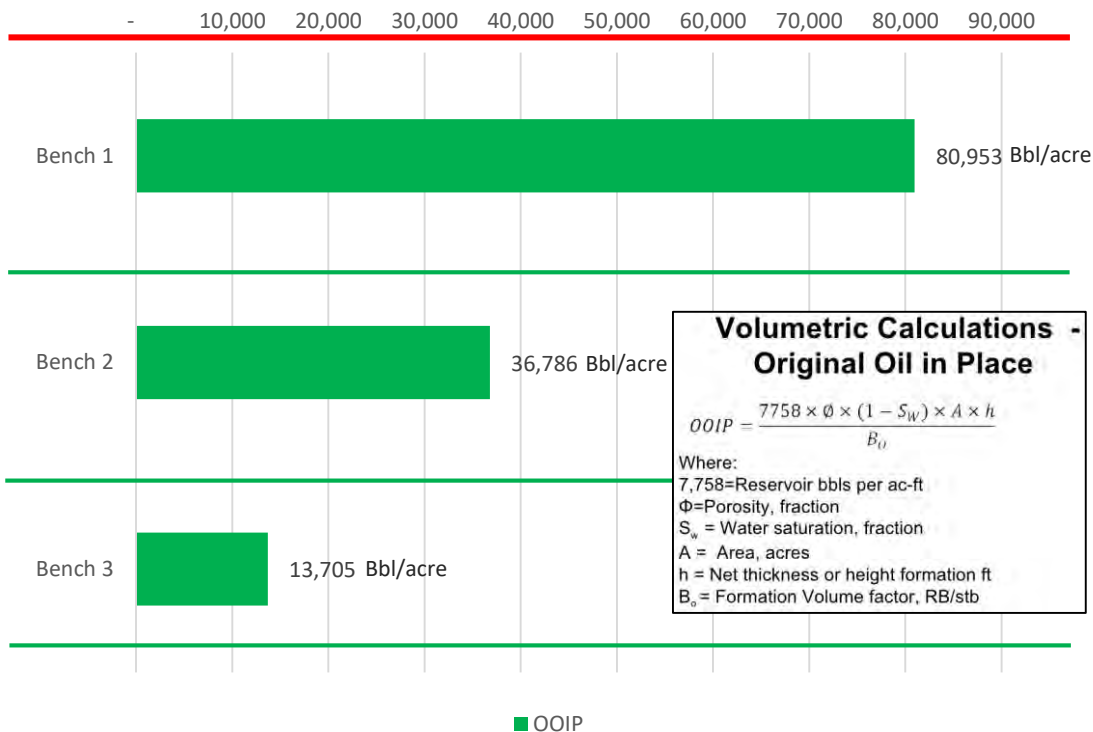
The break-even for the purchase of the ESP is 14-months, well within the usable life of the equipment. The cost associated with renting will be ~\$55,000 incremental to Spur and forgo ~\$67,000 in ESP salvage value.

Reservoir Engineering Analysis



Petrophysical Volumetric Analysis

Original Oil-in-Place (in Bbl per Acre)



Volumetric Calculations - Original Oil in Place

$$OOIP = \frac{7758 \times \Phi \times (1 - S_w) \times A \times h}{B_o}$$

Where:

7,758=Reservoir bbls per ac-ft

Φ =Porosity, fraction

S_w = Water saturation, fraction

A = Area, acres

h = Net thickness or height formation ft

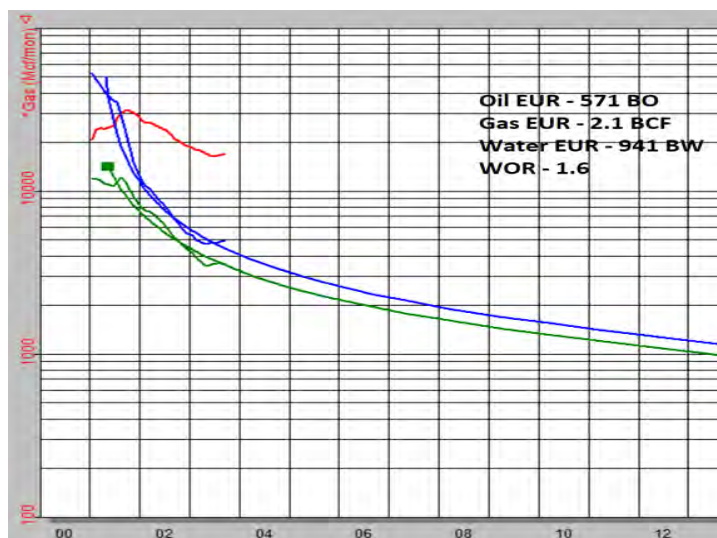
B_o = Formation Volume factor, RB/stb

Sufficient Original Oil in Place (OOIP) is mandatory to get to an economic reserve given a recovery factor. $B_o=1.21$ from engineering.

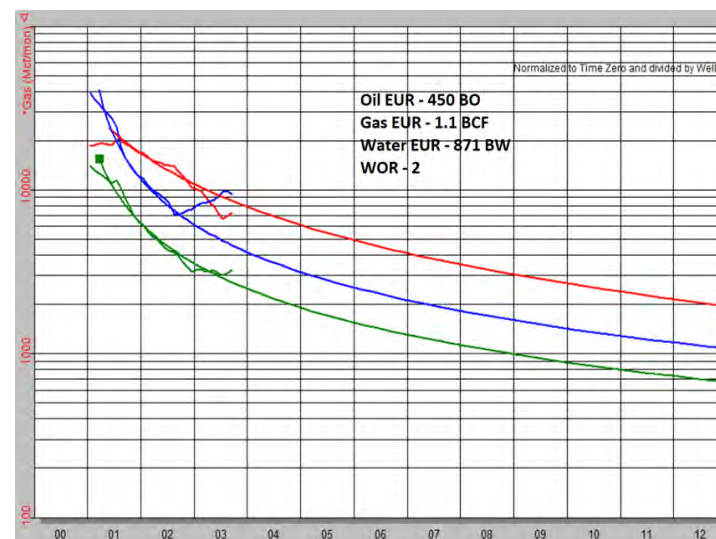
Reservoir Engineering Analysis

Larger Frac Jobs = More Recoverable Oil & Gas

Longfellow Frac Design Analogues

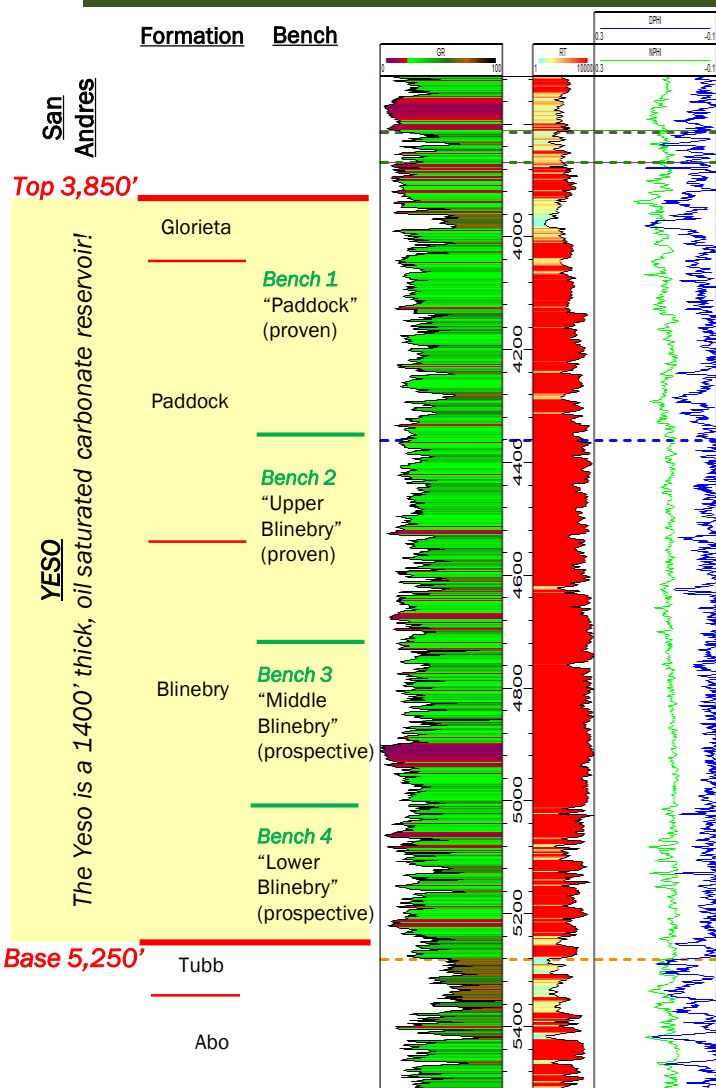


Spur Frac Design Analogues

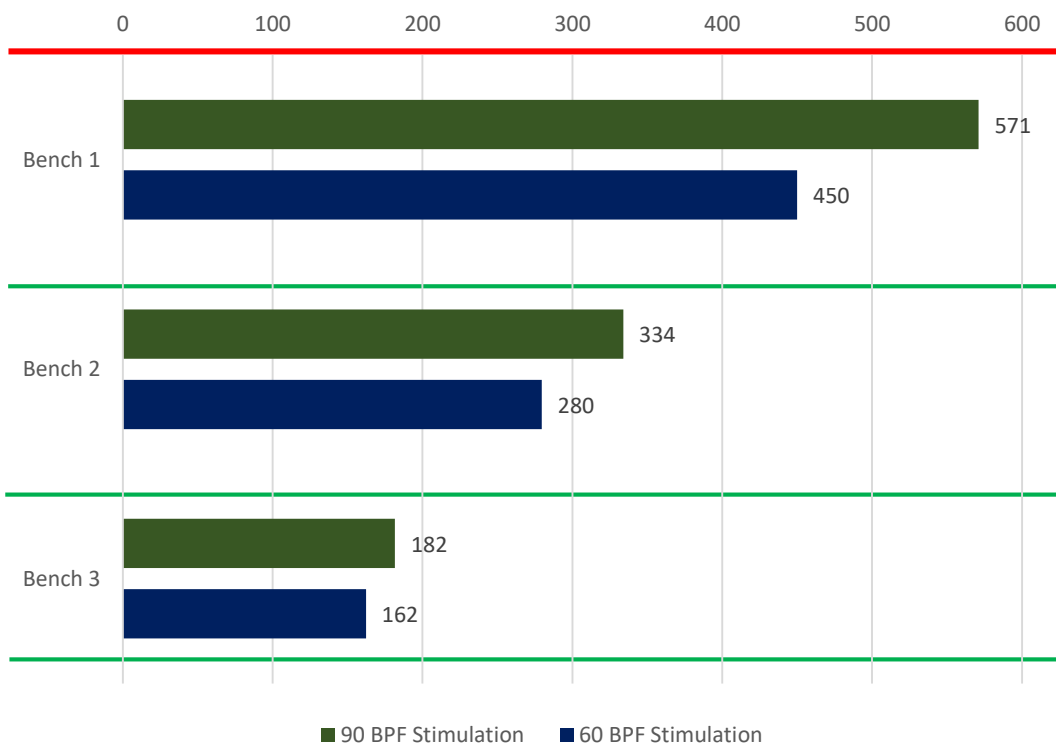


- Decline Curve Analysis conducted on select wells stimulated with frac sizes consistent with both Longfellow's & Spur's frac design (from equivalent geologic settings) show larger frac jobs recover more oil and gas
- Results are consistent with larger studies (>500 Horizontal wells) across the Yeso play

Reservoir Engineering Analysis



Est. Ultimate Recovery (Oil) by Bench & Frac Size



The above analysis is based on actual public well production and completions design data.

Economic Analysis

F&D Analysis (Total Capital / Total Reserves in Unit)

DEVELOPMENT EFFICIENCY COMPARISON		Longfellow		Spur		Variance	
<u>Adjusted Side-by-Side Comparison</u>							
Intangible Drilling	\$	924,169		\$	847,958	\$	76,211
Tangible Drilling	\$	393,170		\$	314,917	\$	78,254
Intangible Completions & Facilities	\$	2,751,094		\$	2,231,500	\$	519,594
Tangible Completions & Facilities	\$	516,471		\$	388,417	\$	128,054
Total Capital per Well	\$	4,584,905		\$	3,782,792	\$	802,113
<u>Planned Laterals & EURs</u>							
		Wells	EUR		Wells	EUR	
Bench 1		3.0	571.0		3.0	450.0	
Bench 2		2.0	334.0		2.0	280.0	
Bench 3		-	182.0		1.0	162.0	
Total Development Wells Planned in Unit		5.0	1,087.0		6.0	892.0	
<u>Total Capex & Reserves</u>							
		Capex	Reserves		Capex	Reserves	
Bench 1	\$	13,754,715	1,713	\$	11,348,375	1,350	
Bench 2	\$	9,169,810	668	\$	7,565,583	560	
Bench 3	\$	-	-	\$	3,782,792	162	
Total Development Wells Planned in Unit	\$	22,924,524	2,381	\$	22,696,750	2,072	
<u>Variance</u>							
		Capex	Reserves		Capex	Reserves	
		-	-		-	-	
		-	-		-	-	
		-	-		-	-	
Total Development Wells Planned in Unit	\$	227,774	309				
<u>Find & Development Cost (\$/Barrel of Oil)</u>							
	\$	9.63		\$	10.95		\$ 1.33

Longfellow Energy has a lower Finding & Development cost, making the development plan a more efficient use of capital.

Tab 9

Case No. 21651

OFFICIAL SEAL
M. Teresa L. Pacheco
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission ends: 2-12-22

USPS TRACKING#

9590 9402 1258 5246 3567 37

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☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Abuelo, LLC
P.O. Box 772
Artesia, NM 88211

SANTA FE NM
FEB - 1 2021
USPO 87504

SEE REVERSE FOR INSTRUCTIONS

EXHIBIT A -
Affidavit of Notice

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Abuelo, LLC
P.O. Box 772
Artesia, NM 88211

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2700

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *WM Roger Jones* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *WM ROGER JONES* C. Date of Delivery

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

3. Service Type

☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☒ Return Receipt for Merchandise
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☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage
\$

Chisos, Ltd.
1331 Lamar St.
Suite 1077
Houston, TX 77010

SANTA FE NM
FEB 1 2021
Postm. Here
USPO 87504

7015 1730 0000 9774 2687
7015 1730 0000 9774 2687

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Chisos, Ltd. 1331 Lamar St. Suite 1077 Houston, TX 77010 2. Article Number (Transfer from service label) 7015 1730 0000 9774 2687	A. Signature X <i>Rt 1001</i> ☐ Agent ☐ Addressee B. Received by (Printed Name) <i>C-19</i> C. Date of Delivery <i>2-8-2021</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type <table border="0"> <tr> <td> ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail Restricted Delivery </td> <td> ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery </td> </tr> </table>	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery		

PS Form 3811, July 2015 PSN 7530-02-000-9053

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Longfellow/Hendrix wells
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Notice Letter

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☐ Return Receipt (hardcopy) \$

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☐ Adult Signature Restricted Delivery \$

Postage \$

MRC Delaware Resources, LLC
5400 LBJ Fwy. #1500
Dallas, TX 75240

7015 1730 0000 9774 2786
7015 1730 0000 9774 2786

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1. Article Addressed to:
MRC Delaware Resources, LLC
5400 LBJ Fwy. #1500
Dallas, TX 75240

2. Article Number (Transfer from service label)
7015 1730 0000 9774 2786

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name)
4002 C19

C. Date of Delivery
02/04/21

D. Is delivery address different from item 1? ☐ Yes
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3. Service Type
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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage
\$

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7015 1730 0000 9774 2724

SANTA FE NM
FEB - 1 2021
USPO 87504

Ergodic Resources, LLC
P.O. Box 2021
Roswell, NM 88202

PLEASE STICKER TO TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD ALONG DOTTED LINE.
CERTIFIED MAIL®

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■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Ergodic Resources, LLC P.O. Box 2021 Roswell, NM 88202 2. Article Number (Transfer from sender label) 7015 1730 0000 9774 2724	A. Signature <i>Fernando Rodriguez</i> ☒ Agent ☐ Addressee B. Received by (Printed Name) <i>Fernando Rodriguez</i> C. Date of Delivery <i>2-4-21</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type <table border="0"> <tr> <td> ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Restricted Delivery </td> <td> ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery </td> </tr> </table>	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery		

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& ANDREWS
LAW FIRMP.O. Box 2307
Santa Fe, New Mexico 87504-2307Longfellow/Hendrix wells
15392-1901 (STS)
Notice LetterFirst-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.
CERTIFIED MAIL7015 1730 0000 9774 2731
7015 1730 0000 9774 2731U.S. Postal Service™
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Domestic Mail OnlyFor delivery information, visit our website at www.usps.com™.

Certified Mail Fee

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Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postage

\$

Explorers Petroleum Corp.
P.O. Box 1933
Roswell, NM 88202SANTA FE, NM
FEB - 1 2021
Postmark
Here
USPO 87504

for instructions

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Explorers Petroleum Corp.
P.O. Box 1933
Roswell, NM 88202

9590 9402 1258 5246 3567 06

2. Article Number (Transfer from service label)

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COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Anna Cannon*☒ Agent
☐ Addressee

B. Received by (Printed Name)

Anna Cannon

C. Date of Delivery

2/4/21

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



3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

USPS TRACKING #



9590 9402 1258 5246 3574 82

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4®

MONTGOMERY
& ANDREWS
LAW FIRMP.O. Box 2307
Santa Fe, New Mexico 87504-2307Longfellow/Hendrix wells
15392-1901 (STS)
Notice LetterFirst-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10PLACE STICKER ON OFFER OR TO THE RIGHT
OF THE RETURN ADDRESS TO THE RIGHT
OF THE RETURN ADDRESS TO THE RIGHT
CERTIFIED MAIL7015 1730 0000 9774 2816
7015 1730 0000 9774 2816U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)	\$
☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage

State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501SANTA FE NM
FEB - 1 2021
USPO 87504

© 2015 USPS, April 2015 PSN 7530-02-000-8047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

9590 9402 1258 5246 3574 82

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2816

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☒ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

☐ Adult Signature	☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery	☐ Registered Mail™
☒ Certified Mail®	☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery	☒ Return Receipt for Merchandise
☐ Collect on Delivery	☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery	☐ Signature Confirmation Restricted Delivery
☐ Insured Mail	
☐ Insured Mail Restricted Delivery	

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

USPS TRACKING#

9590 9402 1258 5246 3566 83

United States Postal Service

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box •

MONTGOMERY & ANDREWS
LAW FIRM

P.O. Box 2307
Santa Fe, New Mexico 87504-2307

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

SANTA FE NM
FEB -1 2021
USPO 87504

Loco Hills Production Comp, LLC
P.O. Box 779
Artesia, NM 88211

For Instructions

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Loco Hills Production Comp, LLC
P.O. Box 779
Artesia, NM 88211

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2755

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

4. Signature

[Signature] ☐ Agent ☐ Addressee

5. Received by (Printed Name)

JANAL WILLIAMS

6. Date of Delivery

FEB 13 2021

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

PG Form 3811, July 2015 PSN 7530-02-000-9053

USPS TRACKING#

9590 9402 1258 5246 3566 90

**United States
Postal Service**

• Sender: Please print your name, address, and ZIP+4® in this box.

**MONTGOMERY
& ANDREWS**
LAW FIRM

P.O. Box 2307
Santa Fe, New Mexico 87504-2307

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

**U.S. Postal Service[®]
CERTIFIED MAIL[®] RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com.

Certified Mail Fee
\$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage
\$

**SANTA FE NM
FEB 21 2021
USPO 87504**

Fasken Land and Minerals, Ltd.
6101 Holiday Hill Road
Midland, TX 79707

for Instructions

7015 1730 0000 9774 2748
7015 1730 0000 9774 2748

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

CERTIFIED MAIL[®]

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Fasken Land and Minerals, Ltd.
6101 Holiday Hill Road
Midland, TX 79707

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2748

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Cynthia Moreno ☐ Agent ☐ Addressee

B. Received by (Printed Name)
Cynthia Moreno

C. Date of Delivery
2/8/21

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

3. Service Type

☐ Adult Signature	☐ Priority Mail Express [®]
☐ Adult Signature Restricted Delivery	☐ Registered Mail [™]
☒ Certified Mail [®]	☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery	☒ Return Receipt for Merchandise
☐ Collect on Delivery	☐ Signature Confirmation [™]
☐ Collect on Delivery Restricted Delivery	☐ Signature Confirmation Restricted Delivery
☐ Insured Mail	
☐ Mail Restricted Delivery (0)	

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

USPS TRACKING#



9590 9402 1258 5246 3566 69

United States
Postal Service

* Sender: Please print your name, address, and ZIP+4® in this box *

MONTGOMERY
& ANDREWS
LAW FIRMP.O. Box 2307
Santa Fe, New Mexico 87504-2307Longfellow/Hendrix wells
15392-1901 (STS)
Notice LetterFirst-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS FIELD AT BOTTOM LINE
CERTIFIED MAIL7015 1730 0000 9774 2779
7015 1730 0000 9774 2779U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage

Mark Wilson Family Partnership
P.O. Box 2415
Midland, TX 79702-2415SANTA FE NM
FEB 1 2021
Postmark
Here
USPO 87504

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mark Wilson Family Partnership
P.O. Box 2415
Midland, TX 79702-2415

9590 9402 1258 5246 3566 69

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2779

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

USPS TRACKING#

9590 9402 1258 5246 3575 05

United States Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box*

MONTGOMERY & ANDREWS
LAW FIRM

P.O. Box 2307
Santa Fe, New Mexico 87504-2307

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

7015 1730 0000 9774 2793

7015 1730 0000 9774 2793

Silverhair, LLC
1301 Lewis Rd.
Artesia, NM 88210

SANTA FE NM
FEB - 1 2021
USPO 87504

PS Form 3800, April 2015 PSN 7530-02-000-9053 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Silverhair, LLC 1301 Lewis Rd. Artesia, NM 88210 2. Article Number (Transfer from service label) 7015 1730 0000 9774 2793	A. Signature X ☐ Agent ☐ Addressee B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

USPS Tracking®

[FAQs >](#)

Track Another Package +

Tracking Number: 70151730000097742793

[Remove X](#)

Your item has been delivered to an agent for final delivery in ARTESIA, NM 88210 on February 6, 2021 at 3:21 pm.

Delivered to Agent

February 6, 2021 at 3:21 pm
Delivered to Agent for Final Delivery
ARTESIA, NM 88210

Silverhair, LLC
1301 Lewis Rd.
Artesia, NM 88210

Feedback

Get Updates 

Text & Email Updates



Tracking History



Product Information



See Less 

Can't find what you're looking for?

Go to our [FAQs](#) section to find answers to your tracking questions.

USPS TRACKING#



9590 9403 0913 5223 4534 68

United States Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box •



**MONTGOMERY
& ANDREWS**
LAW FIRM

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

PLATE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL



7015 1730 0000 9774 2618
7015 1730 0000 9774 2618

Certified Mail Fee
\$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage
\$

Total
\$

Sent
\$

Street
City

SEP Permian, LLC
9655 Katy Freeway
Suite 500
Houston, TX 77024

SANTA FE NM
FEB 11 2021
USPO 87504

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY		
- Complete items 1, 2, and 3. - Print your name and address on the reverse so that we can return the card to you. - Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature ☐ Agent ☐ Addressee X B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No		
1. Article Addressed to: SEP Permian, LLC 9655 Katy Freeway Suite 500 Houston, TX 77024  9590 9403 0913 5223 4534 68	3. Service Type <table border="0"> <tr> <td> ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery </td> <td> ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery </td> </tr> </table>	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery		
2. Article Number (Transfer from service label) 7015 1730 0000 9774 2618	Restricted Delivery		

USPS Tracking®

[FAQs >](#)

Track Another Package +

Tracking Number: 70151730000097742618

[Remove X](#)

Your item has been delivered to an agent for final delivery in HOUSTON, TX 77024 on February 5, 2021 at 10:36 am.

Delivered to Agent

February 5, 2021 at 10:36 am
Delivered to Agent for Final Delivery
HOUSTON, TX 77024

SEP Permian, LLC
9655 Katy Freeway
Suite 500
Houston, TX 77024

Feedback

Get Updates 

Text & Email Updates



Tracking History



Product Information



See Less 

Can't find what you're looking for?

Go to our [FAQs](#) section to find answers to your tracking questions.

USPS TRACKING#

9590 9403 0913 5223 4534 51

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box.

**MONTGOMERY
& ANDREWS**
LAW FIRM

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

PLACED STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

CERTIFIED MAIL®

7015 1730 0000 9774 2625
7015 1730 0000 9774 2625

Certified Mail Fee
\$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$
☐ Return Receipt (electronic)	\$
☐ Certified Mail Restricted Delivery	\$
☐ Adult Signature Required	\$
☐ Adult Signature Restricted Delivery	\$

Postage
\$

Total
\$

Sent to
Street
City, State, ZIP+4®

Way West Oil Co.
P.O. Box 1647
Longview, TX 75606-1647

PS Form 3800, April 2010 PSN 7530-02-000-9053 See Reverse for Instructions

SANTA FE NM
FEB - 1 2021
USPO 87504

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Way West Oil Co.
P.O. Box 1647
Longview, TX 75606-1647

2. Article Number (Transfer from service label)
7015 1730 0000 9774 2625

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

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

3. Service Type

☐ Adult Signature	☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery	☐ Registered Mail™
☒ Certified Mail®	☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery	☒ Return Receipt for Merchandise
☐ Collect on Delivery	☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery	☐ Signature Confirmation Restricted Delivery

9590 9403 0913 5223 4534 51

USPS Tracking®

FAQs >

Track Another Package +

Tracking Number: 70151730000097742625

Remove X

Your item was delivered at 8:00 am on February 9, 2021 in LONGVIEW, TX 75601.

 **Delivered**

February 9, 2021 at 8:00 am
Delivered
LONGVIEW, TX 75601

Way West Oil Co.
P.O. Box 1647
Longview, TX 75606-1647

Feedback

Get Updates ∨

Text & Email Updates



Tracking History



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box•



MONTGOMERY
& ANDREWS
LAW FIRM

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter



7015 1730 0000 9774 2632
7015 1730 0000 9774 2632

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage

The Bright Company, LLC
6341 Balmy Ln.
Zephyrhills, FL 33542

SANTA FE NM
Postmark
FEB 2021
USPO 87504

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

The Bright Company, LLC
6341 Balmy Ln.
Zephyrhills, FL 33542



9590 9403 0913 5223 4533 45

2. Article Number. (Transfer from service label)

7015 1730 0000 9774 2632

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- ☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Restricted Delivery

USPS Tracking®

FAQs >

Track Another Package +

Tracking Number: 70151730000097742632

Remove X

Your item has been delivered to an agent for final delivery in ZEPHYRHILLS, FL 33542 on February 4, 2021 at 10:20 am.

✓ Delivered to Agent

February 4, 2021 at 10:20 am
Delivered to Agent for Final Delivery
ZEPHYRHILLS, FL 33542

The Bright Company, LLC
6341 Balmy Ln.
Zephyrhills, FL 33542

Feedback

Get Updates ✓

Text & Email Updates



Tracking History



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

USPS TRACKING#

9590 9402 1258 5246 3550 44

United States Postal Service

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box.


MONTGOMERY & ANDREWS
LAW FIRM

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage \$

Yates Energy Corporation
P.O. Box 2323
Roswell, NM 88202-2323

SANTA FE NM
FEB - 1 2011
USPO 87504

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Yates Energy Corporation
P.O. Box 2323
Roswell, NM 88202-2323

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2649

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☐ Agent ☒ Addressee

B. Received by (Printed Name) C. Date of Delivery

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

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt



FAQs >

Track Another Package +

Tracking Number: 70151730000097742649

Remove X

Your item was delivered at 10:21 am on February 4, 2021 in ROSWELL, NM 88201.



February 4, 2021 at 10:21 am
Delivered
ROSWELL, NM 88201

Yates Energy Corporation
P.O. Box 2323
Roswell, NM 88202-2323

Feedback

Get Updates ✓

Text & Email Updates



Tracking History



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

USPS TRACKING #

9590 9402 1258 5246 3550 37

United States Postal Service

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10


MONTGOMERY & ANDREWS
LAW FIRM

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

CERTIFIED MAIL

7015 1730 0000 9774 2656
7015 1730 0000 9774 2656

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

SANTA FE NM
FEB - 1 2021
Postmark Here
USPO 87504

Murchison Oil & Gas, Inc.
7250 Dallas Pkwy, #1400
Plano, TX 75024

See reverse for instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Murchison Oil & Gas, Inc. 7250 Dallas Pkwy, #1400 Plano, TX 75024 2. Article Number (Transfer from service label) 7015 1730 0000 9774 2656	A. Signature X ☐ Agent ☐ Addressee B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Adult Signature ☐ Priority Mail Express® ☐ Adult Signature Restricted Delivery ☐ Registered Mail™ ☐ Certified Mail® ☐ Registered Mail Restricted Delivery ☐ Certified Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Collect on Delivery ☐ Signature Confirmation™ ☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery ☐ Insured Mail ☐ Restricted Delivery

USPS Tracking®

FAQs >

Track Another Package +

Tracking Number: 70151730000097742656

Remove X

Your item was delivered to an individual at the address at 1:45 pm on February 6, 2021 in PLANO, TX 75024.

 **Delivered**

February 6, 2021 at 1:45 pm
Delivered, Left with Individual
PLANO, TX 75024

Murchison Oil & Gas, Inc.
7250 Dallas Pkwy, #1400
Plano, TX 75024

Feedback

Get Updates ✓

Text & Email Updates



Tracking History



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

USPS TRACKING#



9590 9402 1258 5246 3550 20

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box.

MONTGOMERY
& ANDREWS
LAW FIRM100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109Longfellow/Hendrix wells
15392-1901 (STS)
Notice LetterFirst-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS FOLD AT DOTTED LINE

CERTIFIED MAIL®

7015 1730 0000 9774 2663
7015 1730 0000 9774 2663U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com®.

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$
- ☐ Return Receipt (electronic) \$
- ☐ Certified Mail Restricted Delivery \$
- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

Postage

\$

Apache Corp.
2000 Post Oak Blvd.
Suite 100
Houston, TX 77056-4400SANTA FE NM
FEB - 1 2021
USPO 87504

for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Apache Corp.
2000 Post Oak Blvd.
Suite 100
Houston, TX 77056-4400

9590 9402 1258 5246 3550 20

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2663

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

USPS Tracking®

[FAQs >](#)

Track Another Package +

Tracking Number: 70151730000097742663

[Remove X](#)

Your item was delivered to an individual at the address at 12:48 pm on February 4, 2021 in HOUSTON, TX 77056.

Delivered

February 4, 2021 at 12:48 pm
Delivered, Left with Individual
HOUSTON, TX 77056

Apache Corp.
2000 Post Oak Blvd.
Suite 100
Houston, TX 77056-4400

Feedback

Get Updates 

Text & Email Updates



Tracking History



Product Information



See Less 

Can't find what you're looking for?

Go to our [FAQs](#) section to find answers to your tracking questions.

USPS TRACKING#

9590 9402 1258 5246 3567 20

United States Postal Service

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box.

MONTGOMERY & ANDREWS
LAW FIRM

P.O. Box 2307
Santa Fe, New Mexico 87504-2307

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

7015 1730 0000 9774 2717

7015 1730 0000 9774 2717

CORBETT PETROLEUM
P.O. Box 11644
Spring, TX 77391-1644

SANTA FE NM
FEB -1 2021
USPO 87504

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Corbett Petroleum
P.O. Box 11644
Spring, TX 77391-1644

9590 9402 1258 5246 3567 20

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2717

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Mail Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

USPS Tracking®

[FAQs >](#)

Track Another Package +

Tracking Number: 70151730000097742717

[Remove X](#)

Your item has been delivered and is available at a PO Box at 11:18 am on February 8, 2021 in SPRING, TX 77379.

Delivered

February 8, 2021 at 11:18 am
Delivered, PO Box
SPRING, TX 77379

Corbett Petroleum
P.O. Box 11644
Spring, TX 77391-1644

Feedback

Get Updates 

Text & Email Updates



Tracking History



Product Information



See Less 

Can't find what you're looking for?

Go to our [FAQs](#) section to find answers to your tracking questions.

USPS TRACKING#

9590 9402 1258 5246 3566 76

**United States
Postal Service**


**MONTGOMERY
& ANDREWS**
LAW FIRM

P.O. Box 2307
 Santa Fe, New Mexico 87504-2307

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4® in this box.

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage \$

To: Mark E. Boling Rev Trust
8210 Louisiana Blvd., NE
Suite B
Albuquerque, NM 87113

PS Form 3811, July 2015 PSN 7530-02-000-9053

Instructions

7015 1730 0000 9774 2762
 7015 1730 0000 9774 2762

SANTA FE, NM
 FEB -1 2021
 USPO 87504

SENDER: COMPLETE THIS SECTION

☒ Complete items 1, 2, and 3.
☒ Print your name and address on the reverse so that we can return the card to you.
☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mark E. Boling Rev Trust
8210 Louisiana Blvd., NE
Suite B
Albuquerque, NM 87113

9590 9402 1258 5246 3566 76
 7015 1730 0000 9774 2762

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2762

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt



FAQs >

Track Another Package +

Tracking Number: 70151730000097742762

Remove X

Your item has been delivered to an agent for final delivery in ALBUQUERQUE, NM 87113 on February 5, 2021 at 1:30 pm.

✓ Delivered to Agent

February 5, 2021 at 1:30 pm
Delivered to Agent for Final Delivery
ALBUQUERQUE, NM 87113

Mark E. Boling Rev Trust
8210 Louisiana Blvd., NE
Suite B
Albuquerque, NM 87113

Feedback

Get Updates ✓

Text & Email Updates



Tracking History



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

USPS TRACKING#

9590 9402 1258 5246 3574 99

United States Postal Service


MONTGOMERY & ANDREWS
 LAW FIRM
 100 Sun Avenue, NE, Suite 410
 Albuquerque, New Mexico 87109

• Sender: Please print your name, address, and ZIP+4® in this box •
 Longfellow/Hendrix wells
 15392-1901 (STS)
 Notice Letter

First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate):
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$

Spiral, Inc.
 P.O. Box 1933
 Roswell, NM 88202

SANTA FE NM
 FEB -1 2021
 USPO 87504

for instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Spiral, Inc. P.O. Box 1933 Roswell, NM 88202 9590 9402 1258 5246 3574 99 2. Article Number (Transfer from service label) 7015 1730 0000 9774 2809	A. Signature X ☐ Agent ☐ Addressee B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No 3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail ☐ Mail Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery

USPS Tracking®

FAQs >

Track Another Package +

Tracking Number: 70151730000097742809

Remove X

Your item was delivered at 10:21 am on February 12, 2021 in ROSWELL, NM 88201.

 **Delivered**

February 12, 2021 at 10:21 am
Delivered
ROSWELL, NM 88201

Spiral, Inc.
P.O. Box 1933
Roswell, NM 88202

Feedback

Get Updates ▼

Text & Email Updates



Tracking History



Product Information



See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

USPS TRACKING #

9590 9402 1257 5246 5825 71

United States Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box•

MONTGOMERY & ANDREWS
LAW FIRM

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

CERTIFIED MAIL

7015 1730 0000 9774 2670
7015 1730 0000 9774 2670

Certified Mail Fee
\$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage

American Standard Energy Co.
400 W. Illinois St.
Suite 950
Midland, TX 79701

SANTA FE NM
FEB 1 2021
USPO 87504

PS Form 3811, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

American Standard Energy Co.
400 W. Illinois St.
Suite 950
Midland, TX 79701

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2670

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

American Standard Energy Co.
400 W. Illinois St.
Suite 950
Midland, TX 79701

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2670

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Mail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

7015 1730 0000 9774 2670



**MONTGOMERY
& ANDREWS
LAW FIRM**

P.O. Box 2307
Santa Fe, New Mexico 87504-2307

American Standard Energy Co.
400 W. Illinois St.
Suite 950
Midland, TX 79701

BC: 87504230707

2067N043223-01409

RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD

NIXIE 731 E21

0102/12/21

USPS TRACKING#



9590 9402 1257 5246 5825 71

**United States
Postal Service**

• Sender: Please print your name, address, and ZIP+4® in this box•



**MONTGOMERY
& ANDREWS
LAW FIRM**

100 Sun Avenue, NE, Suite 410
Albuquerque, New Mexico 87109

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter

Released to Imaging: 6/11/2021 7:48:26 AM



02 1P
0000929124
MAILED FROM Z
UNITED STATES POSTAGE

USPS TRACKING#



9590 9402 1258 5246 3567 44

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box*

MONTGOMERY
& ANDREWS
LAW FIRMP.O. Box 2307
Santa Fe, New Mexico 87504-2307Longfellow/Hendrix wells
15392-1901 (STS)
Notice LetterFirst-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS FOLD ALONG DOTTED LINE
CERTIFIED MAIL7015 1730 0000 9774 2694
7015 1730 0000 9774 2694U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com™.

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage

\$

G.P.C. Oil and Gas Corp.
P.O. Box 50638
Midland, TX 79710-0638SANTA FE NM
FEB -1 2021
USPO 87504

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

G.P.C. Oil and Gas Corp.
P.O. Box 50638
Midland, TX 79710-0638

9590 9402 1258 5246 3567 44

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2694

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☒ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
Mail Restricted Delivery
(0)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

G.P.C. Oil and Gas Corp.
P.O. Box 50638
Midland, TX 79710-0638



9590 9402 1258 5246 3567 44

2. Article Number (Transfer from service label)

7015 1730 0000 9774 2694

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Mail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

7015 1730 0000 9774 2694



P.O. Box 2307
Santa Fe, New Mexico 87504-2307

G.P.C. Oil and Gas Corp.
P.O. Box 50638
Midland, TX 79710-0638

**MONTGOMERY
& ANDREWS**
LAW FIRM

EC: 87504230707 2067055187-01534

RETURN TO SENDER
ATTEMPTED - NOT KNOWN
UNABLE TO FORWARD

NEXIE 731 F2.1

0002/24/21

USPS TRACKING#



9590 9402 1258 5246 3567 44

United States
Postal Service

* Sender: Please print your name, address, and ZIP+4® in this box*



**MONTGOMERY
& ANDREWS**
LAW FIRM

P.O. Box 2307
Santa Fe, New Mexico 87504-2307

Longfellow/Hendrix wells
15392-1901 (STS)
Notice Letter



Carlsbad Current Argus.

PART OF THE MEDIA TODAY NETWORK

Affidavit of Publication

Ad # 0004586107

This is not an invoice

MONTGOMERY & ANDREWS P.A.
PO BOX 2307

SANTA FE, NM 87504

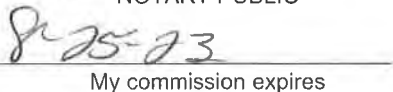
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

02/04/2021


Legal Clerk

Subscribed and sworn before me this February 4,
2021:


State of WI, County of Brown
NOTARY PUBLIC


My commission expires



Ad # 0004586107
PO #: 0004586107
of Affidavits 1

This is not an invoice

EXHIBIT B -
Affidavit of Notice

NOTICE

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

SEP Permian, LLC; Way West Oil Co.; The Bright Company, LLC; Yates Energy Corporation; Murchison Oil & Gas, Inc.; Apache Corp.; American Standard Energy Co.; Chisos, Ltd.; G.P.C. Oil and Gas Corp.; Abuelo, LLC; Corbett Petroleum; Ergodic Resources, LLC; Explorers Petroleum Corp.; Fasken Land and Minerals, Ltd.; Loco Hills Production Comp, LLC; Mark E. Boling Rev Trust; Mark Wilson Family Partnership; MRC Delaware Resources, LLC; Silverhair, LLC; Spiral, Inc.; and the New Mexico State Land Office.

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

Case No. 21651. Application of Longfellow Energy, LP for Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division pooling all uncommitted interests in the Yeso formation (Empire; Glorieta-Yeso [96210]) in a standard 480-acre, more or less, horizontal spacing and proration unit ("HSU") comprised of the NE/4 of Section 14 and the N/2 of Section 13, all within Township 17 South, Range 28 East, NMPM, in Eddy County, New Mexico. Applicant proposes to drill the following wells: (1) Hendrix State Com 1314 ABX 001H well, to be horizontally drilled from an approximate surface hole location 361' FNL and 2400' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 347' FNL and 20' FEL of Section 13, T17S-R28E; (2) Hendrix State Com 1314 ABX 002H well, to be horizontally drilled from an approximate surface hole location 386' FNL and 2400' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 800' FNL and 20' FEL of Section 13, T17S-R28E; (3) Hendrix State Com 1314 ABX 003H well, to be horizontally drilled from an approximate surface hole location 1703' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1254' FNL and 20' FEL of Section 13, T17S-R28E; (4) Hendrix State Com 1314 ABX 004H well, to be horizontally drilled from an approximate surface hole location 1728' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 1708' FNL and 20' FEL of Section 13, T17S-R28E; and (5) Hendrix State Com 1314 ABX 005H well, to be horizontally drilled from an approximate surface hole location 1753' FNL and 2428' FEL of Section 14, T17S-R28E, to an approximate bottom hole location 2161' FNL and 20' FEL of Section 13, T17S-R28E. The completed intervals and first and last take points for these wells will meet statewide setback requirements for horizontal wells. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant as Operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 9 miles west of Loco Hills, New Mexico.

This application will be set for hearing before a Division Examiner at the New Mexico Oil Conservation Division in Santa Fe, New Mexico on **March 4, 2021, at 8:15 a.m.** During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on **March 4, 2021** beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <http://www.emnrd.state.nm.us/OCD/hearings.html>. 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 this application at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance by **February 24, 2021**, and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement by **February 25, 2020**, in accordance with Division Rule 19.15.4.13 NMAC. For further information, contact the applicant's attorney, Sharon T. Shaheen, Montgomery & Andrews, P.A., 325 Paseo de Peralta, Santa Fe, New Mexico 87501, (505) 986-2678.

#4586107, Current Argus, February 4, 2021