

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

**APPLICATION OF LONGFELLOW
ENERGY, LP FOR APPROVAL OF
SURFACE COMMINGLING, EDDY
COUNTY, NEW MEXICO**

CASE NO. _____

APPLICATION

Longfellow Energy, LP, OGRID No. 372210 (“Longfellow” or “Applicant”), through its undersigned attorneys, hereby files this Application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, § 70-2-12(B)(13), for an order approving surface commingling (lease). In support of its application, Longfellow provides:

1. Attached is a complete surface commingling application (lease) that contains all the information necessary for approval and that was filed with the Division for administrative approval on June 18, 2026. *See* APP No: pSYC2616960166, attached as **Exhibit A**, and incorporated herein.¹

2. The administrative application was protested by Spur Energy Partners LLC (“Spur”) on June 30, 2026. *See* **Exhibit B**. Longfellow communicated with Spur in good faith to try and resolve the matter but was unable to do so. Longfellow therefore requests that its application be set for hearing pursuant to 19.15.12.10.(C)(4)(c-d) NMAC.

¹ This surface commingling application is for diverse ownership of gas production, which requires notice to all “parties (interest owners) owning an interest in the production to be commingled (including owners of royalty and overriding royalty interests whether or not they have a right or option to take their interests in kind).” *See* 19.15.12.10.(C)(4)(b) NMAC.

WHEREFORE, Longfellow requests that this application be set for hearing before an Examiner of the Oil Conservation Division on October 8, 2026, and, after notice and hearing as required by law, the Division enter an order approving this application.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By: 

Miguel A. Suazo

James P. Parrot

Jacob L. Everhart

Ryan McKee

Raj Lahoti

500 Don Gaspar Ave.,

Santa Fe, NM 87505

(505) 946-2090

msuazo@bwenergylaw.com

jparrot@bwenergylaw.com

jeverhart@bwenergylaw.com

rmckee@bwenergylaw.com

rlahoti@bwenergylaw.com

Attorneys for Longfellow Energy, LP

Application of Longfellow Energy, LP, for Approval of Surface Commingling, Eddy County, New Mexico. Longfellow Energy, LP, (OGRID No. 372210) seeks an order approving surface commingling (lease) from diversely owned gas production at the Petty and Van Halen gas sales meter from the Petty 31 A, Petty 31 B, Petty 31 C, Petty 31 D, Van Halen 33 AB, Van Halen 33 C, and Van Halen 33 D Pads and from the spacing units collectively comprised of the 301.73-acre spacing unit comprised of Lots 1-2, E/2 NW/4 and NE/4 of irregular Section 31, in the Cedar Lake; Glorieta-Yeso pool [96831], the 302.07-acre spacing unit comprised of Lots 3-4, E/2 SW/4 and SE/4 of irregular Section 31, in the Cedar Lake; Glorieta-Yeso pool [96831], the 320-acre spacing unit comprised of the N/2 of Section 33, in the Cedar Lake; Glorieta-Yeso pool [96831], and the 320-acre spacing unit comprised of the S/2 of Section 33, in the Cedar Lake; Glorieta-Yeso pool [96831], Township 16 South, Range 31 East, N.M.P.M., Eddy County, New Mexico (the "Lands"). Said area is located approximately 7.1 miles northwest of Maljamar, New Mexico.

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Longfellow Energy, LP **OGRID Number:** 372210
Well Name: Van Halen and Petty wells **API:** 30-015-various
Pool: Cedar Lake; Glorieta-Yeso **Pool Code:** 96831

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC ☒ CTB ☐ PLC ☐ PC ☒ OLS ☒ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
2) **NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☐ Offset operators or lease holders
 B. ☒ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☐ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☐ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application Content Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

June 18, 2026

Date

Paula M. Vance

Print or Type Name

505-988-4421

Phone Number

pmvance@hollandhart.com

e-mail Address

Signature



Paula M. Vance
Associate
Phone (505) 988-4421
Fax (505) 819-5579
pmvance@hollandhart.com

June 18, 2026

VIA ONLINE FILING

Albert Chang, Division Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Longfellow Energy, LP for administrative approval to surface commingle (lease), as well as off-lease measurement and off-lease storage, gas production from spacing units comprised of Lots 1-4, E/2 W/2 and E/2 (All equivalent) of irregular Section 31 and All of Section 33, Township 16 South, Range 31 East, NMPM, Eddy County, New Mexico (the "Lands")

Dear Mr. Chang:

Longfellow Energy, LP (OGRID No. 372210), pursuant to 19.15.12.10 NMAC, seeks administrative approval to surface commingle (lease), as well as off-lease measurement and off-lease storage, from diversely owned gas production at the **Petty and Van Halen gas sales meter** *insofar as all existing and future wells drilled in the following spacing units:*

(a) The 301.73-acre spacing unit comprised of Lots 1-2, E/2 NW/4 and NE/4 of irregular Section 31, in the Cedar Lake; Glorieta-Yeso [96831] – currently dedicated to the **Petty 31AB Federal Com 1H** (API. No. 30-015-PENDING), **Petty 31AB Federal Com 2H** (API. No. 30-015-PENDING), **Petty 31AB Federal Com 3H** (API. No. 30-015-PENDING), **Petty 31AB Federal Com 4H** (API. No. 30-015-PENDING), **Petty 31AB Federal Com 5H** (API. No. 30-015-PENDING), **Petty 31AB Federal Com 6H** (API. No. 30-015-PENDING), **Petty 31AB Federal Com 7H** (API. No. 30-015-PENDING), and **Petty 31AB Federal Com 8H** (API. No. 30-015-PENDING);

(b) The 302.07-acre spacing unit comprised of Lots 3-4, E/2 SW/4 and SE/4 of irregular Section 31, in the Cedar Lake; Glorieta-Yeso [96831] – currently dedicated to the **Petty 31CD Federal Com 1H** (API. No. 30-015-PENDING), **Petty 31CD Federal Com 2H** (API. No. 30-015-PENDING), **Petty 31CD Federal Com 3H** (API. No. 30-015-PENDING), **Petty 31CD Federal Com 4H** (API. No. 30-015-PENDING), **Petty 31CD Federal Com 5H** (API. No. 30-015-PENDING), **Petty 31CD Federal Com 6H** (API. No. 30-015-58054), **Petty 31CD Federal Com 7H** (API. No. 30-015-PENDING), **Petty 31CD**

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

Federal Com 8H (API. No. 30-015-PENDING), and **Petty 31CD Federal Com 9H** (API. No. 30-015-PENDING);

(c) The 320-acre spacing unit comprised of the N/2 of Section 33, in the Cedar Lake; Glorieta-Yeso [96831] – currently dedicated to the **Van Halen 33AB Federal Com 1H** (API. No. 30-015-PENDING), **Van Halen 33AB Federal Com 2H** (API. No. 30-015-PENDING), **Van Halen 33AB Federal Com 3H** (API. No. 30-015-PENDING), **Van Halen 33AB Federal Com 4H** (API. No. 30-015-PENDING), **Van Halen 33AB Federal Com 5H** (API. No. 30-015-PENDING), **Van Halen 33AB Federal Com 6H** (API. No. 30-015-PENDING), **Van Halen 33AB Federal Com 7H** (API. No. 30-015-PENDING), and **Van Halen 33AB Federal Com 8H** (API. No. 30-015-PENDING);

(d) The 320-acre spacing unit comprised of the S/2 of Section 33, in the Cedar Lake; Glorieta-Yeso [96831] – currently dedicated to the **Van Halen 33CD Federal Com 1H** (API. No. 30-015-PENDING), **Van Halen 33CD Federal Com 2H** (API. No. 30-015-PENDING), **Van Halen 33CD Federal Com 3H** (API. No. 30-015-PENDING), **Van Halen 33CD Federal Com 4H** (API. No. 30-015-PENDING), **Van Halen 33CD Federal Com 5H** (API. No. 30-015-58055), **Van Halen 33CD Federal Com 6H** (API. No. 30-015-58056), **Van Halen 33CD Federal Com 7H** (API. No. 30-015-PENDING), and **Van Halen 33CD Federal Com 8H** (API. No. 30-015-PENDING); and

(e) Pursuant to 19.15.12.10.C(4)(g), *from all future additions of pools, leases or leases and pools to the Petty and Van Halen gas sales meter* with notice provided only to the owners of interests to be added.

Gas production from these spacing units will be commingled and sold at the **Petty and Van Halen gas sales meter** located in the NW/4 NW/4 (Unit D) of Section 33, Township 16 South, Range 31 East. Each well is equipped with a three-phase separator and metered. Gas production from the separator will be individually metered with a calibrated orifice meter that is manufactured to AGA specifications.

Exhibit 1 is a land plat showing Longfellow's current development plan, flow lines, well pads, and the gas sales meter in the subject area. The plat also identifies the wellbores and lease/spacing unit boundaries.

Exhibit 2 is a completed Application for Surface Commingling (Diverse Ownership) Form C-107-B, that includes a statement from Alex Goldberg, Facilities Engineer with Longfellow, identifying the facilities and the measurement devices to be utilized, and a detailed schematic of the surface facilities (Exhibit A to the statement).

Exhibit 3 is a well list and C-102 for each of the wells currently permitted or drilled within the existing spacing units.

Exhibit 4 includes relevant communitization agreements.

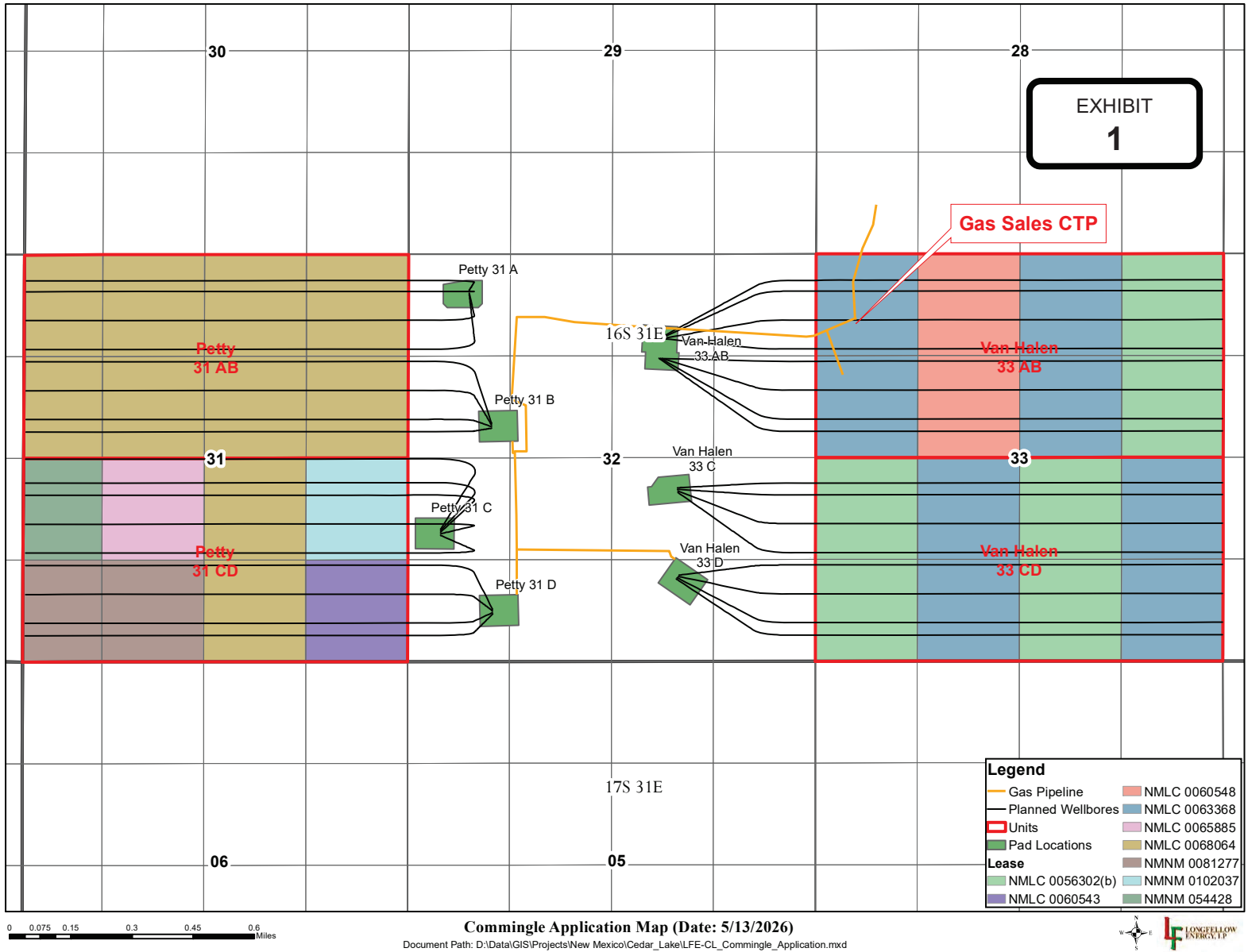
Ownership is diverse between the above-described spacing units, each of which are either subject to a pooling agreement or a pooling order and are therefore considered “leases” as defined by 19.15.12.7(C) NMAC. **Exhibit 5** is a list of the interest owners (including any owners of royalty or overriding royalty interests) affected by this application, an example of the letters sent by certified mail advising the interest owners that any objections must be filed in writing with the Division within 20 days from the date the Division receives this application, and proof of mailing. A copy of this application has been provided to the Bureau of Land Management since federal lands are involved.

Thank you for your attention to this matter, and please feel free to call if you have any questions or require additional information.

Sincerely,



Paula M. Vance
ATTORNEY FOR LONGFELLOW ENERGY, LP



Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION

1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Online Phone Directory Visit:
<https://www.emnrd.nm.gov/oed/contact-us/>

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Longfellow Energy, LP

OPERATOR ADDRESS: 8115 Preston Road, Ste 800, Dallas, TX 75225

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☒ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No

(4) Measurement type: ☐ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code. Cedar Lake; Glorieta-Yeso [96831]

(2) Is all production from same source of supply? ☒ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

(1) Is all production from same source of supply? ☒ Yes ☐ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: David C

TITLE: Sr. Engineering Technologist

DATE: 6-9-2026

TYPE OR PRINT NAME: DAVID CAIN

TELEPHONE NO.: 972-590-9918

E-MAIL ADDRESS: david.cain@longfellowenergy.com

PROCESS DESCRIPTION

The full well stream production from the Van Halen 33AB, Van Hallen 33CD, Petty 31AB, and Petty 31CD wells will flow to their designated pad facilities being the Petty 31B, Petty 31D, Van Halen 33AB, and Van Halen 33D Facilities through a well header system that directs the production to the initial point of separation that consists of individual horizontal three phase free-water knockouts all equipped with oil, gas, and water meters to monitor well performance and serve as the basis for the volume allocation methodology. The commingled gas production will be sent to a common gas scrubber at each Facility and then a low-pressure pipeline.

A detailed Flow Diagram has been attached to provide clarity to the process and volume allocations.

ALLOCATION METHODOLOGY

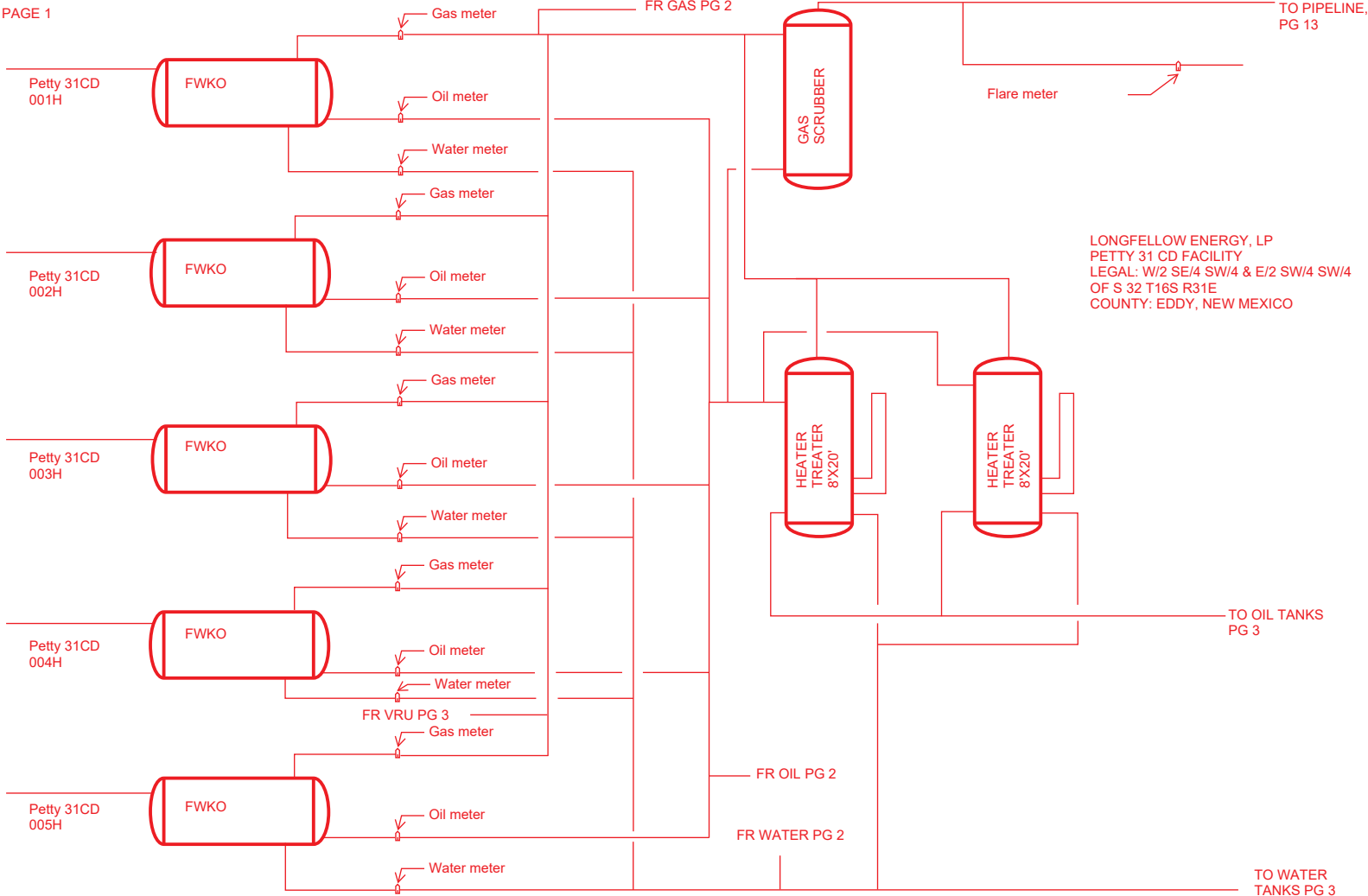
All production volume allocations will use individual well tests as the basis for allocating production, sales, flare gas, and lease use to each individual well. A measurement of oil, gas, and water volumes for each individual well will be obtained during a 24-hr period from calibrated meters over a period of days until a new well test volume is obtained. These well test volumes are proratedly used to allocate volumes to each individual well. The metered well tests will be updated at least twice per month to reflect changes in an individual well's productivity.

GAS:

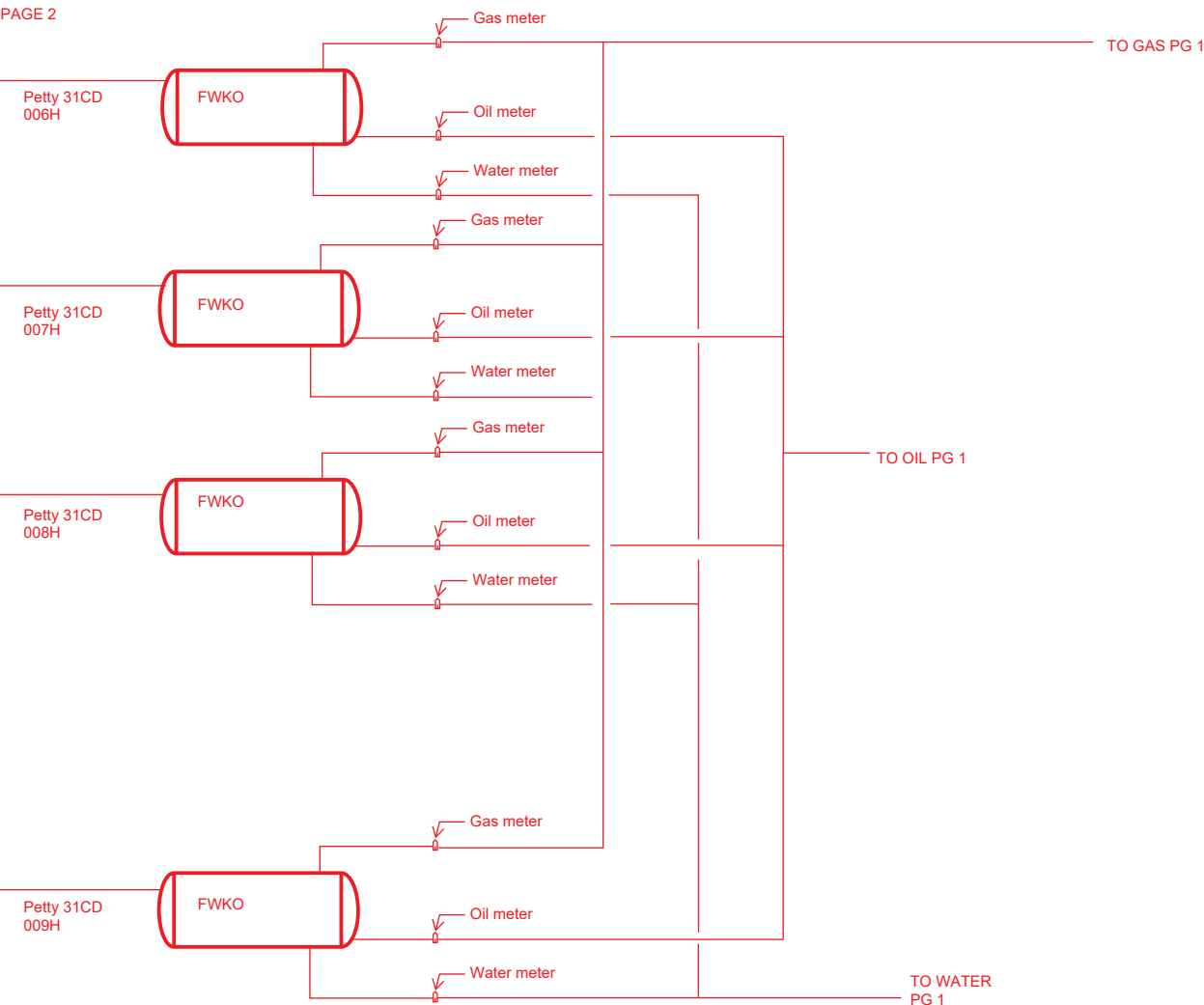
The gas production from the Van Halen 33AB 001H, 002H, 003H, 004H, 005H, 006H, 007H, and 008H wells will flow to the Van Halen 33AB Facility, the Van Halen 33CD 001H, 002H, 003H, 004H, 005H, 006H, 007H, and 008H will flow to the Van Halen D facility. The Petty 31AB 001H, 002H, 003H, 004H, 005H, 006H, 007H, and 008H will flow to the Petty 31D Facility and the Petty 31CD 001H, 002H, 003H, 004H, 005H, 006H, 007H, 008H, and 009H will flow to the Petty 31D Facility respectively. Each well will flow through a well header system that directs the production to the initial point of separation that consists of horizontal free-water knockouts all equipped with oil, gas, and water meters for purposes of conducting well tests to monitor well performance and serve as the basis for the volume allocation methodology. After initial separation, the produced gas from each well is then commingled with the wells dedicated to the same pad facility and will then flow into a common gas scrubber to remove residual water and heavy hydrocarbons. The commingled gas will then be combined with the gas from the other pad facilities and sold from the pipeline via one:

1. A low-pressure pipeline sales meter (GAS FMP 1)

The gas production and sales will be proratedly allocated to each individual well based on the metered well test rates obtained from the individual meters on the free-water knockouts. The metered well tests will be updated at least twice per month to reflect changes in an individual well's productivity.



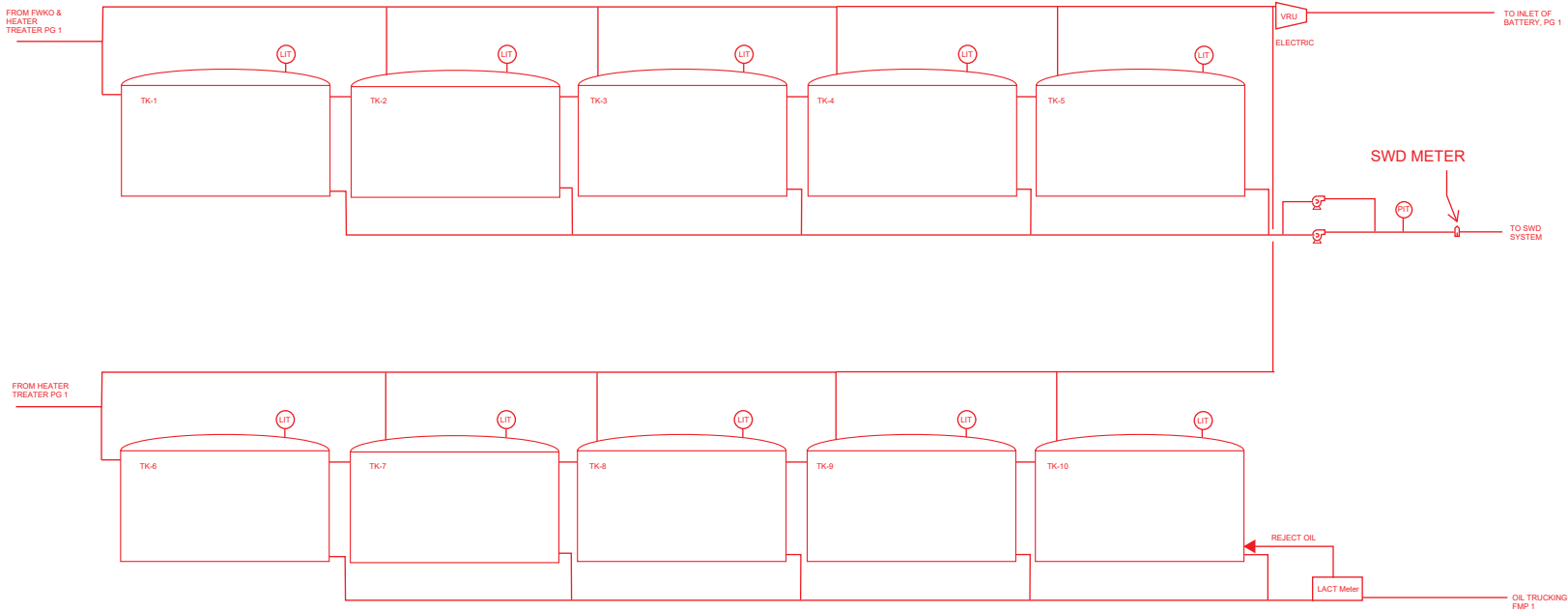
PAGE 2



PAGE 3

TK-1-5
WATER
CAPACITY: 750 BBL

TK-6-10
OIL
CAPACITY: 750 BBL



PAGE 4

Petty 31AB
001H

FWKO

Gas meter

Oil meter

Water meter

Gas meter

Petty 31AB
002H

FWKO

Oil meter

Water meter

Gas meter

Petty 31AB
003H

FWKO

Oil meter

Water meter

LONGFELLOW ENERGY, LP
PETTY 31B FACILITY
LEGAL: SW/4 SE/4 NW/4 & SE/4 SW/4
NW/4 OF S32 T16S R31E
COUNTY: EDDY, NEW MEXICO

FROM VRU PG 6

Petty 31AB
004H

FWKO

Gas meter

Oil meter

Water meter

FR GAS PG 5

GAS
SCRUBBER

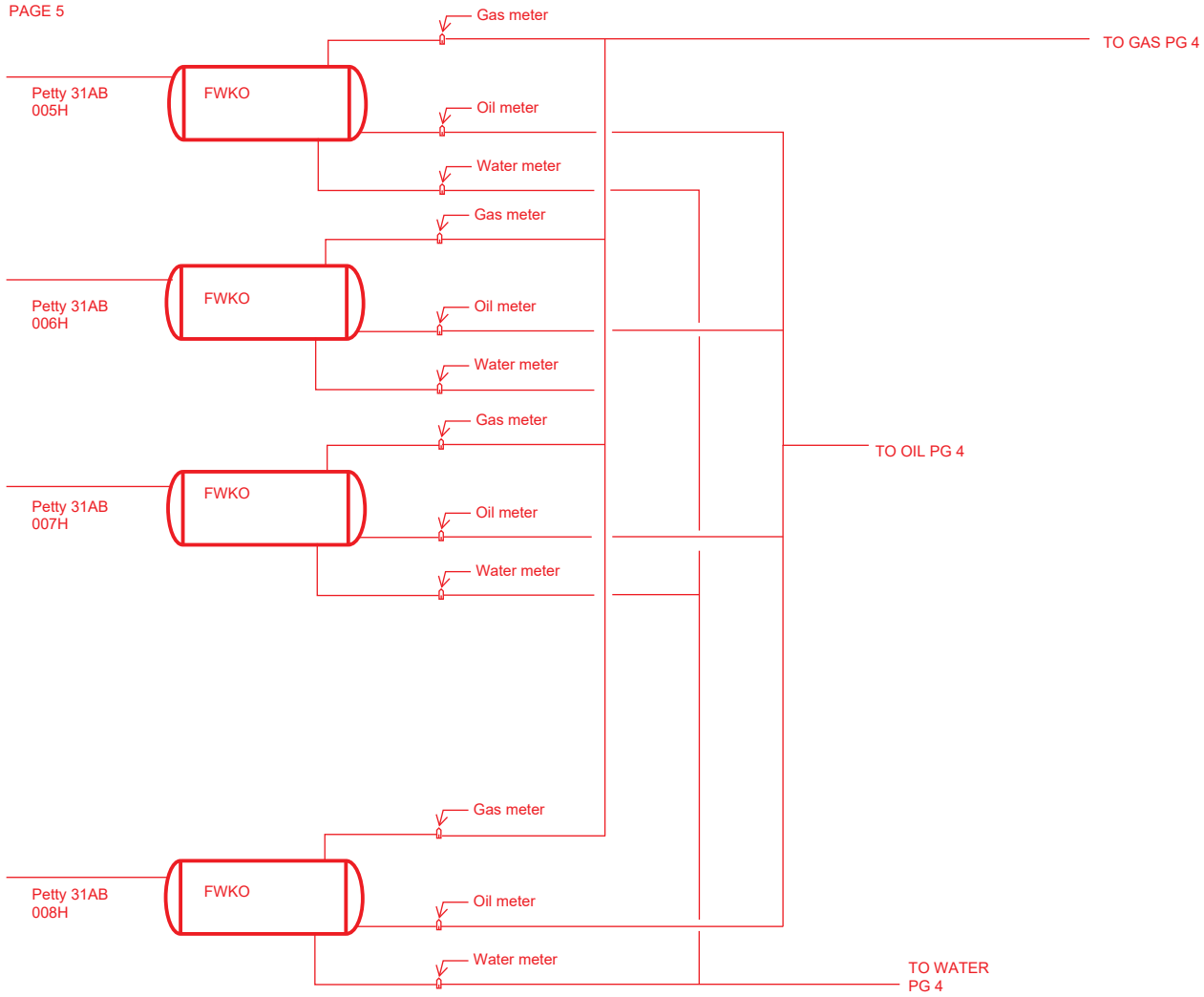
Flare meter

TO PIPELINE
PG 13HEATER
TREATER
8'X20'HEATER
TREATER
8'X20'TO OIL TANKS
PG 6

FR OIL PG 5

FR WATER PG 5

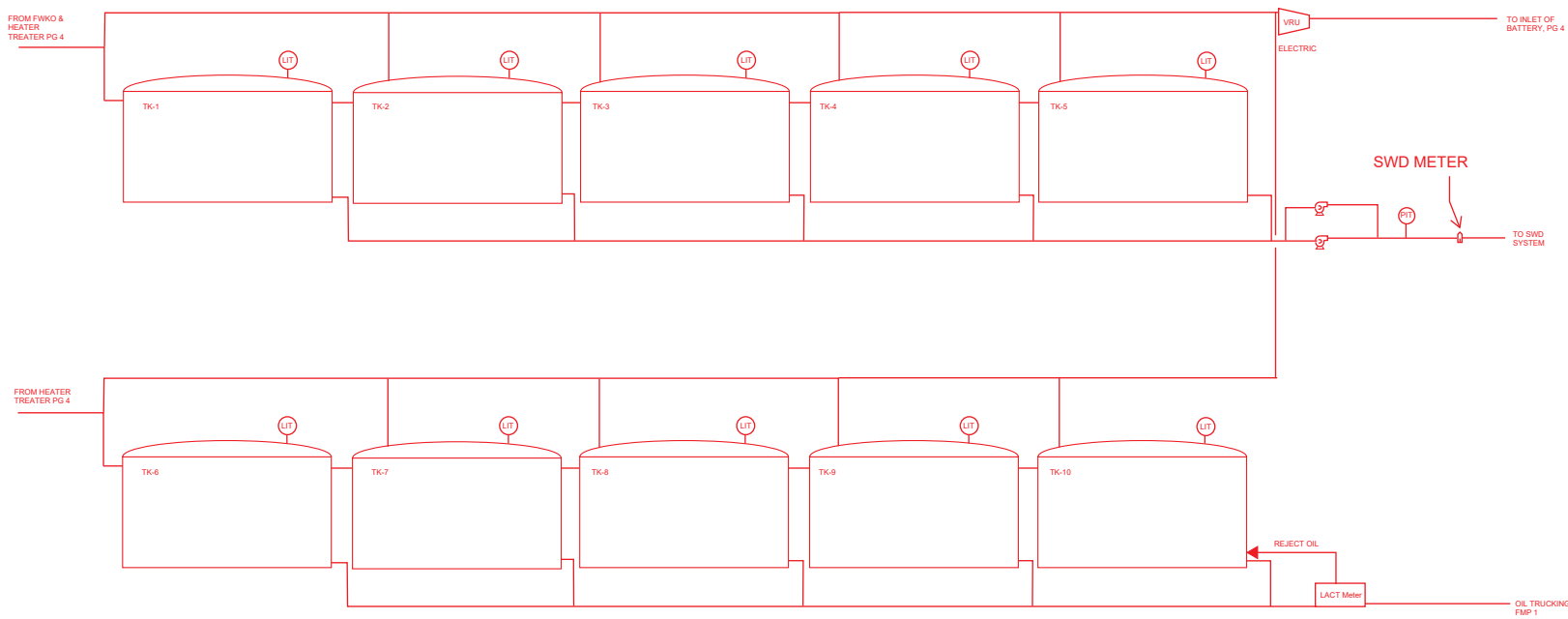
TO WATER
TANKS PG 6



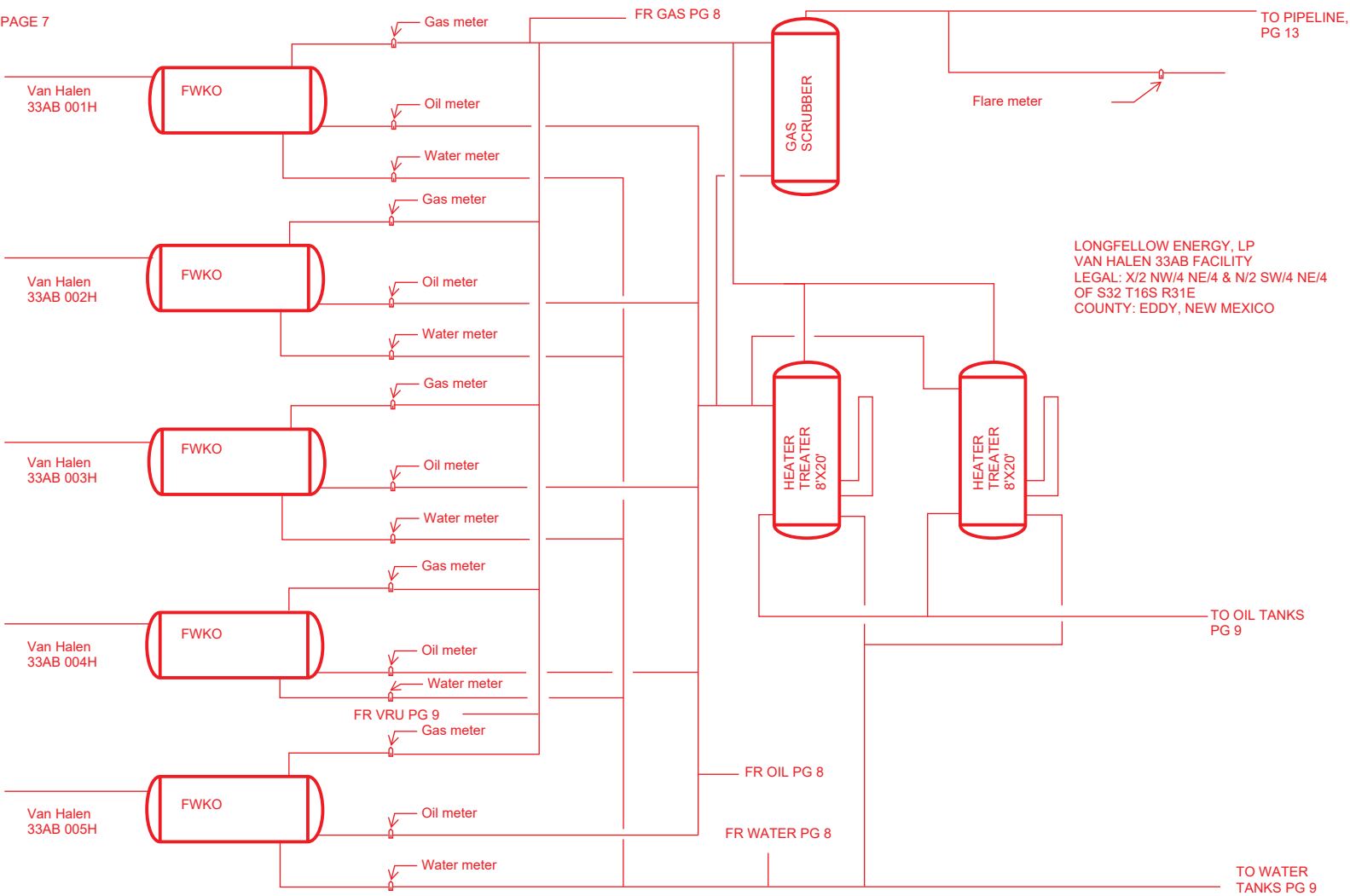
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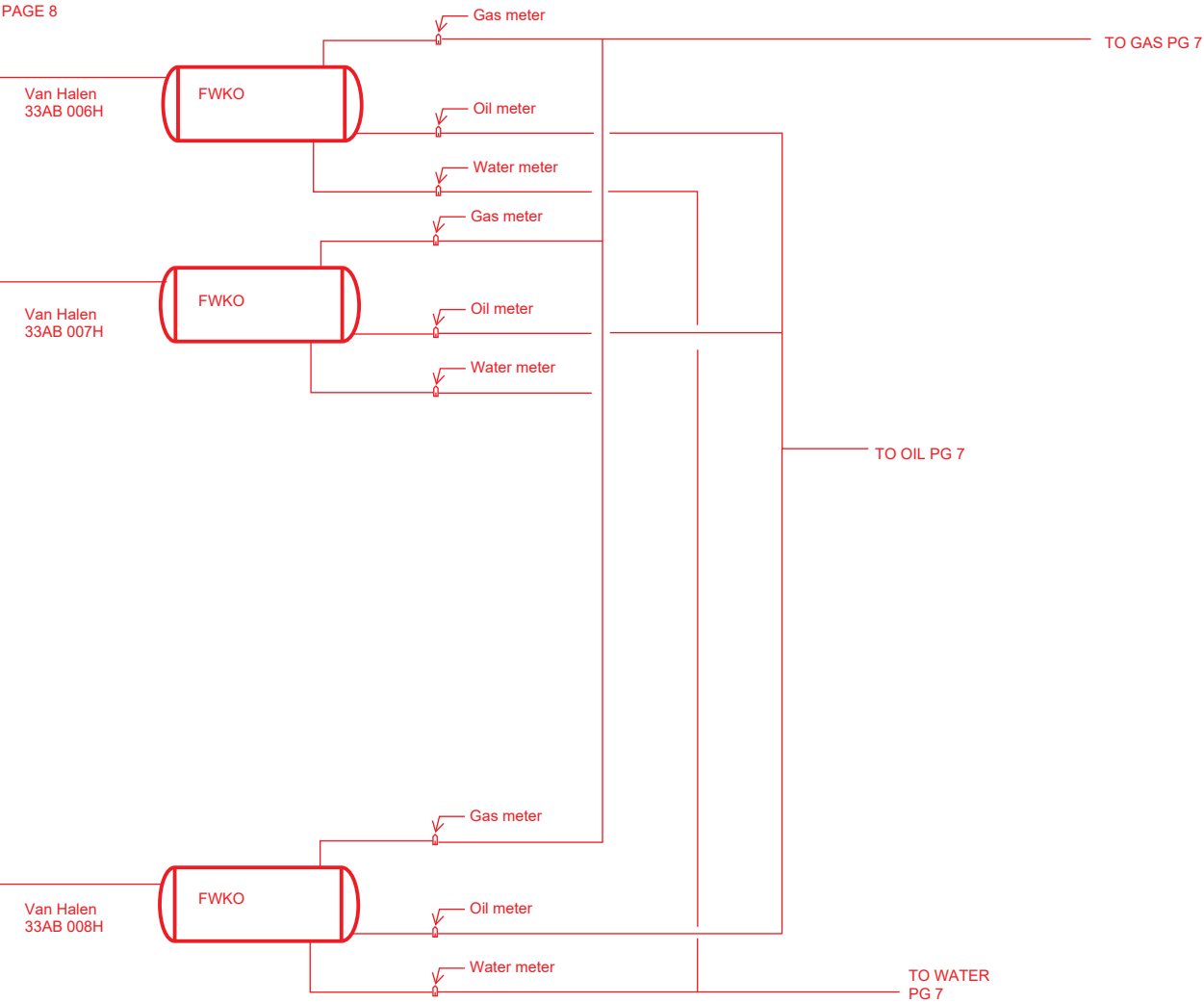
TK-1-5
WATER
CAPACITY: 750 BBL

TK-6-10
OIL
CAPACITY: 750 BBL



PAGE 7

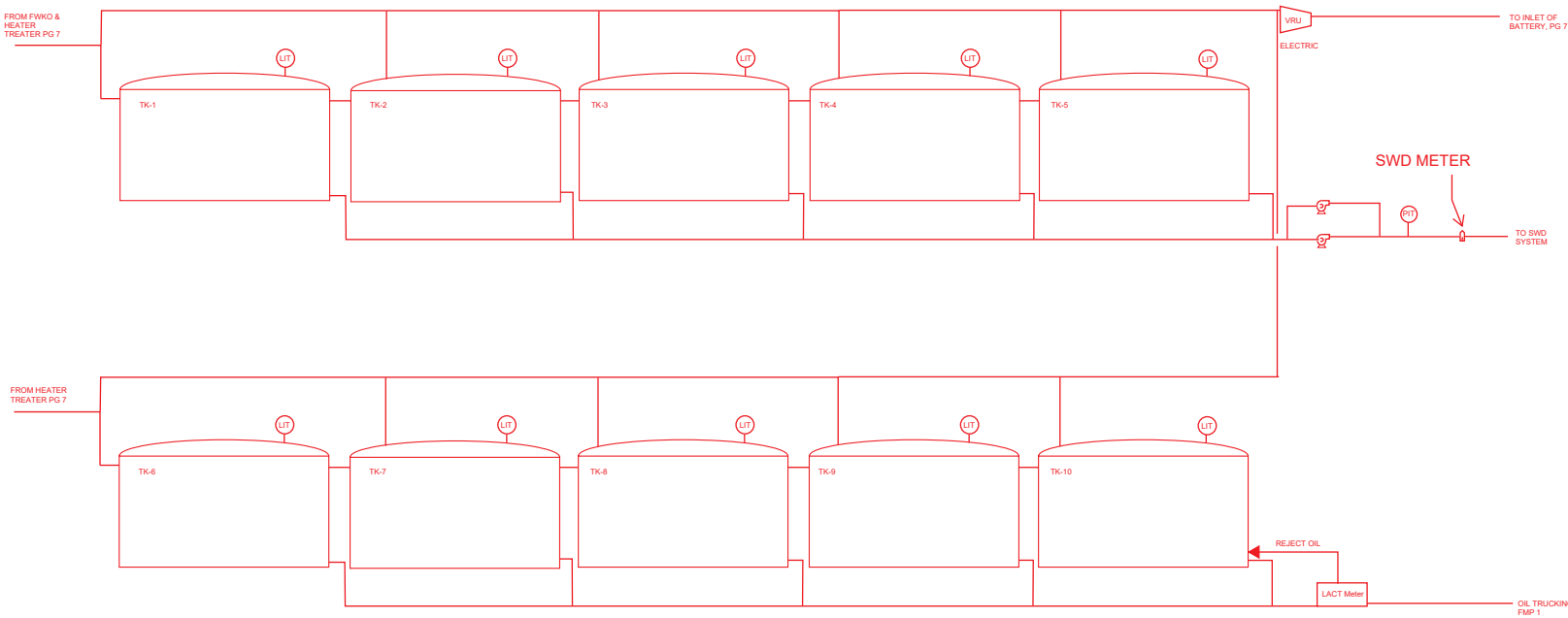


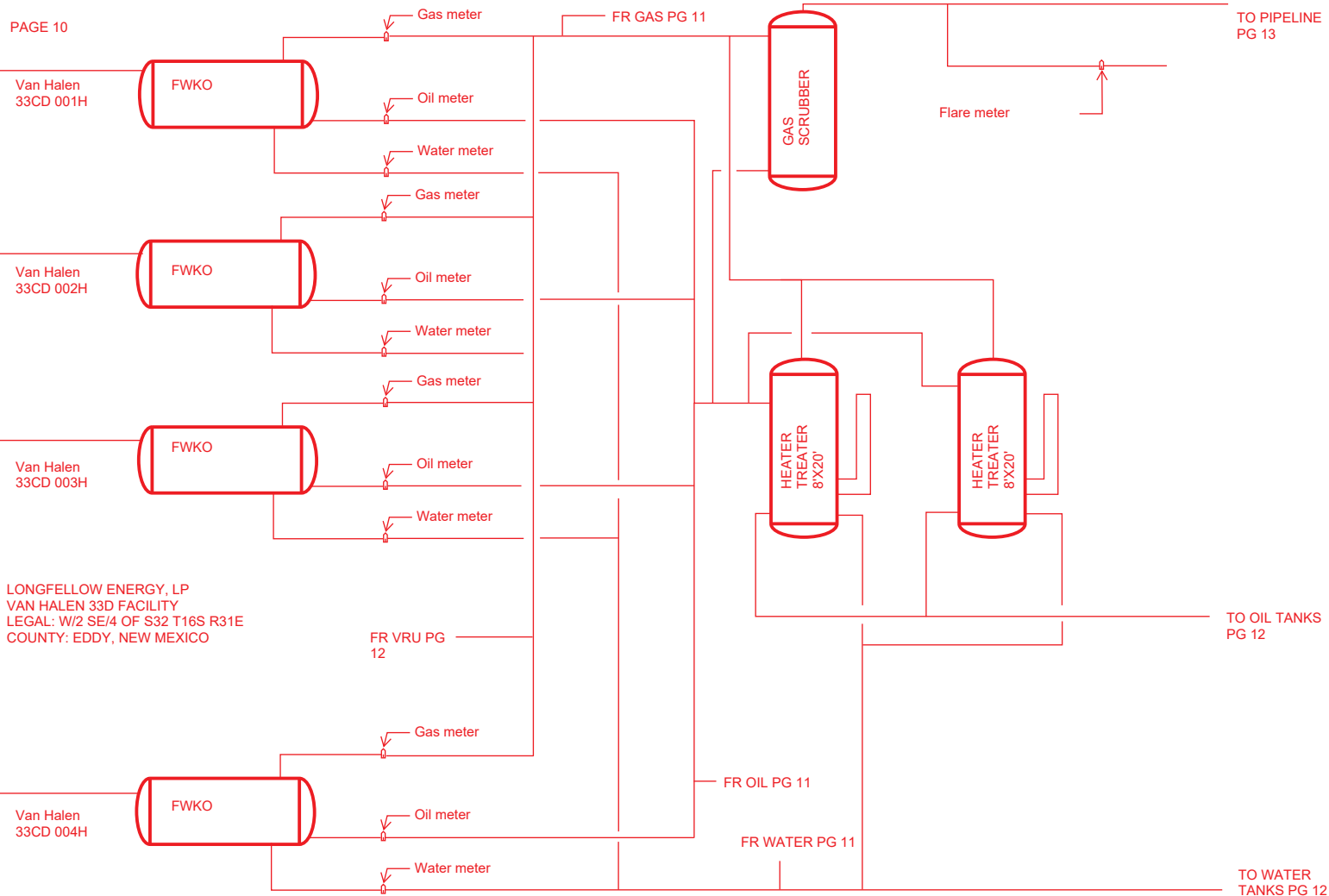


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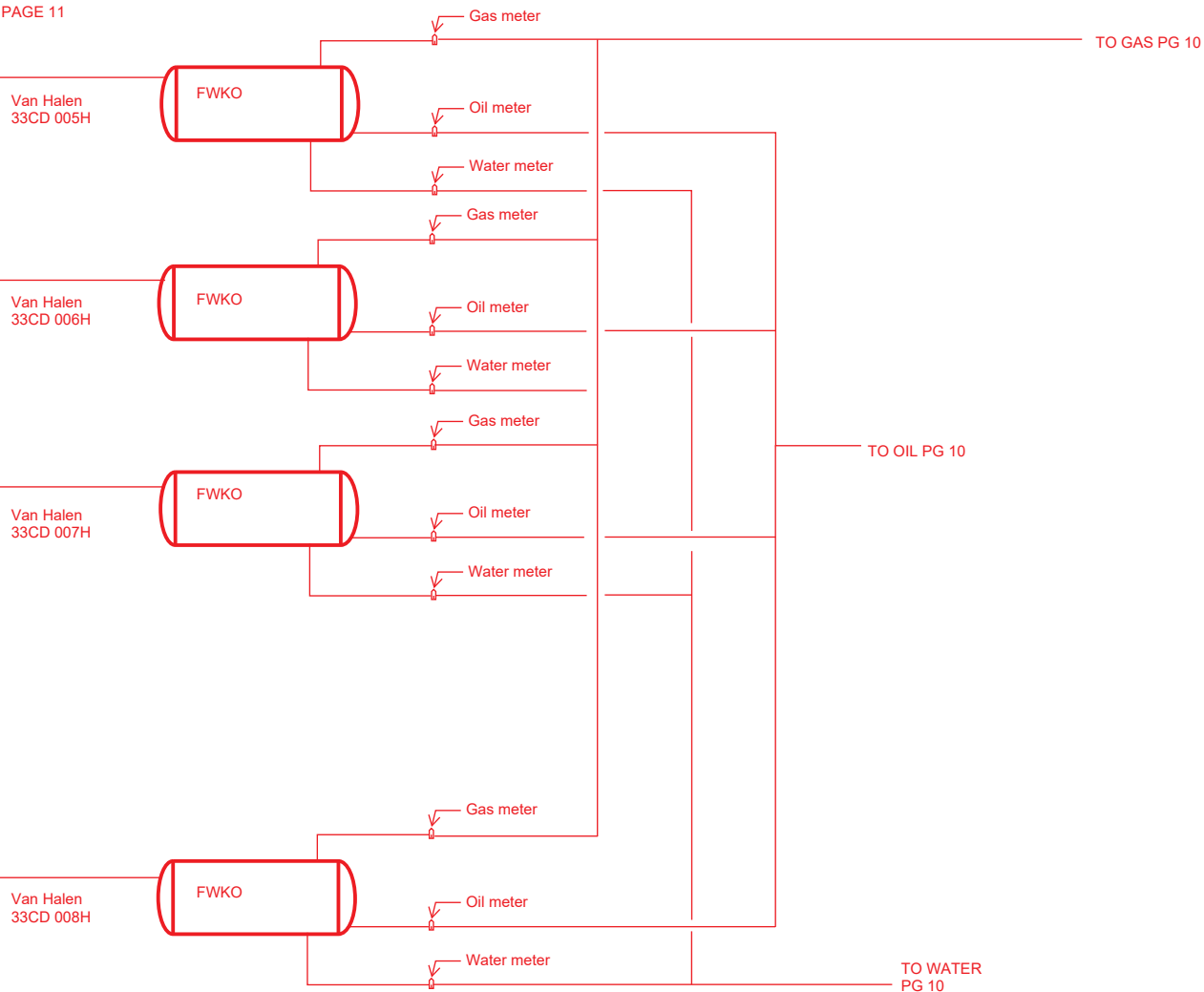
TK-1-5
WATER
CAPACITY: 750 BBL

TK-6-10
OIL
CAPACITY: 750 BBL





PAGE 11



PAGE 12

TK-1-5
WATER
CAPACITY: 750 BBL

TK-6-10
OIL
CAPACITY: 750 BBL

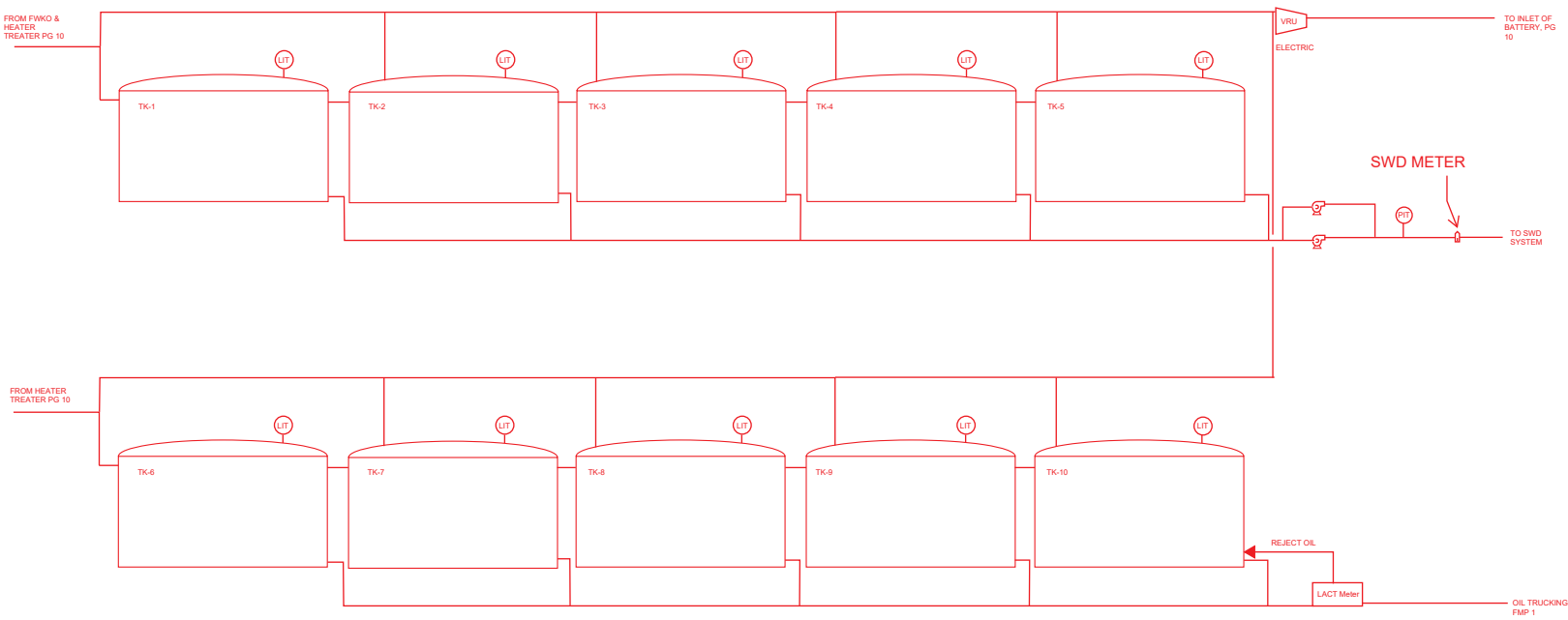


EXHIBIT A



EXHIBIT
3

API	Well Name & Number	UL or Q/Q	S-T-R	Pool Code	Operator
30-015-PENDING	Petty 31AB Federal Com 1H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 2H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 3H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 4H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 5H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 6H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 7H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31AB Federal Com 8H	N/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 1H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 2H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 3H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 4H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 5H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-58054	Petty 31CD Federal Com 6H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 7H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 8H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Petty 31CD Federal Com 9H	S/2	31-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP

30-015-PENDING	Van Halen 33AB Federal Com 1H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 2H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 3H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 4H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 5H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 6H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 7H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33AB Federal Com 8H	N/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33CD Federal Com 1H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33CD Federal Com 2H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33CD Federal Com 3H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33CD Federal Com 4H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-58055	Van Halen 33CD Federal Com 5H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-58056	Van Halen 33CD Federal Com 6H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33CD Federal Com 7H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP
30-015-PENDING	Van Halen 33CD Federal Com 8H	S/2	33-16S-31E	Cedar Lake; Glorieta-Yeso [96831]	Longfellow Energy, LP

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 001H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3893.6
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 340 NORTH	Ft. from E/W 20 WEST	Latitude 32.8843241°N	Longitude 103.9166960°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 340 NORTH	Ft. from E/W 100 WEST	Latitude 32.8843241°N	Longitude 103.9164318°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

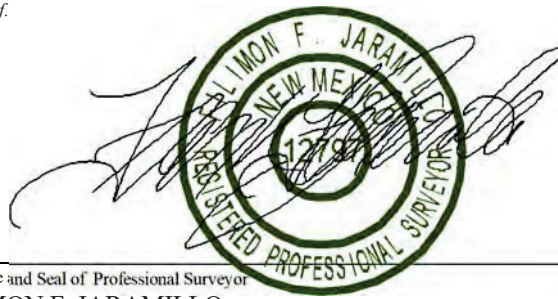
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 28, 2025

SURVEY NO. 10480

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31AB FED COM 001H
EL. = 3893.6

GEODETIC COORDINATES

NAD 83 NMSP EAST

SURFACE LOCATION

466' FNL, 785' FWL

N.=685617.58

E.=674975.92

LAT.=32.8840244°N

LONG.=103.8979982°W

LAST TAKE POINT

340' FNL, 100' FWL

N.=685703.75

E.=669316.73

LAT.=32.8843241°N

LONG.=103.9164318°W

KICK OFF POINT

466' FNL, 785' FWL

N.=685617.58

E.=674975.92

LAT.=32.8840244°N

LONG.=103.8979982°W

BOTTOM OF HOLE

340' FNL, 20' FWL

N.=685703.20

E.=669236.76

LAT.=32.8843234°N

LONG.=103.9166923°W

CORNER COORDINATES TABLE

NAD 83 NMSP EAST

A - N.=686042.98 E.=669215.61

B - N.=686058.88 E.=671548.64

C - N.=686076.85 E.=674187.91

D - N.=686099.49 E.=676835.89

E - N.=686112.32 E.=679471.91

F - N.=683403.67 E.=669224.51

G - N.=683438.58 E.=674205.82

H - N.=683475.46 E.=679485.80

I - N.=680764.37 E.=669233.40

J - N.=680780.07 E.=671581.31

K - N.=680798.07 E.=674219.68

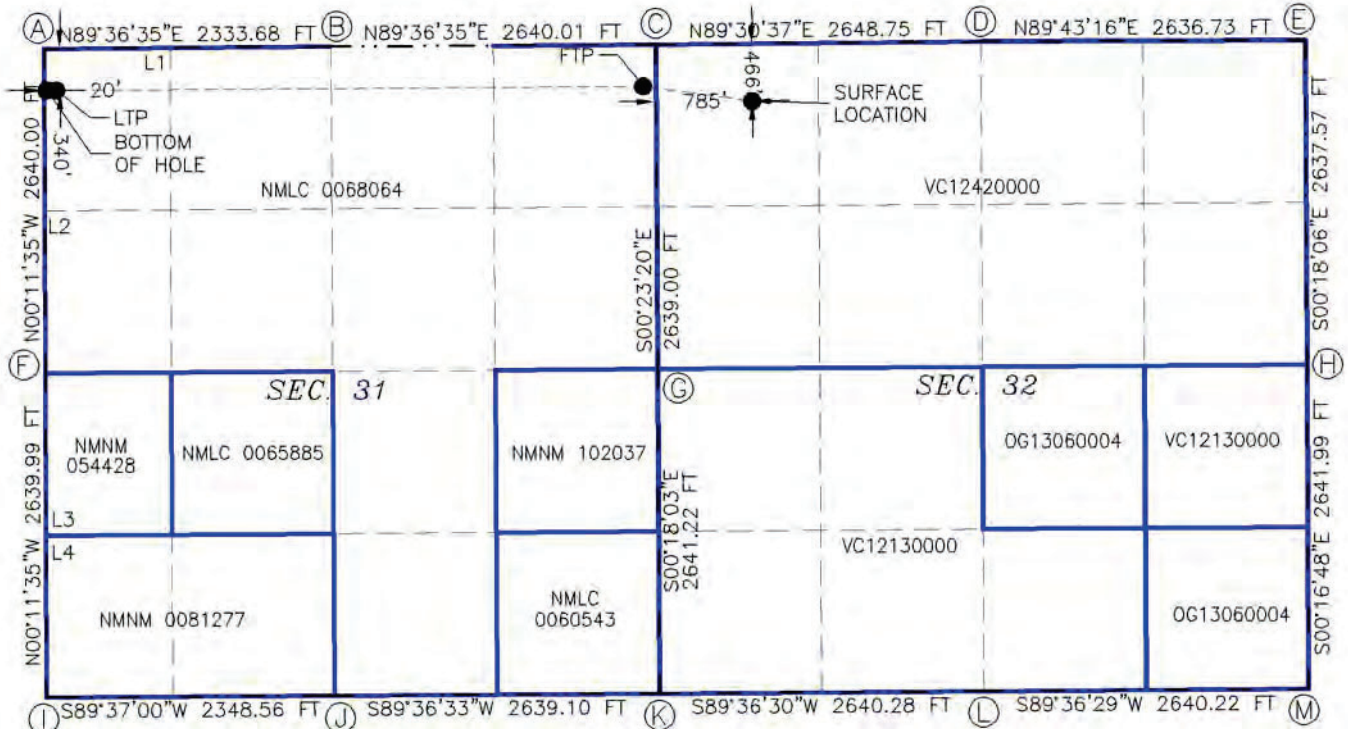
L - N.=680816.12 E.=676859.22

M - N.=680834.18 E.=679498.71

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 002H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3892.1
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 480 NORTH	Ft. from E/W 20 WEST	Latitude 32.8839387°N	Longitude 103.9166926°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 480 NORTH	Ft. from E/W 100 WEST	Latitude 32.8839394°N	Longitude 103.9164320°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

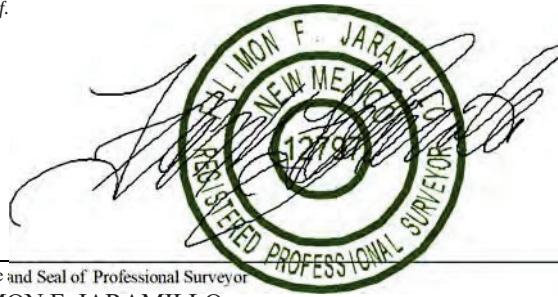
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 28, 2025

SURVEY NO. 10481

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31AB FED COM 002H
EL. = 3892.1

GEODETIC COORDINATES

NAD 83 NMSP EAST

SURFACE LOCATION

486' FNL, 785' FWL

N.=685597.66

E.=674975.99

LAT.=32.8839697°N

LONG.=103.8979982°W

LAST TAKE POINT

480' FNL, 100' FWL

N.=685563.79

E.=669317.21

LAT.=32.8839394°N

LONG.=103.9164320°W

KICK OFF POINT

486' FNL, 785' FWL

N.=685597.66

E.=674975.99

LAT.=32.8839697°N

LONG.=103.8979982°W

BOTTOM OF HOLE

480' FNL, 20' FWL

N.=685563.24

E.=669237.23

LAT.=32.8839387°N

LONG.=103.9166926°W

FIRST TAKE POINT

480' FNL, 100' FEL

N.=685596.30

E.=674091.20

LAT.=32.8839759°N

LONG.=103.9008804°W

CORNER COORDINATES TABLE

NAD 83 NMSP EAST

A - N.=686042.98 E.=669215.61

B - N.=686058.88 E.=671548.64

C - N.=686076.85 E.=674187.91

D - N.=686099.49 E.=676835.89

E - N.=686112.32 E.=679471.91

F - N.=683403.67 E.=669224.51

G - N.=683438.58 E.=674205.82

H - N.=683475.46 E.=679485.80

I - N.=680764.37 E.=669233.40

J - N.=680780.07 E.=671581.31

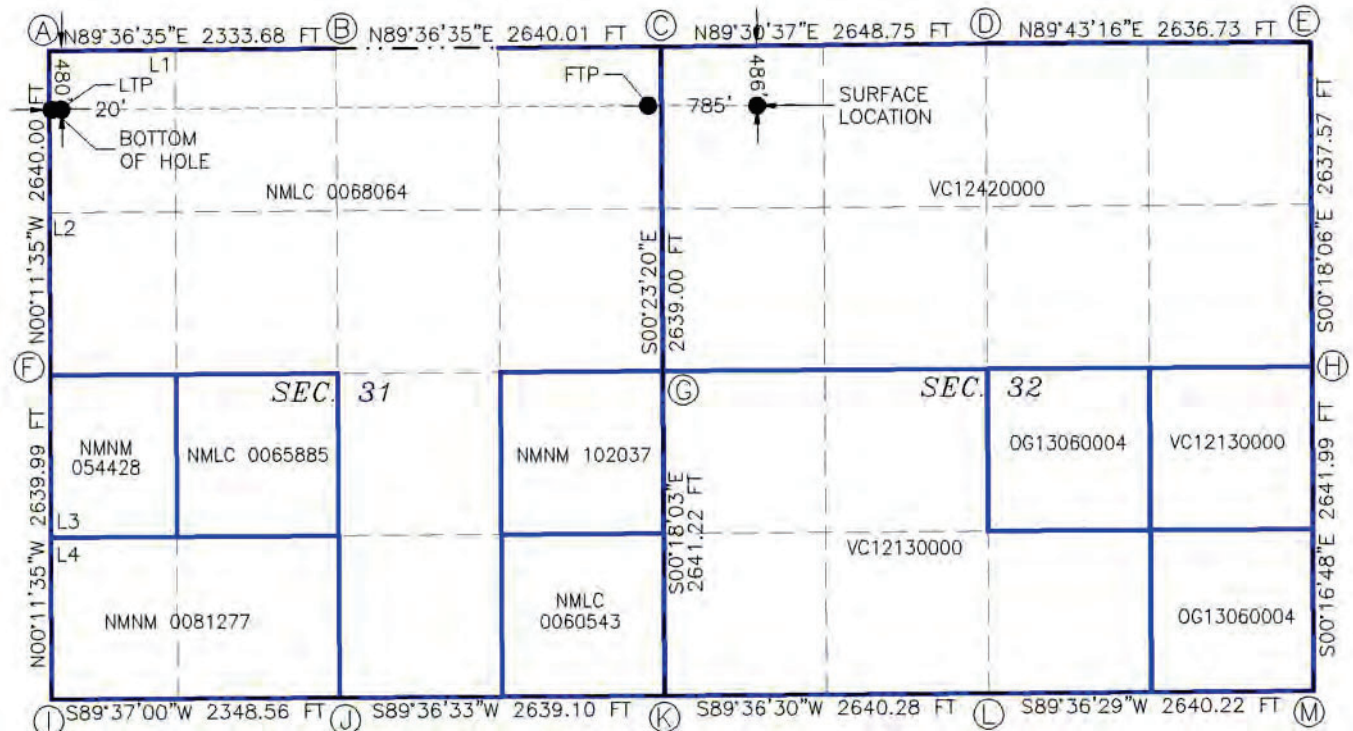
K - N.=680798.07 E.=674219.68

L - N.=680816.12 E.=676859.22

M - N.=680834.18 E.=679498.71

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 003H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3892.7
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 855 NORTH	Ft. from E/W 20 WEST	Latitude 32.8829083°N	Longitude 103.9166933°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 855 NORTH	Ft. from E/W 100 WEST	Latitude 32.8829089°N	Longitude 103.9164328°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

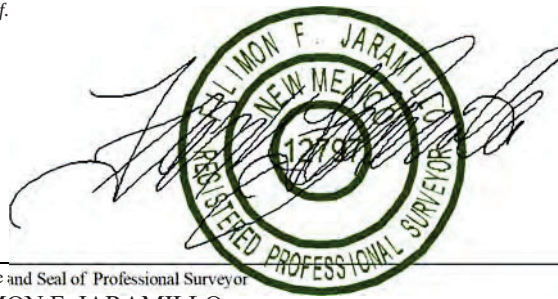
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 28, 2025

SURVEY NO. 10482

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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PETTY 31AB FED COM 003H
EL. = 3892.7

GEODETIC COORDINATES

NAD 83 NMSP EAST

SURFACE LOCATION

506' FNL, 785' FWL

N.=685577.62

E.=674976.11

LAT.=32.8839146°N

LONG.=103.8979981°W

LAST TAKE POINT

855' FNL, 100' FWL

N.=685188.88

E.=669318.47

LAT.=32.8829089°N

LONG.=103.9164328°W

KICK OFF POINT

506' FNL, 785' FWL

N.=685577.62

E.=674976.11

LAT.=32.8839146°N

LONG.=103.8979981°W

BOTTOM OF HOLE

855' FNL, 20' FWL

N.=685188.33

E.=669238.49

LAT.=32.8829083°N

LONG.=103.9166933°W

FIRST TAKE POINT

855' FNL, 100' FEL

N.=685221.41

E.=674093.74

LAT.=32.8829455°N

LONG.=103.9008771°W

CORNER COORDINATES TABLE

NAD 83 NMSP EAST

A - N.=686042.98 E.=669215.61

B - N.=686058.88 E.=671548.64

C - N.=686076.85 E.=674187.91

D - N.=686099.49 E.=676835.89

E - N.=686112.32 E.=679471.91

F - N.=683403.67 E.=669224.51

G - N.=683438.58 E.=674205.82

H - N.=683475.46 E.=679485.80

I - N.=680764.37 E.=669233.40

J - N.=680780.07 E.=671581.31

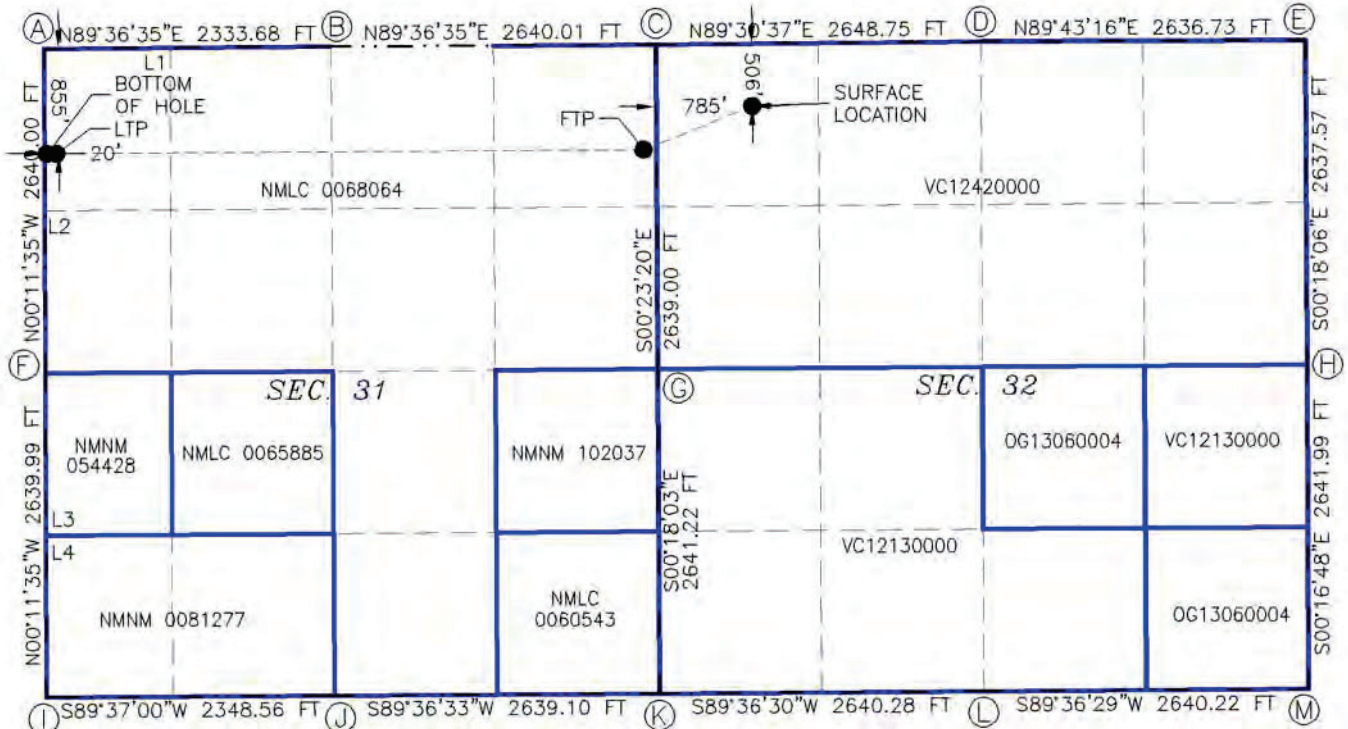
K - N.=680798.07 E.=674219.68

L - N.=680816.12 E.=676859.22

M - N.=680834.18 E.=679498.71

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 004H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3893.6
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 1230 NORTH	Ft. from E/W 20 WEST	Latitude 32.8818778°N	Longitude 103.9166940°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

UL A	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1230 NORTH	Ft. from E/W 100 EAST	Latitude 32.8819150°N	Longitude 103.9008738°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 1	Ft. from N/S 1230 NORTH	Ft. from E/W 100 WEST	Latitude 32.8818785°N	Longitude 103.9164335°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

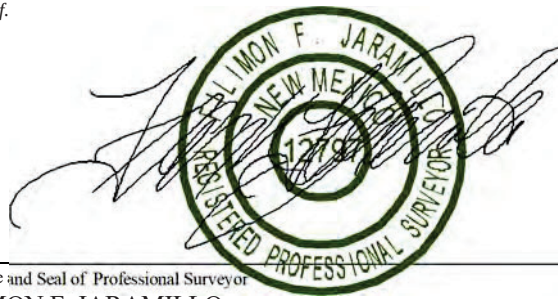
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 28, 2025

SURVEY NO. 10483

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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PETTY 31AB FED COM 004H
EL. = 3893.6

GEODETIC COORDINATES

NAD 83 NMSP EAST

SURFACE LOCATION

526' FNL, 785' FWL

N.=685557.58

E.=674976.33

LAT.=32.8838595°N

LONG.=103.8979976°W

LAST TAKE POINT

1230' FNL, 100' FWL

N.=684813.98

E.=669319.73

LAT.=32.8818785°N

LONG.=103.9164335°W

KICK OFF POINT

526' FNL, 785' FWL

N.=685557.58

E.=674976.33

LAT.=32.8838595°N

LONG.=103.8979976°W

BOTTOM OF HOLE

1230' FNL, 20' FWL

N.=684813.43

E.=669239.76

LAT.=32.8818778°N

LONG.=103.9166940°W

CORNER COORDINATES TABLE

NAD 83 NMSP EAST

A - N.=686042.98 E.=669215.61

B - N.=686058.88 E.=671548.64

C - N.=686076.85 E.=674187.91

D - N.=686099.49 E.=676835.89

E - N.=686112.32 E.=679471.91

F - N.=683403.67 E.=669224.51

G - N.=683438.58 E.=674205.82

H - N.=683475.46 E.=679485.80

I - N.=680764.37 E.=669233.40

J - N.=680780.07 E.=671581.31

K - N.=680798.07 E.=674219.68

L - N.=680816.12 E.=676859.22

M - N.=680834.18 E.=679498.71

FIRST TAKE POINT

1230' FNL, 100' FEL

N.=684846.51

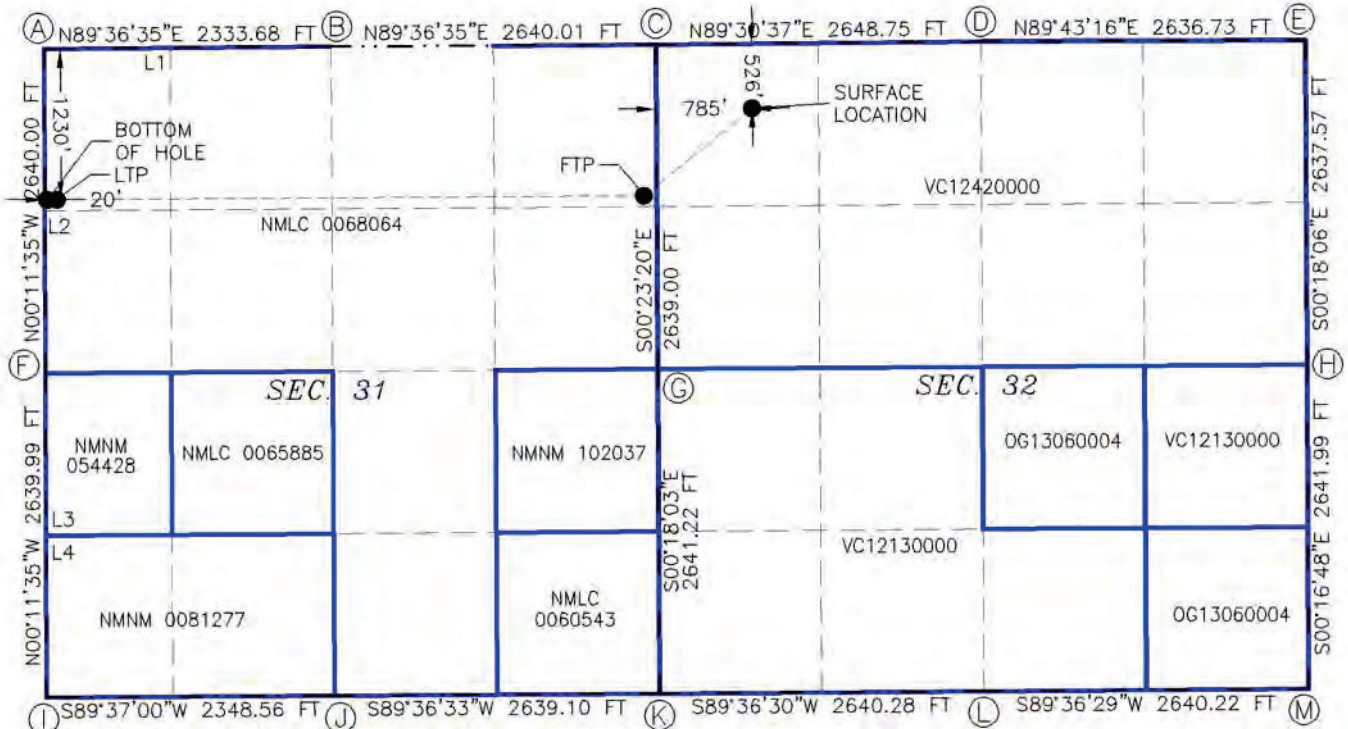
E.=674096.29

LAT.=32.8819150°N

LONG.=103.9008738°W

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 005H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3892.8
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 1391 NORTH	Ft. from E/W 20 WEST	Latitude 32.8814354°N	Longitude 103.9166943°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1389 NORTH	Ft. from E/W 1389 EAST	Latitude 32.8814781°N	Longitude 103.9008725°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 1391 NORTH	Ft. from E/W 100 WEST	Latitude 32.8814361°N	Longitude 103.9164338°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
---	---	-------------------------

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

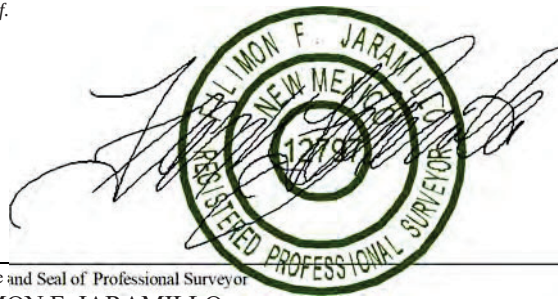
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 29, 2025

SURVEY NO. 10484

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31AB FED COM 005H
EL. = 3892.8

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
2197' FNL, 1073' FWL
N.=683889.91
E.=675275.29
LAT.=32.8792724°N
LONG.=103.8970462°W

LAST TAKE POINT
1391' FNL, 100' FWL
N.=684653.02
E.=669320.28
LAT.=32.8814361°N
LONG.=103.9164338°W

KICK OFF POINT
2197' FNL, 1073' FWL
N.=683889.91
E.=675275.29
LAT.=32.8792724°N
LONG.=103.8970462°W

BOTTOM OF HOLE
1391' FNL, 20' FWL
N.=684652.47
E.=669240.30
LAT.=32.8814354°N
LONG.=103.9166943°W

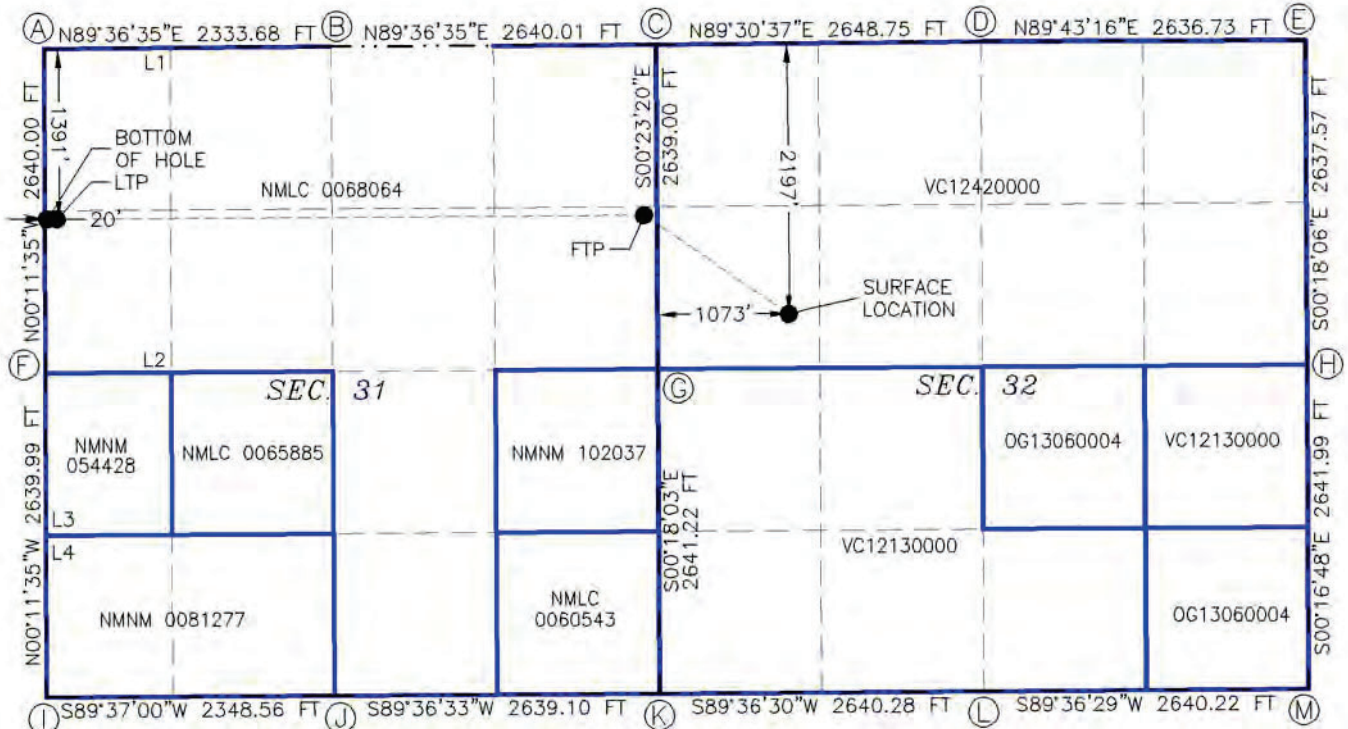
FIRST TAKE POINT
1389' FNL, 100' FEL
N.=684687.55
E.=674097.37
LAT.=32.8814781°N
LONG.=103.9008725°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 006H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3890.9
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 1764 NORTH	Ft. from E/W 20 WEST	Latitude 32.8804104°N	Longitude 103.9166950°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2217 NORTH	Ft. from E/W 1073 WEST	Latitude 32.8792175°N	Longitude 103.8970449°W	County EDDY
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First Take Point (FTP)

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1764 NORTH	Ft. from E/W 100 EAST	Latitude 32.8804477°N	Longitude 103.9008692°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 1764 NORTH	Ft. from E/W 100 WEST	Latitude 32.8804111°N	Longitude 103.9164345°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 29, 2025

SURVEY NO. 10485

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31AB FED COM 006H
EL. = 3890.9

GEODETIC COORDINATES

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

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

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

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

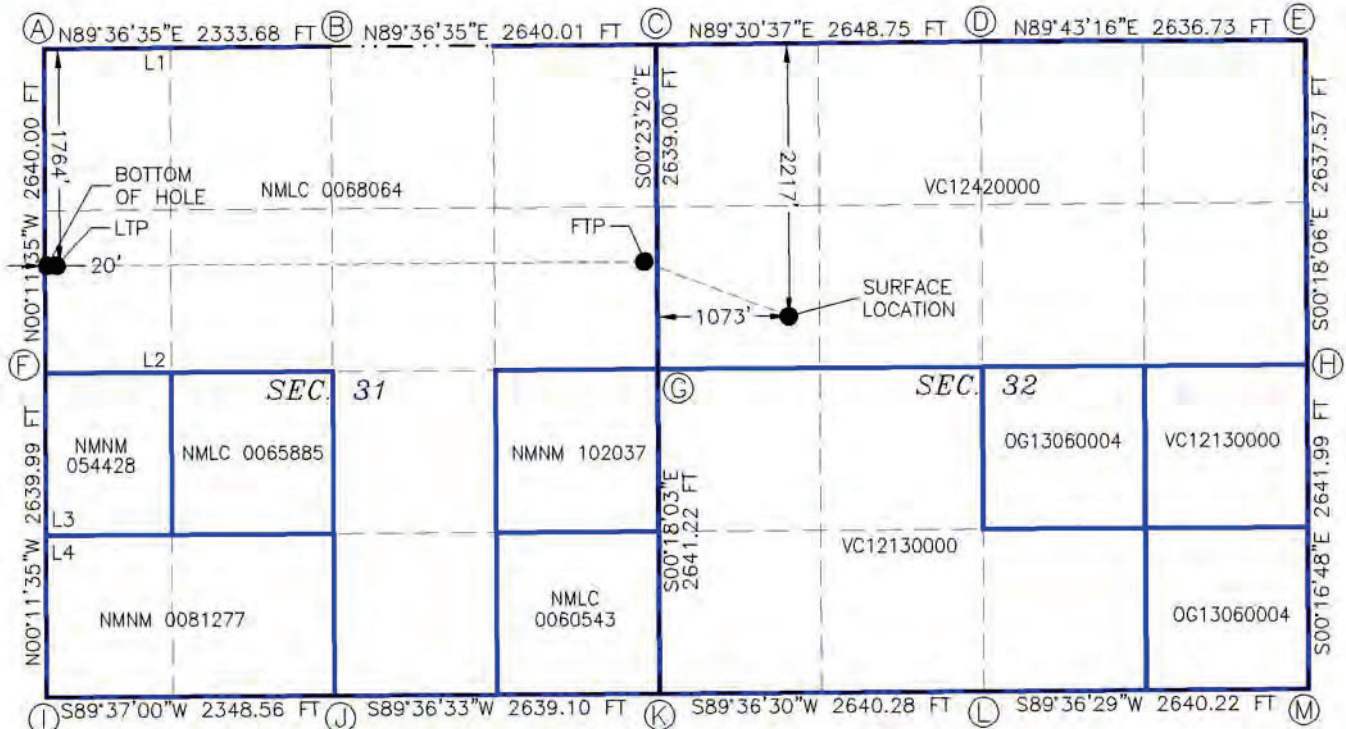
FIRST TAKE POINT
1764' FNL, 100' FEL
N.=684312.66
E.=674099.91
LAT.=32.8804477°N
LONG.=103.9008692°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 007H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3890.5
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2139 NORTH	Ft. from E/W 20 WEST	Latitude 32.8793800°N	Longitude 103.9166957°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2237 NORTH	Ft. from E/W 1073 WEST	Latitude 32.8791625°N	Longitude 103.8970435°W	County EDDY
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First Take Point (FTP)

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2139 NORTH	Ft. from E/W 100 EAST	Latitude 32.8794172°N	Longitude 103.9008659°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2139 NORTH	Ft. from E/W 100 WEST	Latitude 32.8793806°N	Longitude 103.9164352°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

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Signature

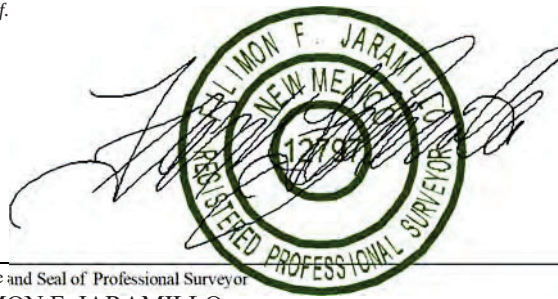
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

JULY 29, 2025

SURVEY NO. 10486

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31AB FED COM 007H
EL. = 3890.5

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
2237' FNL, 1073' FWL
N.=683849.90
E.=675276.31
LAT.=32.8791625°N
LONG.=103.8970435°W

LAST TAKE POINT
2139' FNL, 100' FWL
N.=683905.21
E.=669322.80
LAT.=32.8793806°N
LONG.=103.9164352°W

KICK OFF POINT
2237' FNL, 1073' FWL
N.=683849.90
E.=675276.31
LAT.=32.8791625°N
LONG.=103.8970435°W

BOTTOM OF HOLE
2139' FNL, 20' FWL
N.=683904.66
E.=669242.82
LAT.=32.8793800°N
LONG.=103.9166957°W

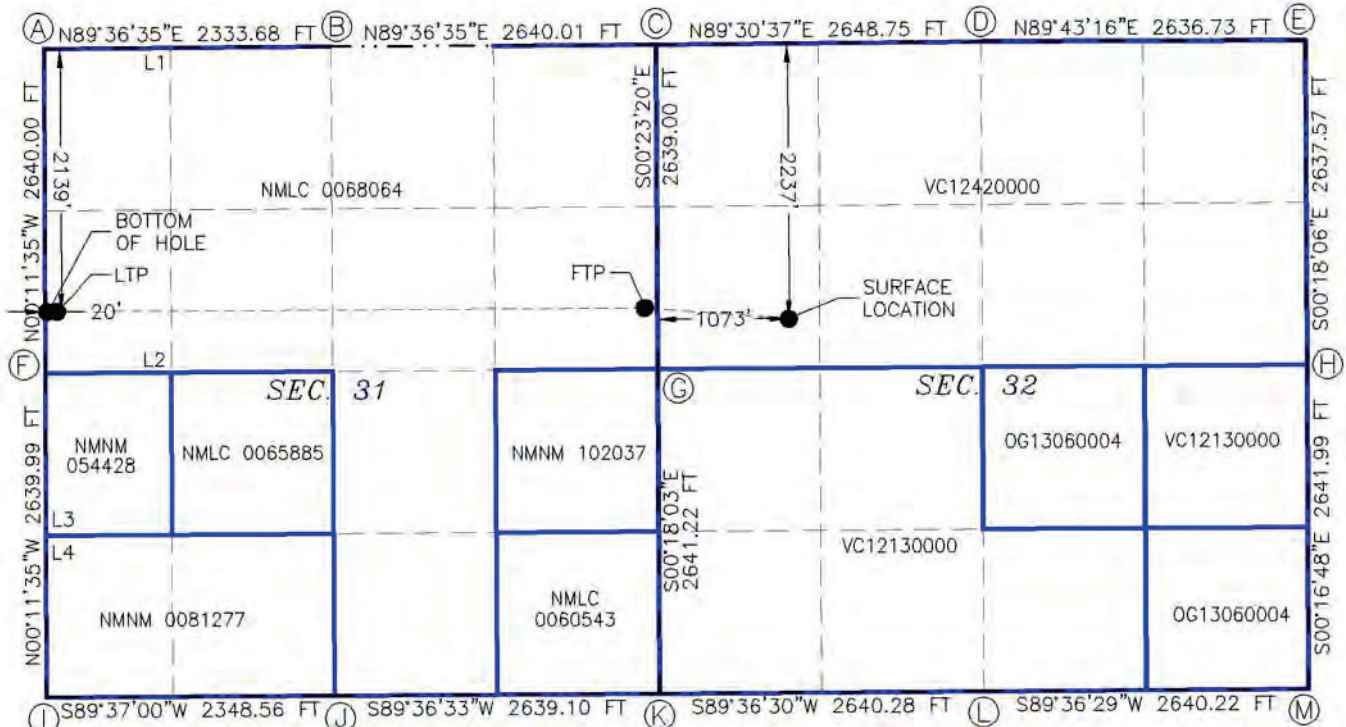
FIRST TAKE POINT
2139' FNL, 100' FEL
N.=683937.76
E.=674102.46
LAT.=32.8794172°N
LONG.=103.9008659°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31AB FED COM	Well Number 008H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3890.5
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2300 NORTH	Ft. from E/W 20 WEST	Latitude 32.8789376°N	Longitude 103.9166960°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL E	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 2257 NORTH	Ft. from E/W 1074 WEST	Latitude 32.8791075°N	Longitude 103.8970425°W	County EDDY
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First Take Point (FTP)

UL H	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2298 NORTH	Ft. from E/W 100 EAST	Latitude 32.8789803°N	Longitude 103.9008645°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 2	Ft. from N/S 2300 NORTH	Ft. from E/W 100 WEST	Latitude 32.8789382°N	Longitude 103.9164355°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

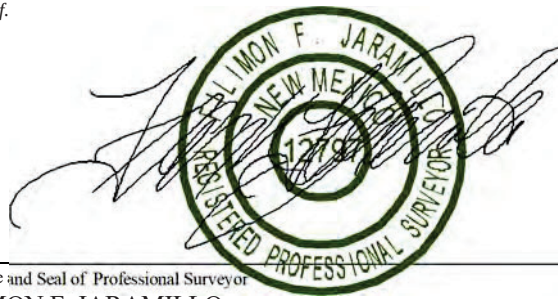
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

JULY 29, 2025

SURVEY NO. 10487

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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PETTY 31AB FED COM 008H
EL. = 3890.5

GEODETIC COORDINATES

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

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

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

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

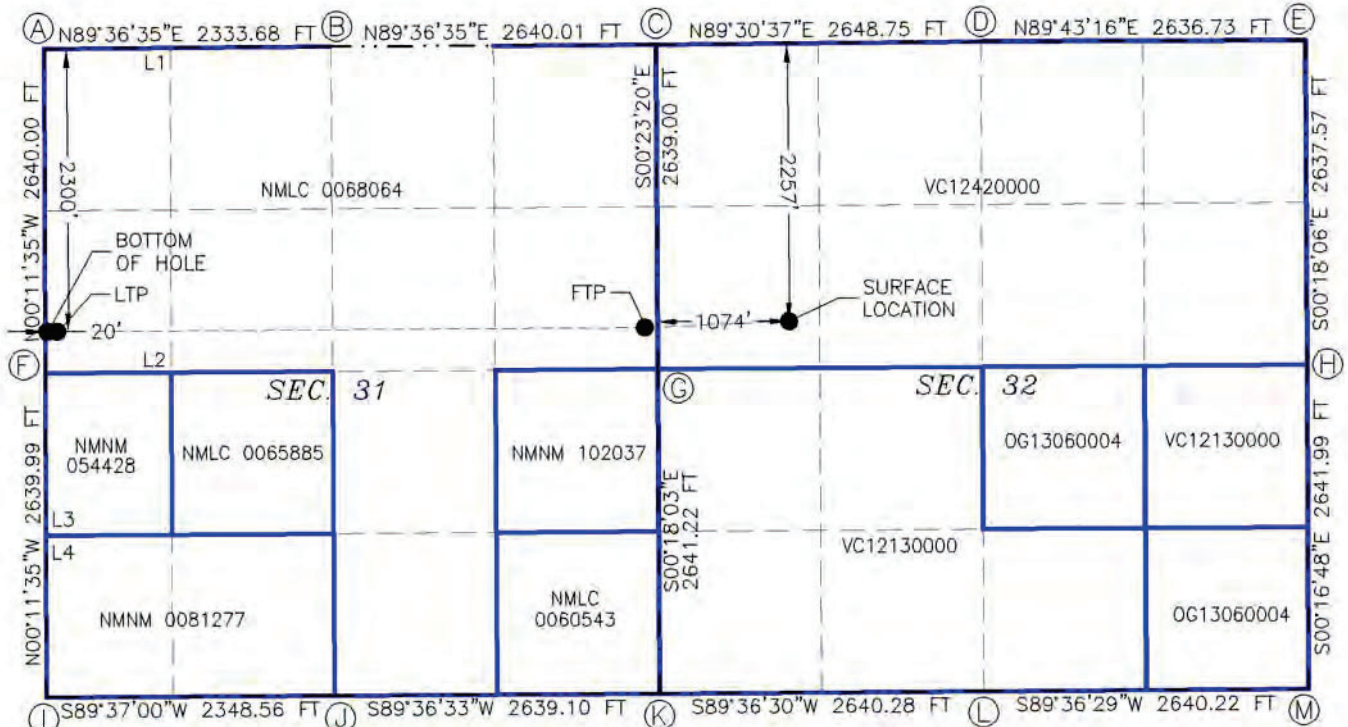
FIRST TAKE POINT
2298' FNL, 100' FEL
N.=683778.80
E.=674103.54
LAT.=32.8789803°N
LONG.=103.9008645°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 001H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3857.4
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1717 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8755066°N	Longitude 103.8991932°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 2628 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8779704°N	Longitude 103.9166967°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1717 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8755066°N	Longitude 103.8991932°W	County EDDY
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First Take Point (FTP)

UL I	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2628 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8780070°N	Longitude 103.9008615°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 2628 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8779710°N	Longitude 103.9164361°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
---	---	-------------------------

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10366A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31CD FED COM 001H
EL. = 3857.4

GEODETTIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1717' FSL, 411' FWL
N.=682517.10
E.=674621.81
LAT.=32.8755066°N
LONG.=103.8991932°W

LAST TAKE POINT
2628' FSL, 100' FWL
N.=683392.36
E.=669324.52
LAT.=32.8779710°N
LONG.=103.9164361°W

PPP3
2628' FSL, 2628' FEL
N.=683407.51
E.=671565.05
LAT.=32.8779881°N
LONG.=103.9091379°W

KICK OFF POINT
1717' FSL, 411' FWL
N.=682517.10
E.=674621.81
LAT.=32.8755066°N
LONG.=103.8991932°W

BOTTOM OF HOLE
2628' FSL, 20' FWL
N.=683391.83
E.=669244.55
LAT.=32.8779704°N
LONG.=103.9166967°W

PPP4
2628' FSL, 1026' FWL
N.=683398.62
E.=670250.52
LAT.=32.8779781°N
LONG.=103.9134198°W

FIRST TAKE POINT
2628' FSL, 100' FEL
N.=683424.68
E.=674105.92
LAT.=32.8780070°N
LONG.=103.9008615°W

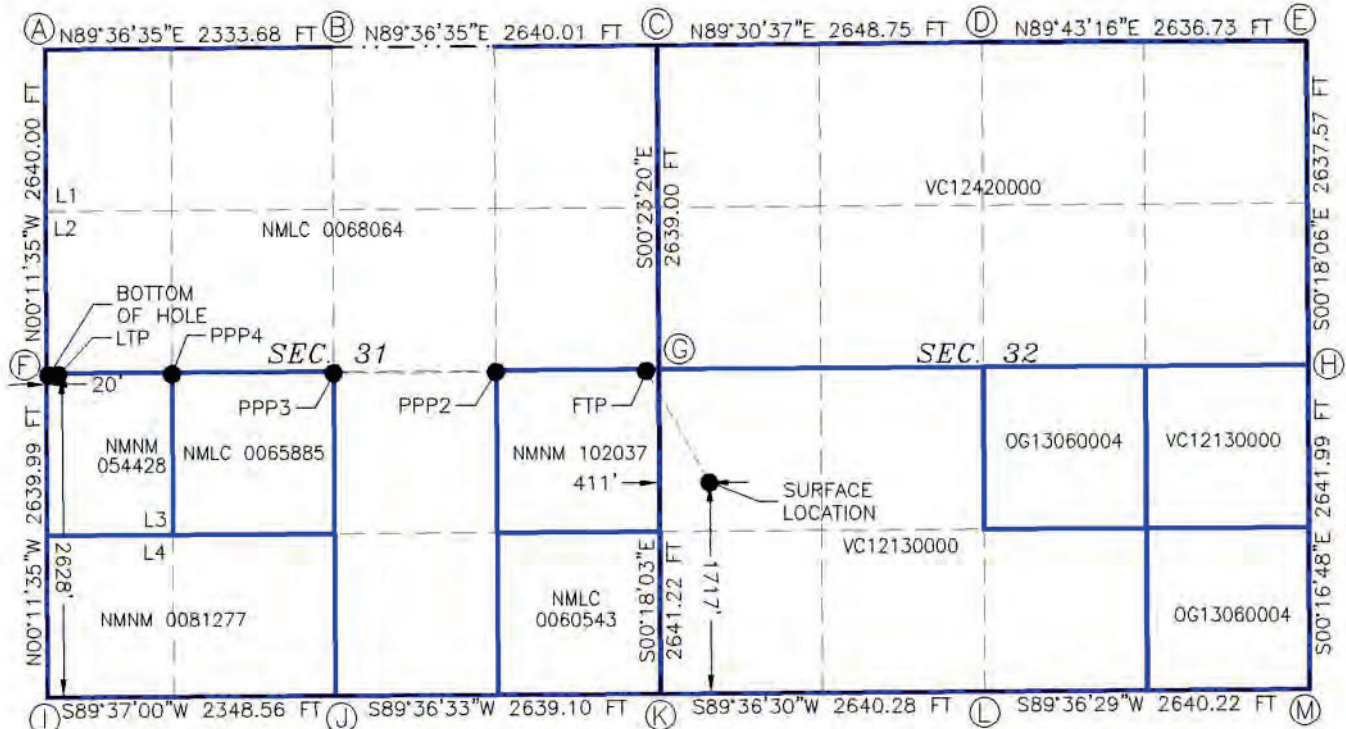
PPP2
2628' FSL, 1322' FEL
N.=683416.43
E.=672884.46
LAT.=32.8779980°N
LONG.=103.9048402°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 002H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3856.9
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1697 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8754512°N	Longitude 103.8991935°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 2319 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8771213°N	Longitude 103.9166972°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1697 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8754512°N	Longitude 103.8991935°W	County EDDY
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First Take Point (FTP)

UL I	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2319 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8771579°N	Longitude 103.9008603°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 2319 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8771219°N	Longitude 103.9164367°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10367A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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PETTY 31CD FED COM 002H
EL. = 3856.9

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1697' FSL, 411' FWL
N.=682496.95
E.=674621.81
LAT.=32.8754512°N
LONG.=103.8991935°W

LAST TAKE POINT
2319' FSL, 100' FWL
N.=683083.44
E.=669325.56
LAT.=32.8771219°N
LONG.=103.9164367°W

PPP3
2319' FSL, 2641' FEL
N.=683098.60
E.=671566.96
LAT.=32.8771390°N
LONG.=103.9091358°W

KICK OFF POINT
1697' FSL, 411' FWL
N.=682496.95
E.=674621.81
LAT.=32.8754512°N
LONG.=103.8991935°W

BOTTOM OF HOLE
2319' FSL, 20' FWL
N.=683082.91
E.=669245.58
LAT.=32.8771213°N
LONG.=103.9166972°W

PPP4
2319' FSL, 1026' FWL
N.=683089.71
E.=670251.73
LAT.=32.8771291°N
LONG.=103.9134199°W

FIRST TAKE POINT
2319' FSL, 100' FEL
N.=683115.76
E.=674107.54
LAT.=32.8771579°N
LONG.=103.9008603°W

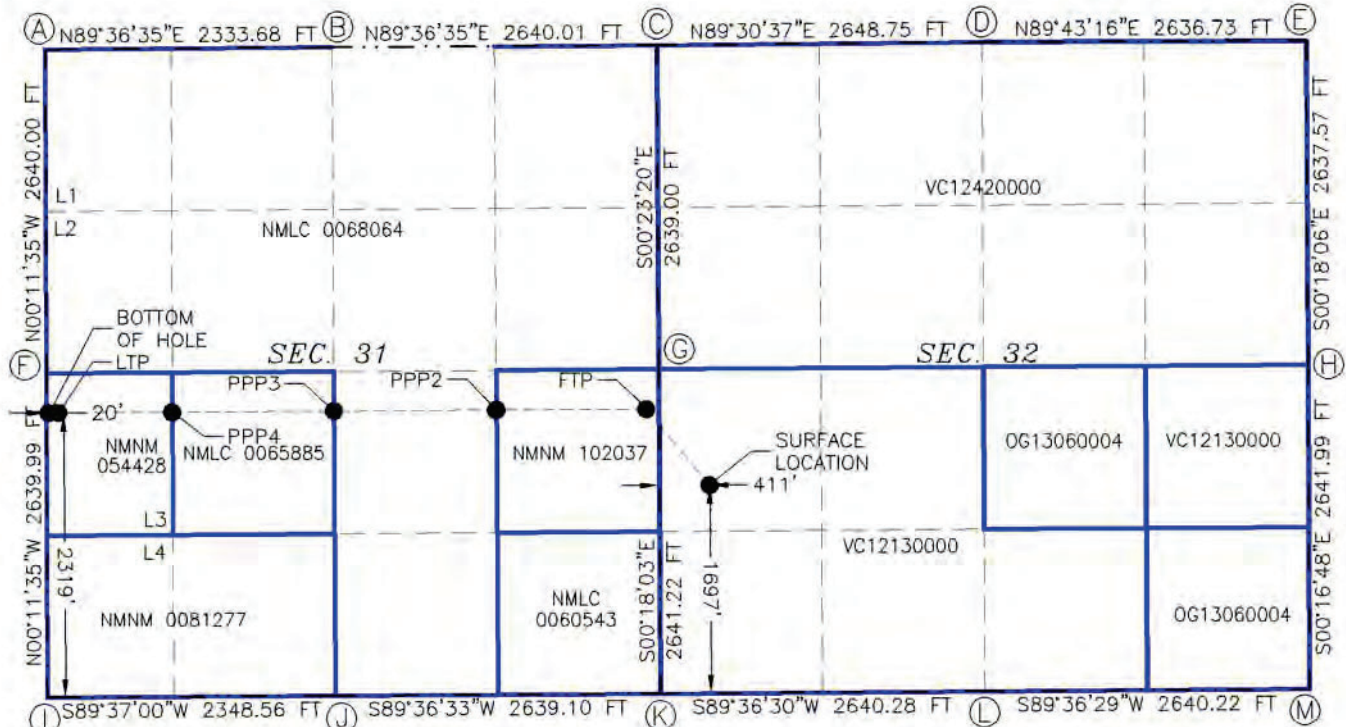
PPP2
2319' FSL, 1322' FEL
N.=683107.52
E.=672886.35
LAT.=32.8771489°N
LONG.=103.9048381°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 003H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3856.1
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1677 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8753965°N	Longitude 103.8991937°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 2159 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8766817°N	Longitude 103.9166975°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1677 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8753965°N	Longitude 103.8991937°W	County EDDY
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First Take Point (FTP)

UL I	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 2159 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8767182°N	Longitude 103.9008597°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 2159 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8766823°N	Longitude 103.9164370°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10368A

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PETTY 31CD FED COM 003H
EL. = 3856.1

GEODETTIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1677' FSL, 411' FWL
N.=682477.04
E.=674621.82
LAT.=32.8753965°N
LONG.=103.8991937°W

LAST TAKE POINT
2159' FSL, 100' FWL
N.=682923.48
E.=669326.10
LAT.=32.8766823°N
LONG.=103.9164370°W

PPP3
2159' FSL, 2641' FEL
N.=682938.64
E.=671567.95
LAT.=32.8766994°N
LONG.=103.9091346°W

KICK OFF POINT
1677' FSL, 411' FWL
N.=682477.04
E.=674621.82
LAT.=32.8753965°N
LONG.=103.8991937°W

BOTTOM OF HOLE
2159' FSL, 20' FWL
N.=682922.95
E.=669246.12
LAT.=32.8766817°N
LONG.=103.9166975°W

PPP4
2159' FSL, 1027' FWL
N.=682929.75
E.=670252.35
LAT.=32.8766894°N
LONG.=103.9134200°W

FIRST TAKE POINT
2159' FSL, 100' FEL
N.=682955.80
E.=674108.37
LAT.=32.8767182°N
LONG.=103.9008597°W

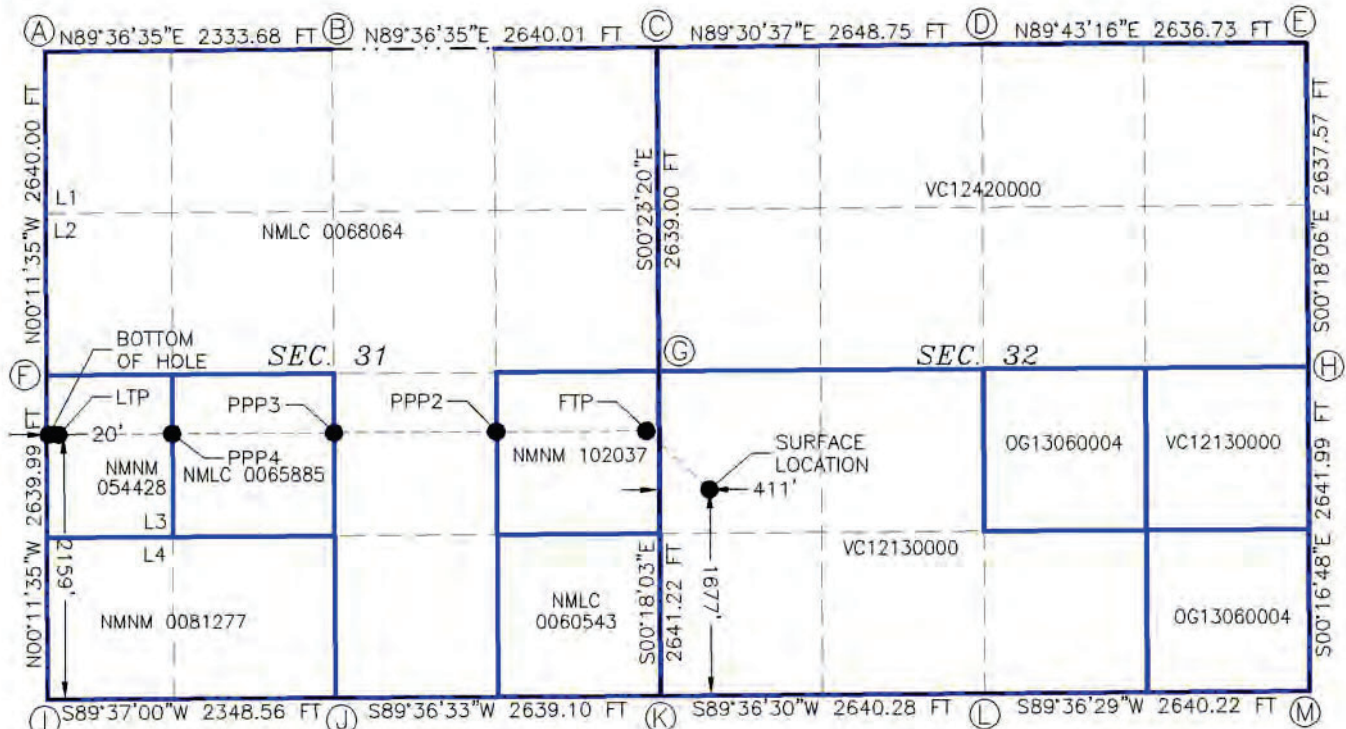
PPP2
2159' FSL, 1321' FEL
N.=682947.56
E.=672887.33
LAT.=32.8767092°N
LONG.=103.9048370°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 004H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3855.2
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1657 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8753416°N	Longitude 103.8991938°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 1785 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8756540°N	Longitude 103.9166982°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1657 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8753416°N	Longitude 103.8991938°W	County EDDY
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First Take Point (FTP)

UL I	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1785 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8756905°N	Longitude 103.9008583°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 1785 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8756546°N	Longitude 103.9164377°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

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Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10369A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 005H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3855.0
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1637 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8752868°N	Longitude 103.8991940°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 1410 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8746235°N	Longitude 103.9166990°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL L	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1637 SOUTH	Ft. from E/W 411 WEST	Latitude 32.8752868°N	Longitude 103.8991940°W	County EDDY
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First Take Point (FTP)

UL I	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1410 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8746601°N	Longitude 103.9008569°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 3	Ft. from N/S 1410 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8746241°N	Longitude 103.9164384°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
---	---	-------------------------

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10370A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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PETTY 31CD FED COM 005H
EL. = 3855.0

GEODETTIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1637' FSL, 411' FWL
N.=682437.12
E.=674621.91
LAT.=32.8752868°N
LONG.=103.8991940°W

LAST TAKE POINT
1410' FSL, 100' FWL
N.=682174.67
E.=669328.62
LAT.=32.8746241°N
LONG.=103.9164384°W

PPP3
1410' FSL, 2640' FEL
N.=682189.84
E.=671572.59
LAT.=32.8746412°N
LONG.=103.9091293°W

KICK OFF POINT
1637' FSL, 411' FWL
N.=682437.12
E.=674621.91
LAT.=32.8752868°N
LONG.=103.8991940°W

BOTTOM OF HOLE
1410' FSL, 20' FWL
N.=682174.14
E.=669248.64
LAT.=32.8746235°N
LONG.=103.9166990°W

PPP4
1410' FSL, 1027' FWL
N.=682180.94
E.=670255.28
LAT.=32.8746312°N
LONG.=103.9134201°W

FIRST TAKE POINT
1410' FSL, 100' FEL
N.=682207.01
E.=674112.31
LAT.=32.8746601°N
LONG.=103.9008569°W

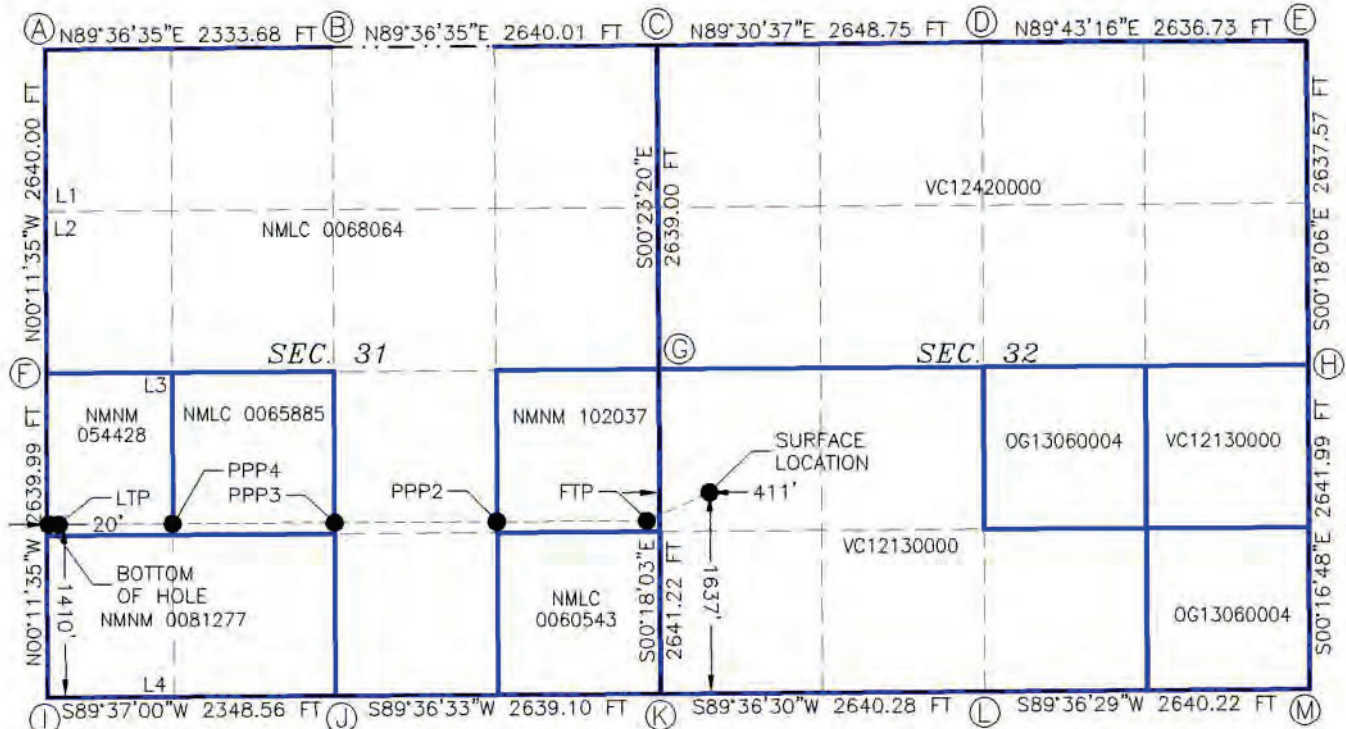
PPP2
1410' FSL, 1321' FEL
N.=682198.76
E.=672891.89
LAT.=32.8746511°N
LONG.=103.9048321°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 006H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3864.1
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 676 SOUTH	Ft. from E/W 1085 WEST	Latitude 32.8726517°N	Longitude 103.8969942°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 1250 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8741839°N	Longitude 103.9166993°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 676 SOUTH	Ft. from E/W 1085 WEST	Latitude 32.8726517°N	Longitude 103.8969942°W	County EDDY
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First Take Point (FTP)

UL P	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 1250 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8742204°N	Longitude 103.9008563°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 1250 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8741845°N	Longitude 103.9164387°W	County EDDY
----	---------------	------------------	---------------	----------	----------------------------	--------------------------	--------------------------	----------------------------	----------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10371A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

PETTY 31CD FED COM 006H
EL. = 3864.1

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
676' FSL, 1085' FWL
N.=681481.19
E.=675301.24
LAT.=32.8726517°N
LONG.=103.8969942°W

LAST TAKE POINT
1250' FSL, 100' FWL
N.=682014.72
E.=669329.16
LAT.=32.8741845°N
LONG.=103.9164387°W

PPP3
1250' FSL, 2640' FEL
N.=682029.89
E.=671573.58
LAT.=32.8742016°N
LONG.=103.9091282°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

KICK OFF POINT
676' FSL, 1085' FWL
N.=681481.19
E.=675301.24
LAT.=32.8726517°N
LONG.=103.8969942°W

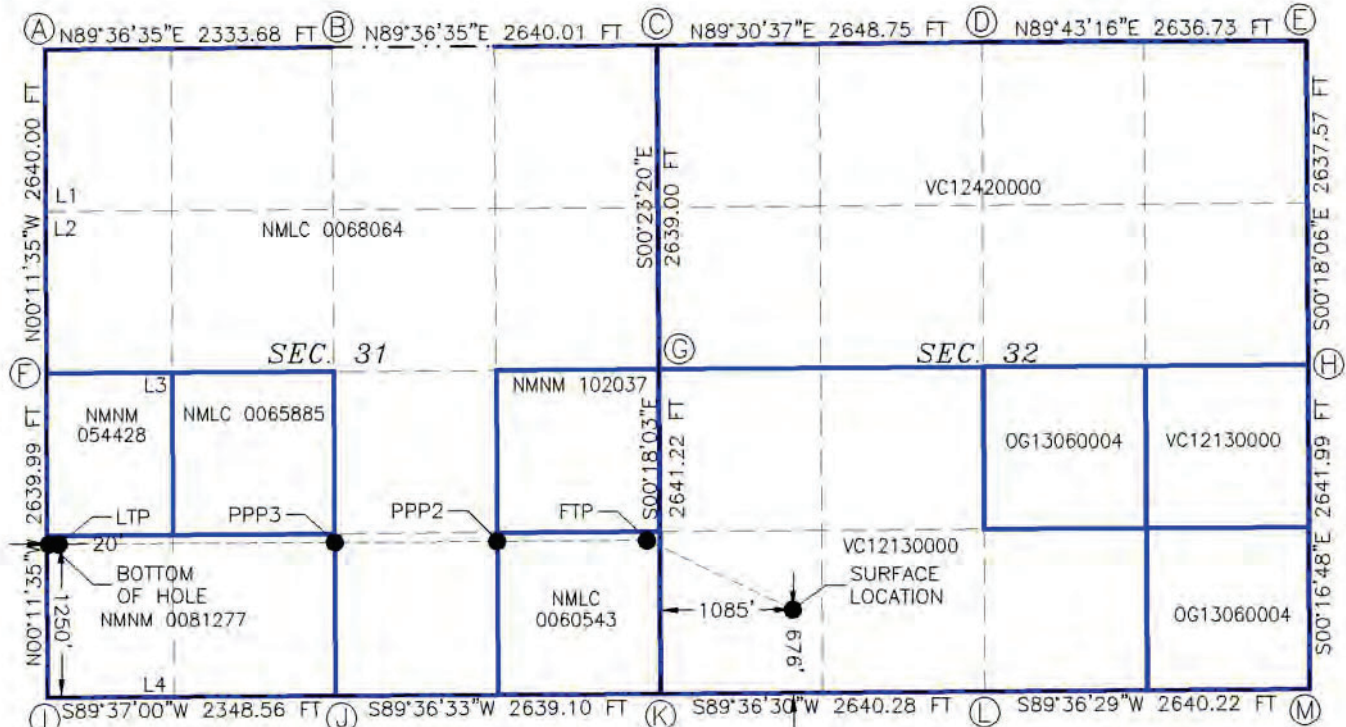
BOTTOM OF HOLE
1250' FSL, 20' FWL
N.=682014.18
E.=669249.18
LAT.=32.8741839°N
LONG.=103.9166993°W

FIRST TAKE POINT
1250' FSL, 100' FEL
N.=682047.06
E.=674113.15
LAT.=32.8742204°N
LONG.=103.9008563°W

PPP2
1250' FSL, 1321' FEL
N.=682038.81
E.=672892.86
LAT.=32.8742114°N
LONG.=103.9048310°W

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 007H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3863.8
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 656 SOUTH	Ft. from E/W 1086 WEST	Latitude 32.8725966°N	Longitude 103.8969924°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 875 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8731534°N	Longitude 103.9166999°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 656 SOUTH	Ft. from E/W 1086 WEST	Latitude 32.8725966°N	Longitude 103.8969924°W	County EDDY
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First Take Point (FTP)

UL P	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 875 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8731900°N	Longitude 103.9008549°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 875 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8731540°N	Longitude 103.9164395°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

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Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10372A

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PETTY 31CD FED COM 007H
EL. = 3863.8

GEODETTIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
656' FSL, 1086' FWL
N.=681461.17
E.=675301.85
LAT.=32.8725966°N
LONG.=103.8969924°W

LAST TAKE POINT
875' FSL, 100' FWL
N.=681639.82
E.=669330.42
LAT.=32.8731540°N
LONG.=103.9164395°W

PPP3
875' FSL, 2640' FEL
N.=681654.99
E.=671575.90
LAT.=32.8731711°N
LONG.=103.9091256°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

KICK OFF POINT
656' FSL, 1086' FWL
N.=681461.17
E.=675301.85
LAT.=32.8725966°N
LONG.=103.8969924°W

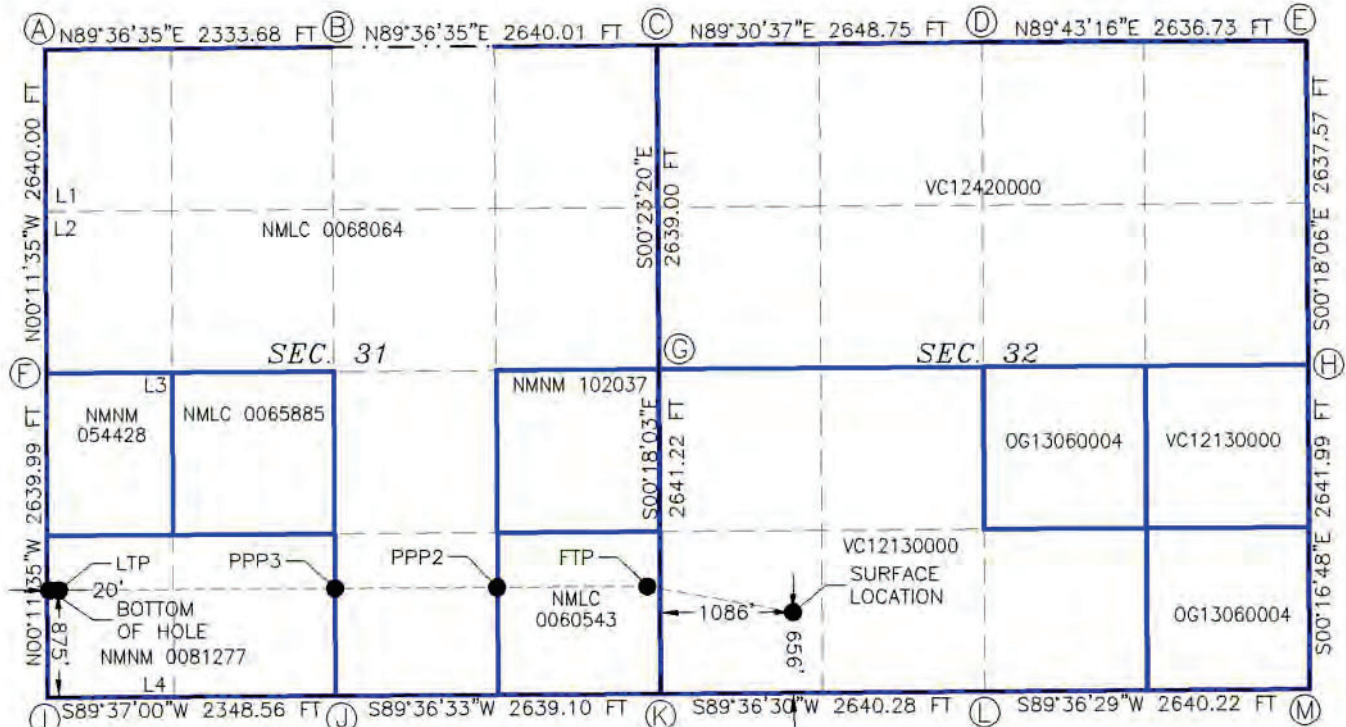
BOTTOM OF HOLE
875' FSL, 20' FWL
N.=681639.28
E.=669250.45
LAT.=32.8731534°N
LONG.=103.9166999°W

FIRST TAKE POINT
875' FSL, 100' FEL
N.=681672.15
E.=674115.11
LAT.=32.8731900°N
LONG.=103.9008549°W

PPP2
875' FSL, 1320' FEL
N.=681663.90
E.=672895.15
LAT.=32.8731810°N
LONG.=103.9048285°W

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 008H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3862.9
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 636 SOUTH	Ft. from E/W 1086 WEST	Latitude 32.8725415°N	Longitude 103.8969910°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 500 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8721229°N	Longitude 103.9167007°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 636 SOUTH	Ft. from E/W 1086 WEST	Latitude 32.8725415°N	Longitude 103.8969910°W	County EDDY
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First Take Point (FTP)

UL P	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 500 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8721595°N	Longitude 103.9008535°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 500 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8721236°N	Longitude 103.9164402°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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Signature

Date

Printed Name

Email Address

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Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2026

SURVEY NO. 10373A

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PETTY 31CD FED COM 008H
EL. = 3862.9

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
636' FSL, 1086' FWL
N.=681441.12
E.=675302.37
LAT.=32.8725415°N
LONG.=103.8969910°W

LAST TAKE POINT
500' FSL, 100' FWL
N.=681264.92
E.=669331.69
LAT.=32.8721236°N
LONG.=103.9164402°W

PPP3
500' FSL, 2640' FEL
N.=681280.09
E.=671578.22
LAT.=32.8721407°N
LONG.=103.9091229°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

KICK OFF POINT
636' FSL, 1086' FWL
N.=681441.12
E.=675302.37
LAT.=32.8725415°N
LONG.=103.8969910°W

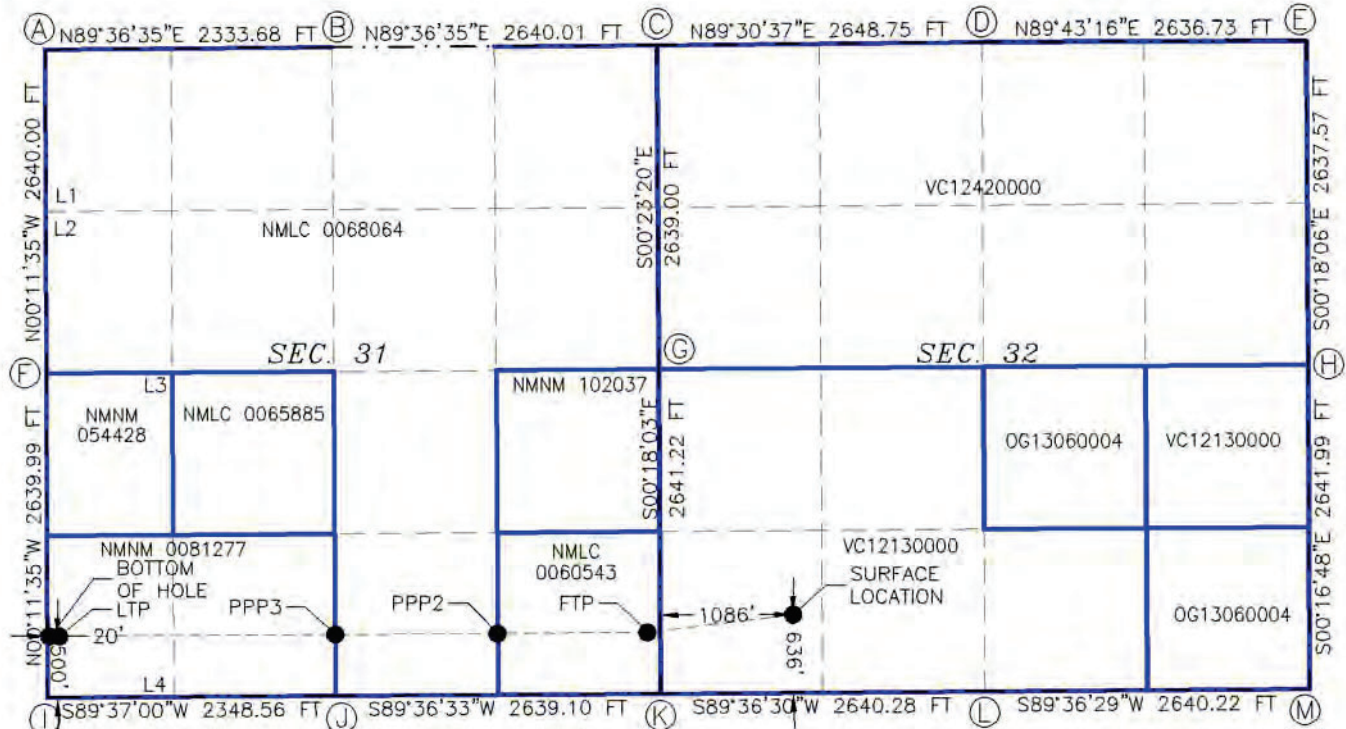
BOTTOM OF HOLE
500' FSL, 20' FWL
N.=681264.38
E.=669251.71
LAT.=32.8721229°N
LONG.=103.9167007°W

FIRST TAKE POINT
500' FSL, 100' FEL
N.=681297.26
E.=674117.08
LAT.=32.8721595°N
LONG.=103.9008535°W

PPP2
500' FSL, 1320' FEL
N.=681289.01
E.=672897.44
LAT.=32.8721505°N
LONG.=103.9048260°W

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name PETTY 31CD FED COM	Well Number 009H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3862.2
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 616 SOUTH	Ft. from E/W 1087 WEST	Latitude 32.8724865°N	Longitude 103.8969897°W	County EDDY
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Bottom Hole Location

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 340 SOUTH	Ft. from E/W 20 WEST	Latitude 32.8716833°N	Longitude 103.9167010°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL M	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 616 SOUTH	Ft. from E/W 1087 WEST	Latitude 32.8724865°N	Longitude 103.8969897°W	County EDDY
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First Take Point (FTP)

UL P	Section 31	Township 16 S	Range 31 E	Lot	Ft. from N/S 340 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8717199°N	Longitude 103.9008529°W	County EDDY
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Last Take Point (LTP)

UL	Section 31	Township 16 S	Range 31 E	Lot 4	Ft. from N/S 340 SOUTH	Ft. from E/W 100 WEST	Latitude 32.8716839°N	Longitude 103.9164405°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 2, 2025

SURVEY NO. 10374A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

PETTY 31CD FED COM 009H
EL. = 3862.2

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
616' FSL, 1087' FWL
N.=681421.09
E.=675302.87
LAT.=32.8724865°N
LONG.=103.8969897°W

LAST TAKE POINT
340' FSL, 100' FWL
N.=681104.96
E.=669332.23
LAT.=32.8716839°N
LONG.=103.9164405°W

PPP3
340' FSL, 2639' FEL
N.=681120.14
E.=671579.21
LAT.=32.8717010°N
LONG.=103.9091218°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

KICK OFF POINT
616' FSL, 1087' FWL
N.=681421.09
E.=675302.87
LAT.=32.8724865°N
LONG.=103.8969897°W

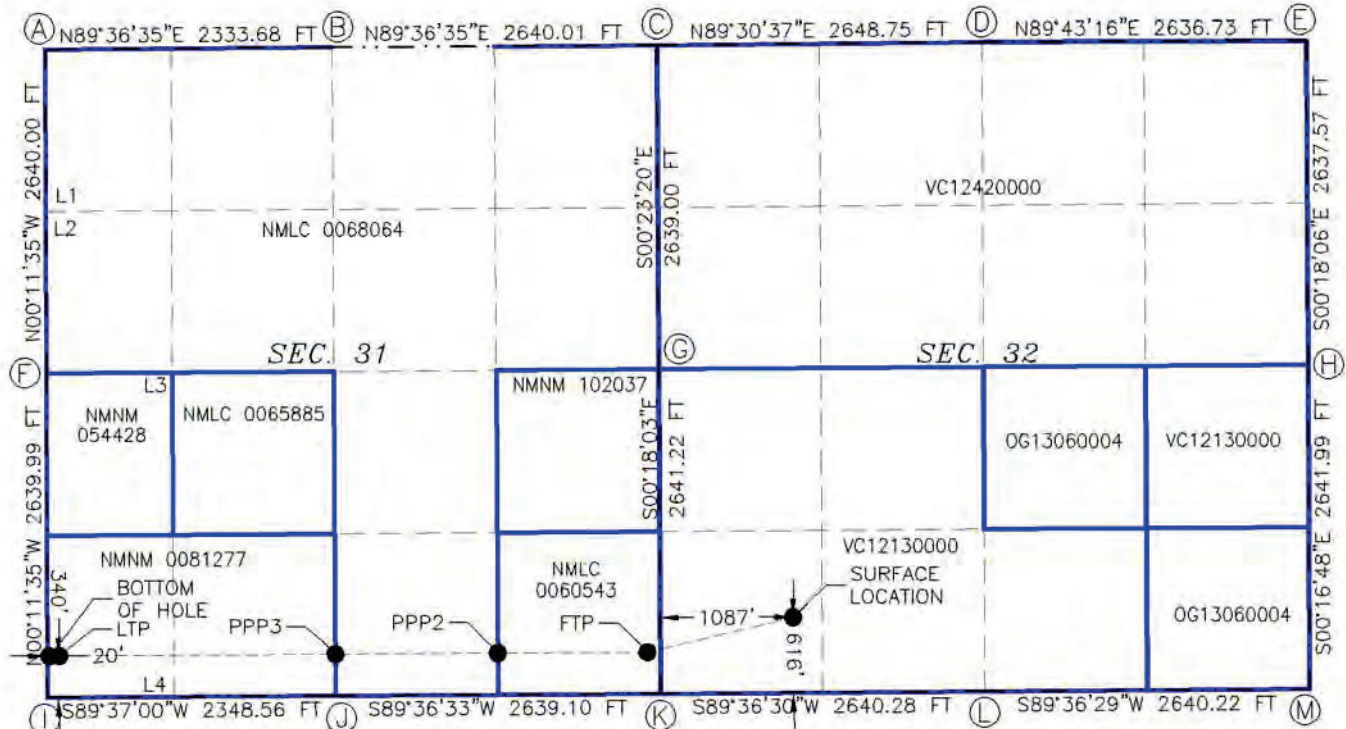
BOTTOM OF HOLE
340' FSL, 20' FWL
N.=681104.42
E.=669252.25
LAT.=32.8716833°N
LONG.=103.9167010°W

FIRST TAKE POINT
340' FSL, 100' FEL
N.=681137.30
E.=674117.92
LAT.=32.8717199°N
LONG.=103.9008529°W

PPP2
340' FSL, 1320' FEL
N.=681129.05
E.=672898.42
LAT.=32.8717109°N
LONG.=103.9048249°W

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 001H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3926.6
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1097 NORTH	Ft. from E/W 2039 EAST	Latitude 32.8823135°N	Longitude 103.8899838°W	County EDDY
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Bottom Hole Location

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 341 NORTH	Ft. from E/W 20 EAST	Latitude 32.8844353°N	Longitude 103.8662147°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1097 NORTH	Ft. from E/W 2039 EAST	Latitude 32.8823135°N	Longitude 103.8899838°W	County EDDY
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First Take Point (FTP)

UL D	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 341 NORTH	Ft. from E/W 100 WEST	Latitude 32.8843962°N	Longitude 103.8830189°W	County EDDY
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Last Take Point (LTP)

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 341 NORTH	Ft. from E/W 100 EAST	Latitude 32.8844347°N	Longitude 103.8664752°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

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Signature

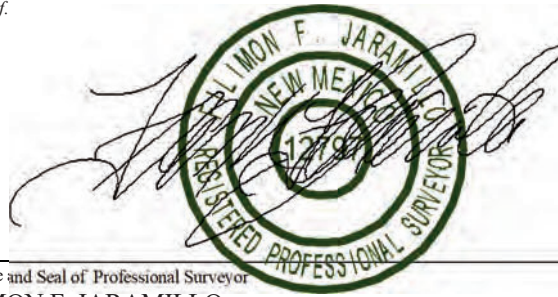
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

DECEMBER 11, 2025

SURVEY NO. 10492A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

VAN HALEN 33AB FED COM 001H
EL. = 3926.6

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1097' FNL, 2039' FEL
N.=685005.34
E.=677438.80
LAT.=32.8823135°N
LONG.=103.8899838°W

LAST TAKE POINT
341' FNL, 100' FEL
N.=685808.21
E.=684652.21
LAT.=32.8844347°N
LONG.=103.8664752°W

PPP3
341' FNL, 2640' FWL
N.=685790.17
E.=682112.94
LAT.=32.8844157°N
LONG.=103.8747471°W

KICK OFF POINT
1097' FNL, 2039' FEL
N.=685005.34
E.=677438.80
LAT.=32.8823135°N
LONG.=103.8899838°W

BOTTOM OF HOLE
341' FNL, 20' FEL
N.=685808.78
E.=684732.19
LAT.=32.8844353°N
LONG.=103.8662147°W

PPP4
341' FNL, 1320' FEL
N.=685799.55
E.=683432.54
LAT.=32.8844256°N
LONG.=103.8704484°W

FIRST TAKE POINT
341' FNL, 100' FWL
N.=685772.13
E.=679573.68
LAT.=32.8843962°N
LONG.=103.8830189°W

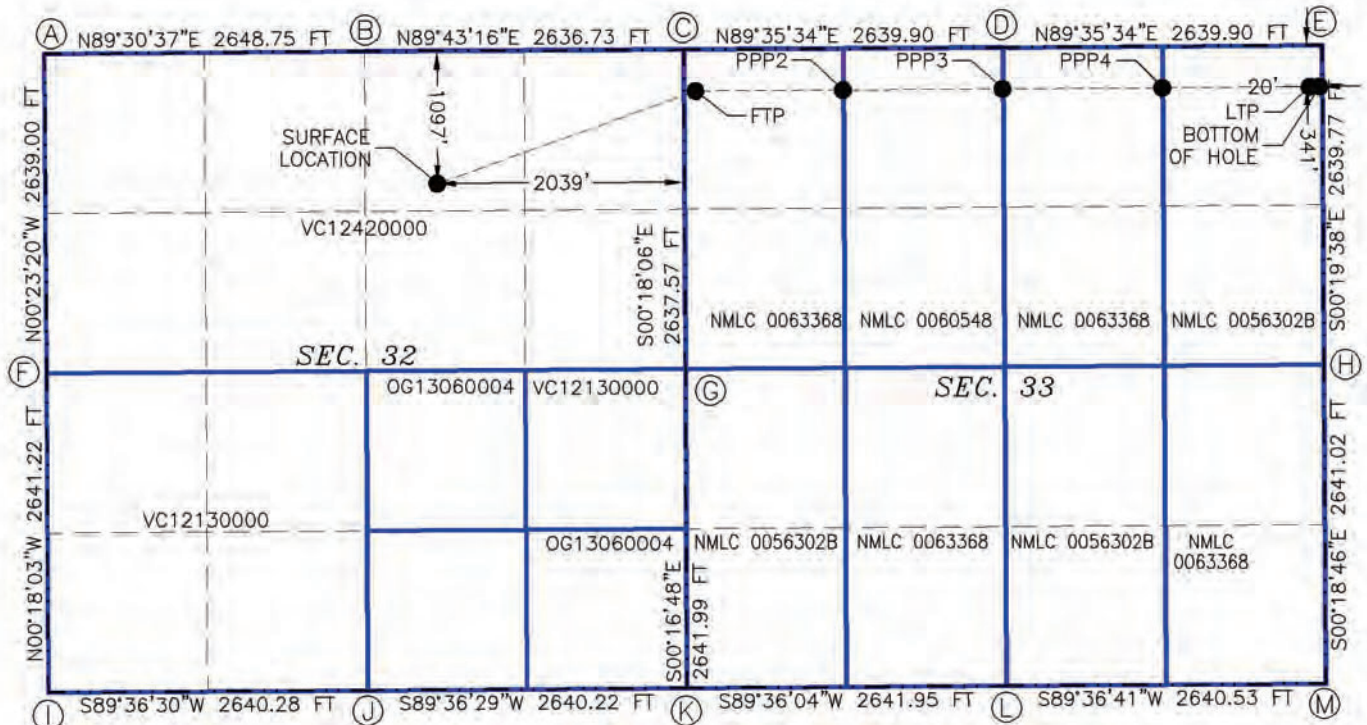
PPP2
341' FNL, 1320' FWL
N.=685780.79
E.=680793.29
LAT.=32.8844056°N
LONG.=103.8790460°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 002H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3927.8
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1098 NORTH	Ft. from E/W 2019 EAST	Latitude 32.8823108°N	Longitude 103.8899187°W	County EDDY
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Bottom Hole Location

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 481 NORTH	Ft. from E/W 20 EAST	Latitude 32.8840506°N	Longitude 103.8662141°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1098 NORTH	Ft. from E/W 2019 EAST	Latitude 32.8823108°N	Longitude 103.8899187°W	County EDDY
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First Take Point (FTP)

UL D	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 481 NORTH	Ft. from E/W 100 WEST	Latitude 32.8840115°N	Longitude 103.8830185°W	County EDDY
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Last Take Point (LTP)

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 481 NORTH	Ft. from E/W 100 EAST	Latitude 32.8840500°N	Longitude 103.8664746°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10493A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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VAN HALEN 33AB FED COM 002H
EL. = 3927.8

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1098' FNL, 2019' FEL
N.=685004.44
E.=677458.79
LAT.=32.8823108°N
LONG.=103.8899187°W

LAST TAKE POINT
481' FNL, 100' FEL
N.=685668.25
E.=684653.01
LAT.=32.8840500°N
LONG.=103.8664746°W

PPP3
481' FNL, 2640' FEL
N.=685650.21
E.=682113.70
LAT.=32.8840310°N
LONG.=103.8747466°W

KICK OFF POINT
1098' FNL, 2019' FEL
N.=685004.44
E.=677458.79
LAT.=32.8823108°N
LONG.=103.8899187°W

BOTTOM OF HOLE
481' FNL, 20' FEL
N.=685668.81
E.=684732.99
LAT.=32.8840506°N
LONG.=103.8662141°W

PPP4
481' FNL, 1320' FEL
N.=685659.58
E.=683433.32
LAT.=32.8840409°N
LONG.=103.8704478°W

FIRST TAKE POINT
481' FNL, 100' FWL
N.=685632.16
E.=679574.42
LAT.=32.8840115°N
LONG.=103.8830185°W

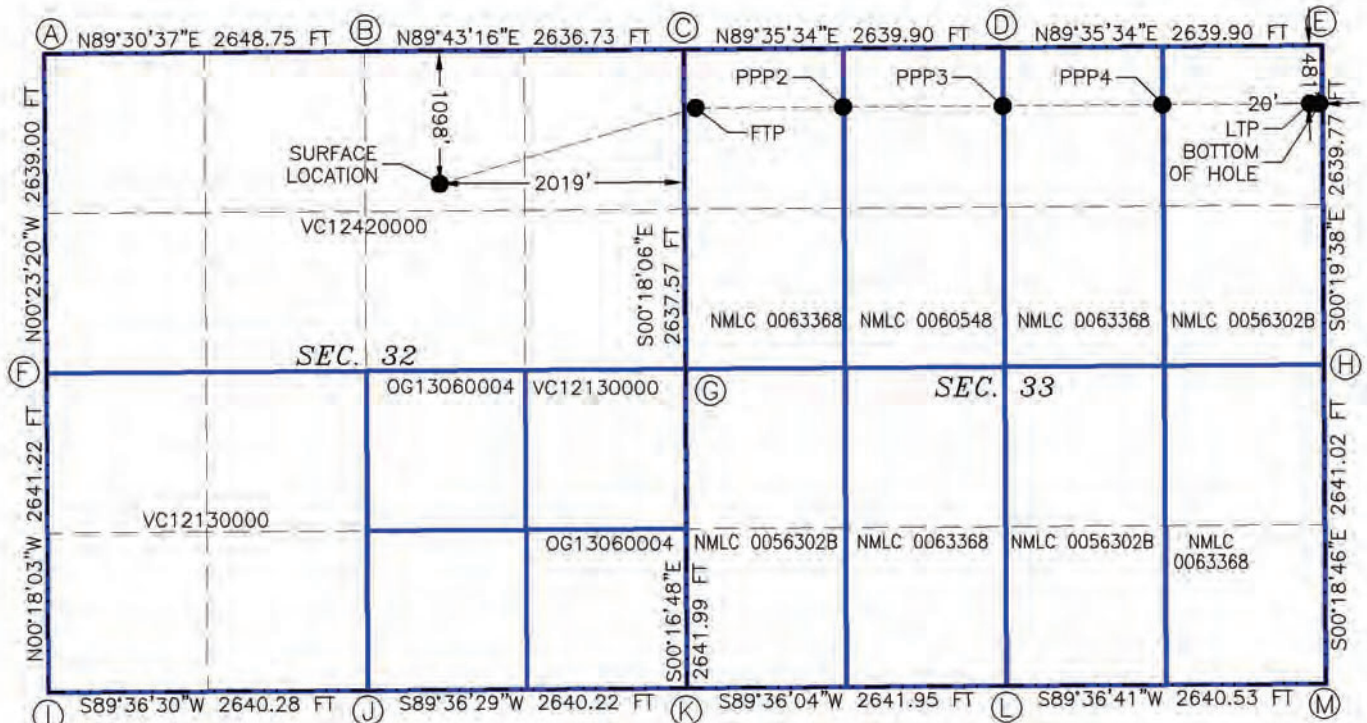
PPP2
481' FNL, 1320' FEL
N.=685640.83
E.=680794.03
LAT.=32.8840209°N
LONG.=103.8790455°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 003H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3930.4
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1099 NORTH	Ft. from E/W 1999 EAST	Latitude 32.8823081°N	Longitude 103.8898536°W	County EDDY
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Bottom Hole Location

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 856 NORTH	Ft. from E/W 20 EAST	Latitude 32.8830201°N	Longitude 103.8662125°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1099 NORTH	Ft. from E/W 1999 EAST	Latitude 32.8823081°N	Longitude 103.8898536°W	County EDDY
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First Take Point (FTP)

UL D	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 856 NORTH	Ft. from E/W 100 WEST	Latitude 32.8829810°N	Longitude 103.8830173°W	County EDDY
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Last Take Point (LTP)

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 856 NORTH	Ft. from E/W 100 EAST	Latitude 32.8830195°N	Longitude 103.8664730°W	County EDDY
---------	---------------	------------------	---------------	-----	---------------------------	--------------------------	--------------------------	----------------------------	----------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
---	---	-------------------------

OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

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Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10494A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 004H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3928.3
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1100 NORTH	Ft. from E/W 1979 EAST	Latitude 32.8823055°N	Longitude 103.8897886°W	County EDDY
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Bottom Hole Location

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1230 NORTH	Ft. from E/W 20 EAST	Latitude 32.8819924°N	Longitude 103.8662109°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL B	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1100 NORTH	Ft. from E/W 1979 EAST	Latitude 32.8823055°N	Longitude 103.8897886°W	County EDDY
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First Take Point (FTP)

UL D	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1230 NORTH	Ft. from E/W 100 WEST	Latitude 32.8819533°N	Longitude 103.8830160°W	County EDDY
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Last Take Point (LTP)

UL A	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1230 NORTH	Ft. from E/W 100 EAST	Latitude 32.8819918°N	Longitude 103.8664715°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

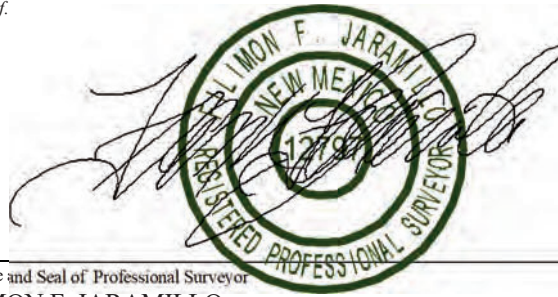
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

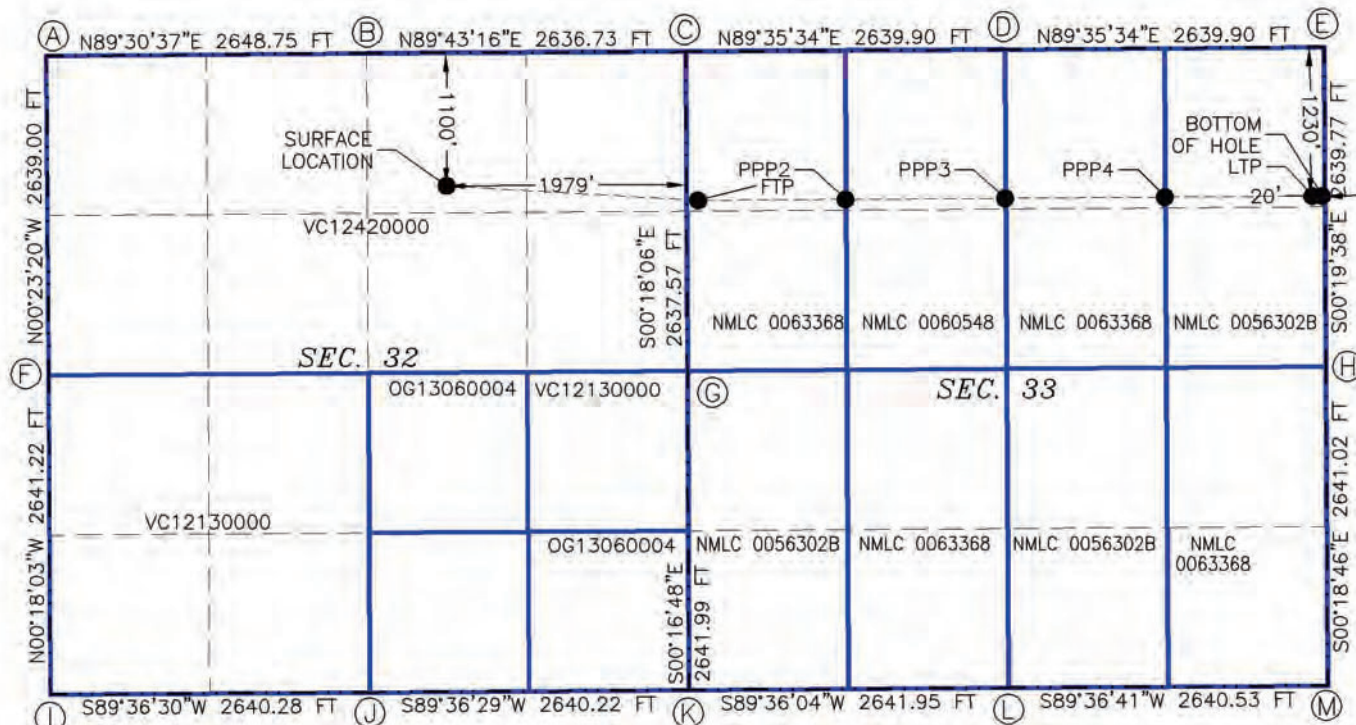
PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10495A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 005H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3922.5
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1356 NORTH	Ft. from E/W 1982 EAST	Latitude 32.8816015°N	Longitude 103.8897965°W	County EDDY
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Bottom Hole Location

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1390 NORTH	Ft. from E/W 20 EAST	Latitude 32.8815528°N	Longitude 103.8662103°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1356 NORTH	Ft. from E/W 1982 EAST	Latitude 32.8816015°N	Longitude 103.8897965°W	County EDDY
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First Take Point (FTP)

UL E	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1390 NORTH	Ft. from E/W 100 WEST	Latitude 32.8815136°N	Longitude 103.8830155°W	County EDDY
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Last Take Point (LTP)

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1390 NORTH	Ft. from E/W 100 EAST	Latitude 32.8815522°N	Longitude 103.8664708°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10496A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 006H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3921.6
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1355 NORTH	Ft. from E/W 2002 EAST	Latitude 32.8816042°N	Longitude 103.8898615°W	County EDDY
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Bottom Hole Location

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1765 NORTH	Ft. from E/W 20 EAST	Latitude 32.8805223°N	Longitude 103.8662087°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1355 NORTH	Ft. from E/W 2002 EAST	Latitude 32.8816042°N	Longitude 103.8898615°W	County EDDY
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First Take Point (FTP)

UL E	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1765 NORTH	Ft. from E/W 100 WEST	Latitude 32.8804832°N	Longitude 103.8830143°W	County EDDY
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Last Take Point (LTP)

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1765 NORTH	Ft. from E/W 100 EAST	Latitude 32.8805217°N	Longitude 103.8664692°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10497A

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

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

VAN HALEN 33AB FED COM 006H
EL. = 3921.6

GEODETIC COORDINATES

NAD 83 NMSP EAST

SURFACE LOCATION

1355' FNL, 2002' FEL

N.=684747.44

E.=677477.42

LAT.=32.8816042°N

LONG.=103.8898615°W

LAST TAKE POINT

1765' FNL, 100' FEL

N.=684384.60

E.=684660.34

LAT.=32.8805217°N

LONG.=103.8664692°W

PPP3

1765' FNL, 2640' FWL

N.=684366.55

E.=682120.72

LAT.=32.8805028°N

LONG.=103.8747419°W

KICK OFF POINT

1355' FNL, 2002' FEL

N.=684747.44

E.=677477.42

LAT.=32.8816042°N

LONG.=103.8898615°W

BOTTOM OF HOLE

1765' FNL, 20' FEL

N.=684385.16

E.=684740.31

LAT.=32.8805223°N

LONG.=103.8662087°W

PPP4

1765' FNL, 1320' FEL

N.=684375.93

E.=683440.41

LAT.=32.8805127°N

LONG.=103.8704431°W

FIRST TAKE POINT

1765' FNL, 100' FWL

N.=684348.51

E.=679581.18

LAT.=32.8804832°N

LONG.=103.8830143°W

PPP2

1765' FNL, 1320' FWL

N.=684357.17

E.=680800.80

LAT.=32.8804926°N

LONG.=103.8790415°W

CORNER COORDINATES TABLE

NAD 83 NMSP EAST

A - N.=686076.85 E.=674187.91

B - N.=686099.49 E.=676835.89

C - N.=686112.32 E.=679471.91

D - N.=686131.08 E.=682111.08

E - N.=686149.83 E.=684750.24

F - N.=683438.58 E.=674205.82

G - N.=683475.46 E.=679485.80

H - N.=683510.78 E.=684765.30

I - N.=680798.07 E.=674219.68

J - N.=680816.12 E.=676859.22

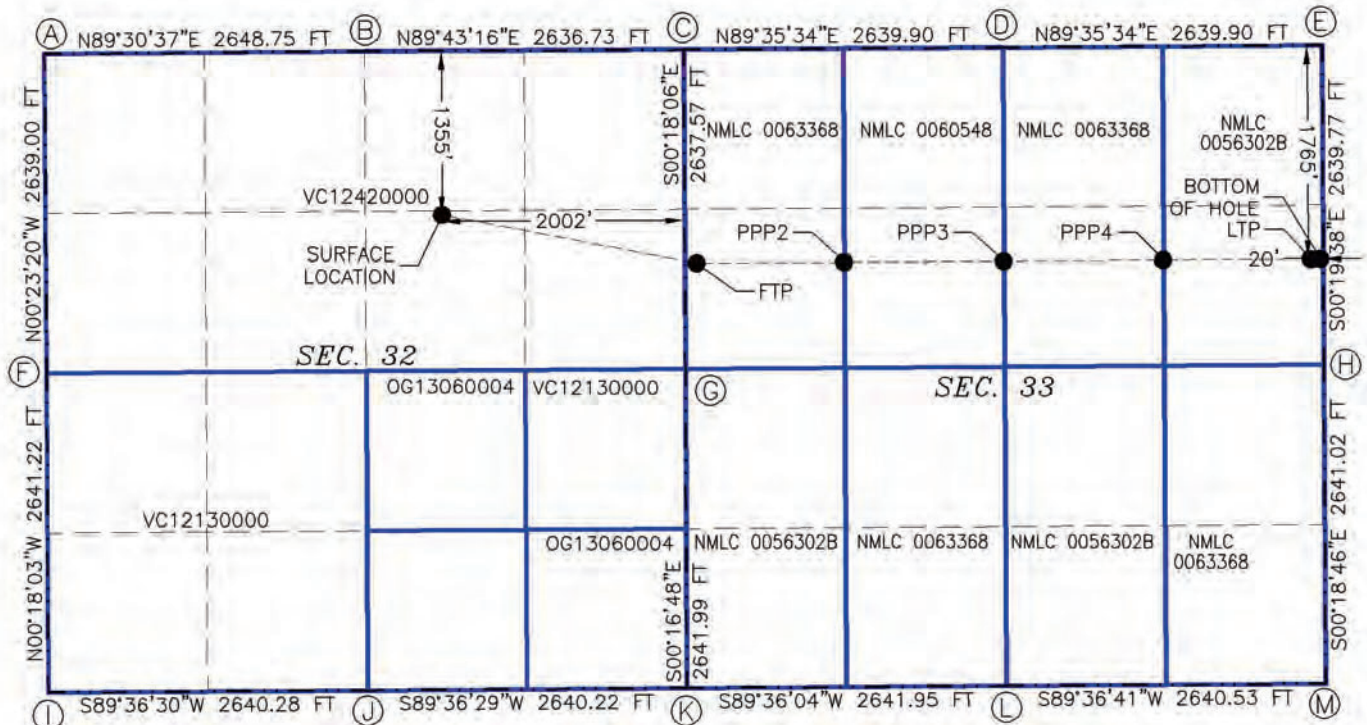
K - N.=680834.18 E.=679498.71

L - N.=680852.56 E.=682139.92

M - N.=680870.47 E.=684779.72

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 007H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3921.2
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1355 NORTH	Ft. from E/W 2022 EAST	Latitude 32.8816068°N	Longitude 103.8899266°W	County EDDY
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Bottom Hole Location

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2140 NORTH	Ft. from E/W 20 EAST	Latitude 32.8794919°N	Longitude 103.8662072°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1355 NORTH	Ft. from E/W 2022 EAST	Latitude 32.8816068°N	Longitude 103.8899266°W	County EDDY
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First Take Point (FTP)

UL E	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2140 NORTH	Ft. from E/W 100 WEST	Latitude 32.8794528°N	Longitude 103.8830131°W	County EDDY
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Last Take Point (LTP)

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2140 NORTH	Ft. from E/W 100 EAST	Latitude 32.8794913°N	Longitude 103.8664677°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10498A

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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VAN HALEN 33AB FED COM 007H
EL. = 3921.2

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1355' FNL, 2022' FEL
N.=684748.31
E.=677457.43
LAT.=32.8816068°N
LONG.=103.8899266°W

LAST TAKE POINT
2140' FNL, 100' FEL
N.=684009.70
E.=684662.48
LAT.=32.8794913°N
LONG.=103.8664677°W

PPP3
2140' FNL, 2640' FWL
N.=683991.65
E.=682122.77
LAT.=32.8794723°N
LONG.=103.8747405°W

KICK OFF POINT
1355' FNL, 2022' FEL
N.=684748.31
E.=677457.43
LAT.=32.8816068°N
LONG.=103.8899266°W

BOTTOM OF HOLE
2140' FNL, 20' FEL
N.=684010.27
E.=684742.45
LAT.=32.8794919°N
LONG.=103.8662072°W

PPP4
2140' FNL, 1320' FEL
N.=684001.03
E.=683442.47
LAT.=32.8794822°N
LONG.=103.8704417°W

FIRST TAKE POINT
2140' FNL, 100' FWL
N.=683973.60
E.=679583.16
LAT.=32.8794528°N
LONG.=103.8830131°W

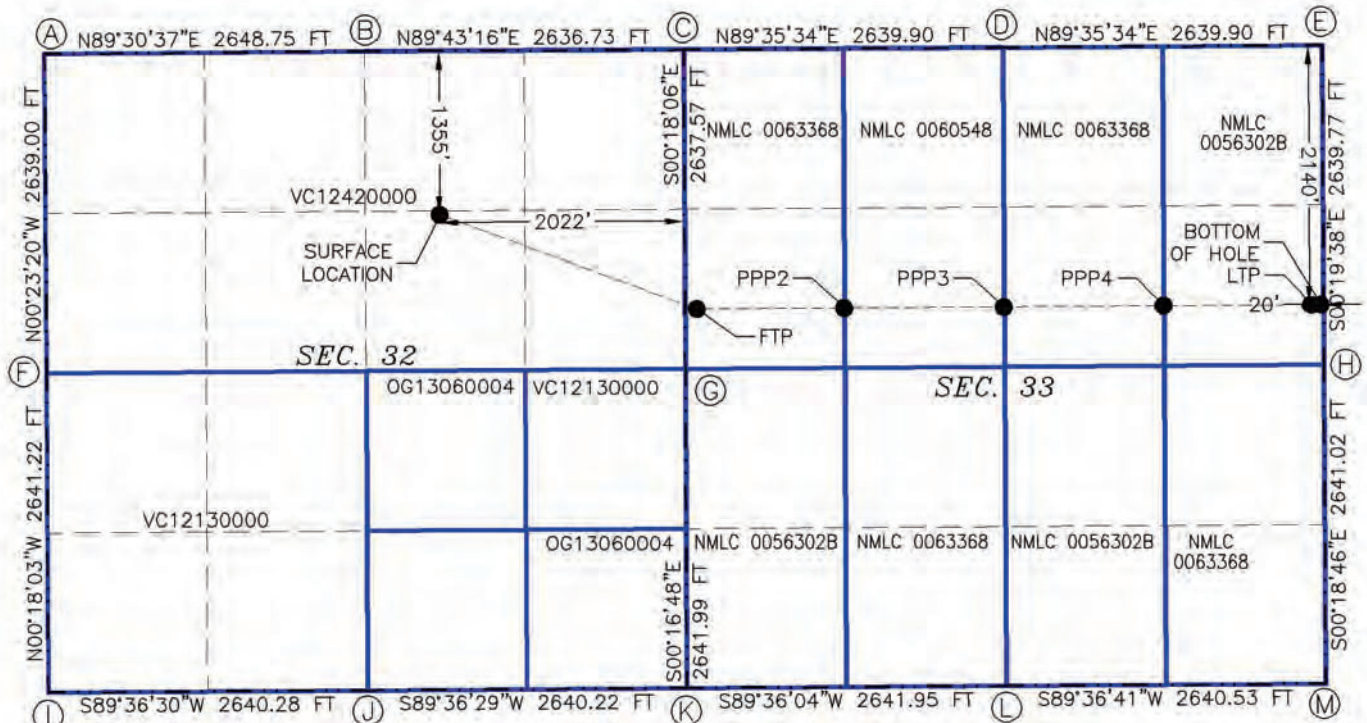
PPP2
2140' FNL, 1320' FWL
N.=683982.27
E.=680802.78
LAT.=32.8794622°N
LONG.=103.8790403°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name VAN HALEN 33AB FED COM	Well Number 008H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3920.8
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1354 NORTH	Ft. from E/W 2042 EAST	Latitude 32.8816096°N	Longitude 103.8899916°W	County EDDY
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Bottom Hole Location

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2300 NORTH	Ft. from E/W 20 EAST	Latitude 32.8790522°N	Longitude 103.8662065°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL G	Section 32	Township 16 S	Range 31 E	Lot	Ft. from N/S 1354 NORTH	Ft. from E/W 2042 EAST	Latitude 32.8816096°N	Longitude 103.8899916°W	County EDDY
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First Take Point (FTP)

UL E	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2300 NORTH	Ft. from E/W 100 WEST	Latitude 32.8790131°N	Longitude 103.8830125°W	County EDDY
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Last Take Point (LTP)

UL H	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2300 NORTH	Ft. from E/W 100 EAST	Latitude 32.8790516°N	Longitude 103.8664670°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

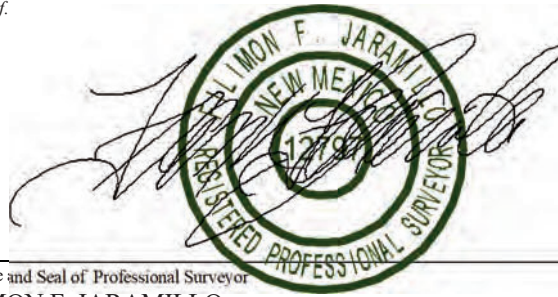
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

DECEMBER 11, 2025

SURVEY NO. 10499A

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VAN HALEN 33AB FED COM 008H
EL. = 3920.8

GEODETIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1354' FNL, 2042' FEL
N.=684749.23
E.=677437.47
LAT.=32.8816096°N
LONG.=103.8899916°W

LAST TAKE POINT
2300' FNL, 100' FEL
N.=683849.74
E.=684663.39
LAT.=32.8790516°N
LONG.=103.8664670°W

PPP3
2300' FNL, 2640' FWL
N.=683831.69
E.=682123.64
LAT.=32.8790326°N
LONG.=103.8747400°W

KICK OFF POINT
1354' FNL, 2042' FEL
N.=684749.23
E.=677437.47
LAT.=32.8816096°N
LONG.=103.8899916°W

BOTTOM OF HOLE
2300' FNL, 20' FEL
N.=683850.31
E.=684743.37
LAT.=32.8790522°N
LONG.=103.8662065°W

PPP4
2300' FNL, 1320' FWL
N.=683841.07
E.=683443.36
LAT.=32.8790426°N
LONG.=103.8704411°W

FIRST TAKE POINT
2300' FNL, 100' FWL
N.=683813.65
E.=679584.00
LAT.=32.8790131°N
LONG.=103.8830125°W

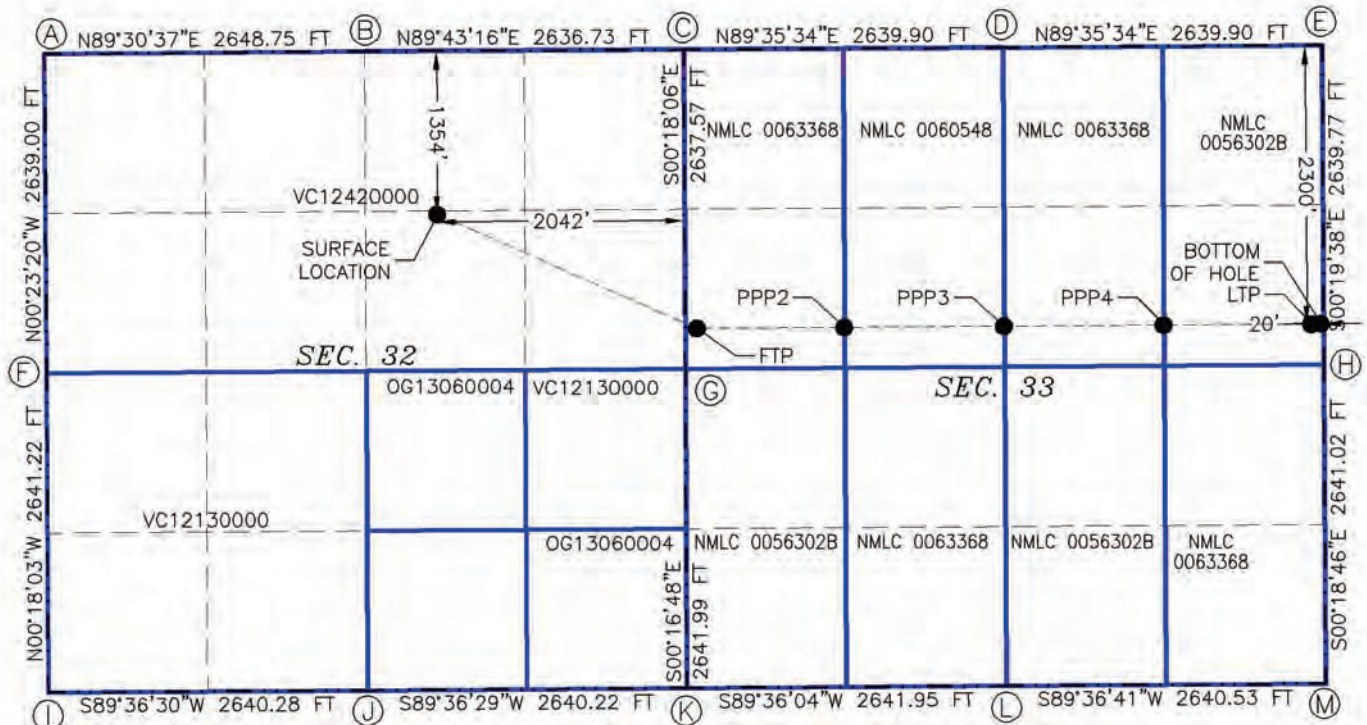
PPP2
2300' FNL, 1320' FWL
N.=683822.31
E.=680803.62
LAT.=32.8790225°N
LONG.=103.8790398°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 001H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.7
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2310 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8772090°N	Longitude 103.8662039°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2310 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8772085°N	Longitude 103.8664644°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

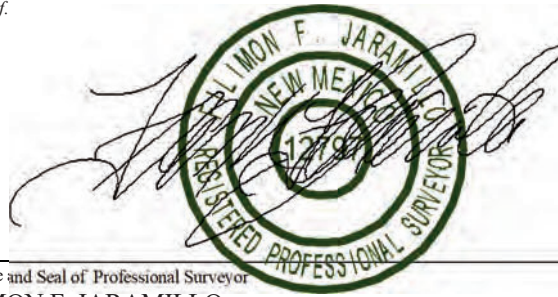
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10423

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

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

GEODETIC COORDINATES

NAD 83 NMSP EAST

SURFACE LOCATION

2251' FSL, 1802' FEL

N.=683072.00

E.=677686.65

LAT.=32.8769967°N

LONG.=103.8892029°W

LAST TAKE POINT

2310' FSL, 100' FEL

N.=683179.17

E.=684667.14

LAT.=32.8772085°N

LONG.=103.8664644°W

PPP3

2310' FSL, 2641' FWL

N.=683161.71

E.=682127.31

LAT.=32.8771911°N

LONG.=103.8747375°W

KICK OFF POINT

2251' FSL, 1802' FEL

N.=683072.00

E.=677686.65

LAT.=32.8769967°N

LONG.=103.8892029°W

BOTTOM OF HOLE

2318' FSL, 20' FEL

N.=683179.71

E.=684747.12

LAT.=32.8772090°N

LONG.=103.8662039°W

PPP4

2310' FSL, 1320' FEL

N.=683170.78

E.=683447.06

LAT.=32.8772002°N

LONG.=103.8704386°W

FIRST TAKE POINT

2310' FSL, 100' FWL

N.=683144.27

E.=679587.40

LAT.=32.8771732°N

LONG.=103.8830108°W

PPP2

2310' FSL, 1320' FWL

N.=683152.64

E.=680807.15

LAT.=32.8771819°N

LONG.=103.8790377°W

CORNER COORDINATES TABLE

NAD 83 NMSP EAST

A - N.=686076.85 E.=674187.91

B - N.=686099.49 E.=676835.89

C - N.=686112.32 E.=679471.91

D - N.=686131.08 E.=682111.08

E - N.=686149.83 E.=684750.24

F - N.=683438.58 E.=674205.82

G - N.=683475.46 E.=679485.80

H - N.=683510.78 E.=684765.30

I - N.=680798.07 E.=674219.68

J - N.=680816.12 E.=676859.22

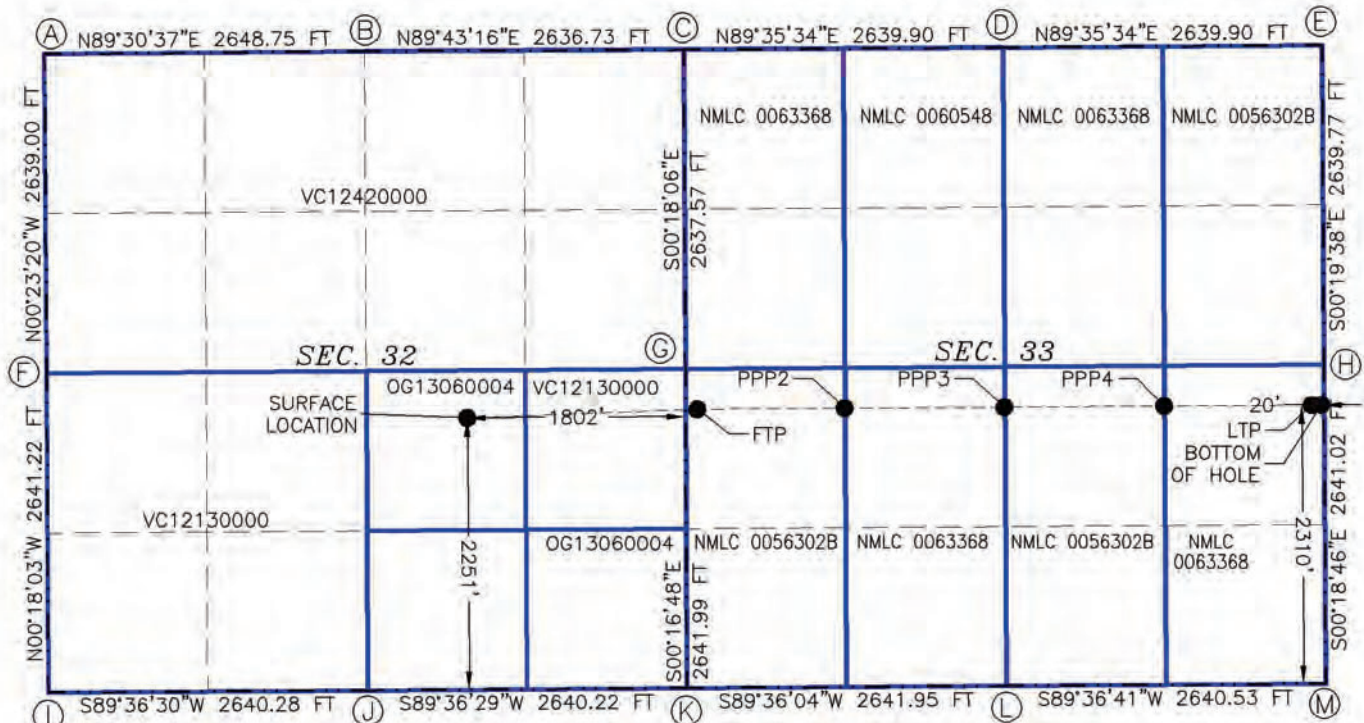
K - N.=680834.18 E.=679498.71

L - N.=680852.56 E.=682139.92

M - N.=680870.47 E.=684779.72

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 002H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.6
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 2158 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8767914°N	Longitude 103.8662035°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

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

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10424

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

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

GEODETIC COORDINATES

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

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

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

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

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

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

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

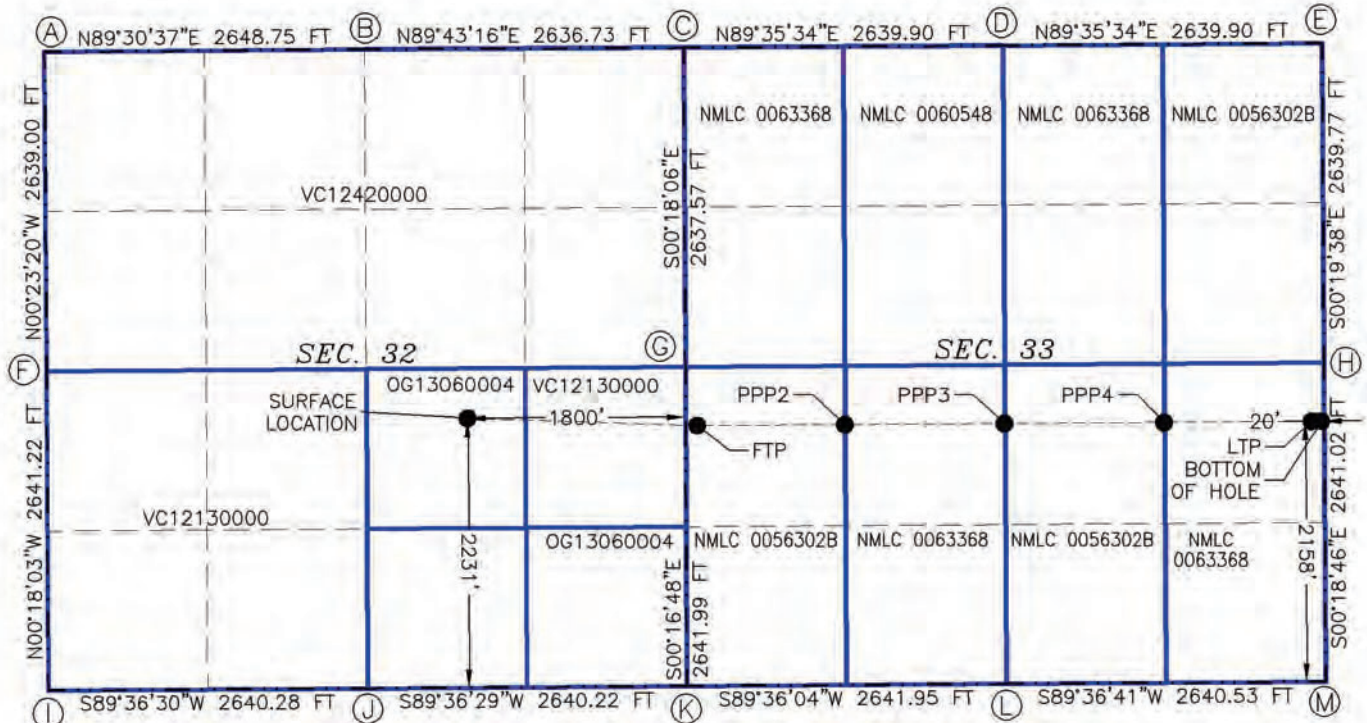
PPP2
2158' FSL, 1320' FWL
N.=683000.68
E.=680807.95
LAT.=32.8767642°N
LONG.=103.8790372°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 003H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.3
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1784 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8757636°N	Longitude 103.8662022°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1784 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8757631°N	Longitude 103.8664627°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

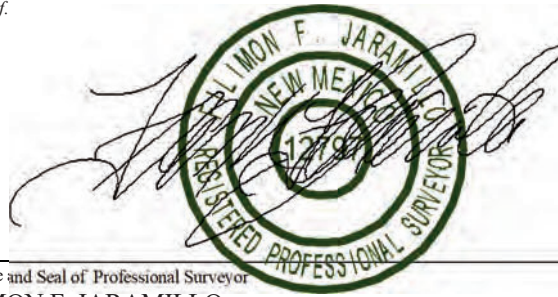
Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

APRIL 30, 2025

SURVEY NO. 10425

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

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

GEODETIC COORDINATES

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

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

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

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

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

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

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

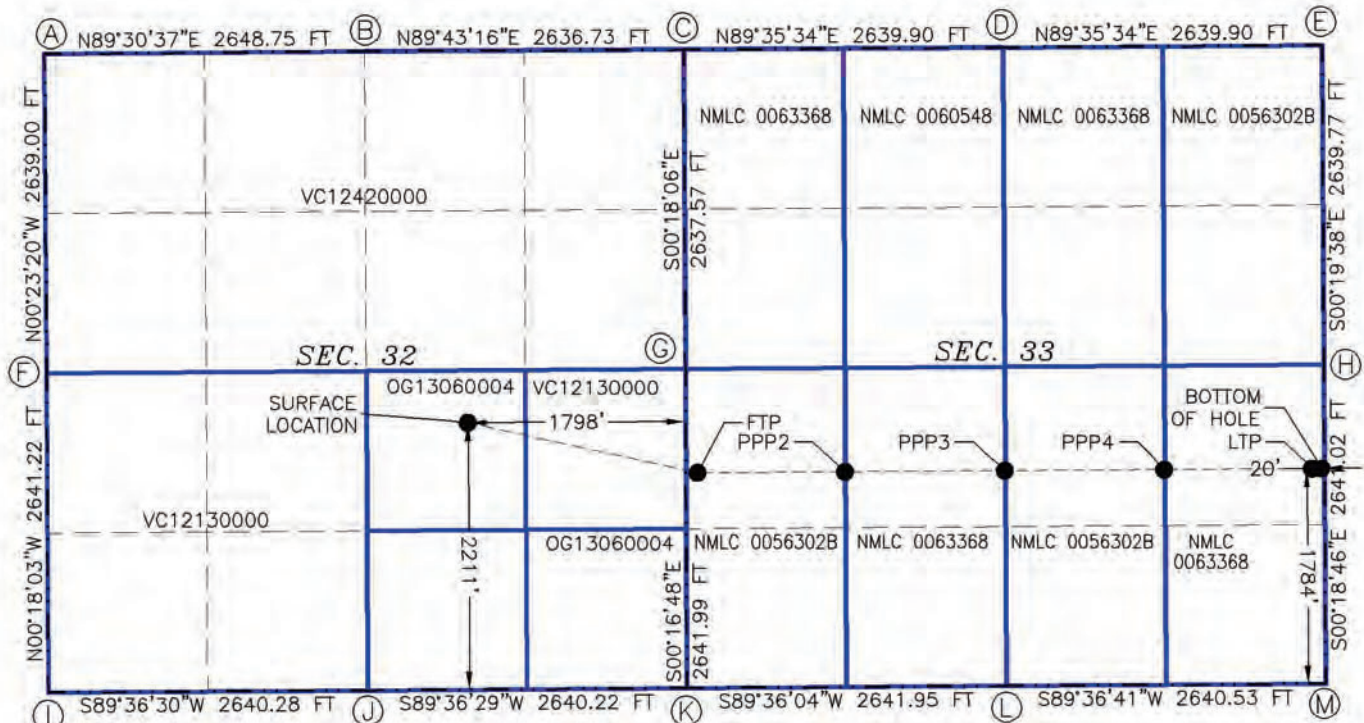
PPP2
1784' FSL, 1320' FWL
N.=682626.79
E.=680809.97
LAT.=32.8757365°N
LONG.=103.8790360°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 004H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3911.4
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL I	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1409 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8747332°N	Longitude 103.8662009°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

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

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 30, 2025

SURVEY NO. 10426

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

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

GEODETTIC COORDINATES

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

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

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

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

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

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

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

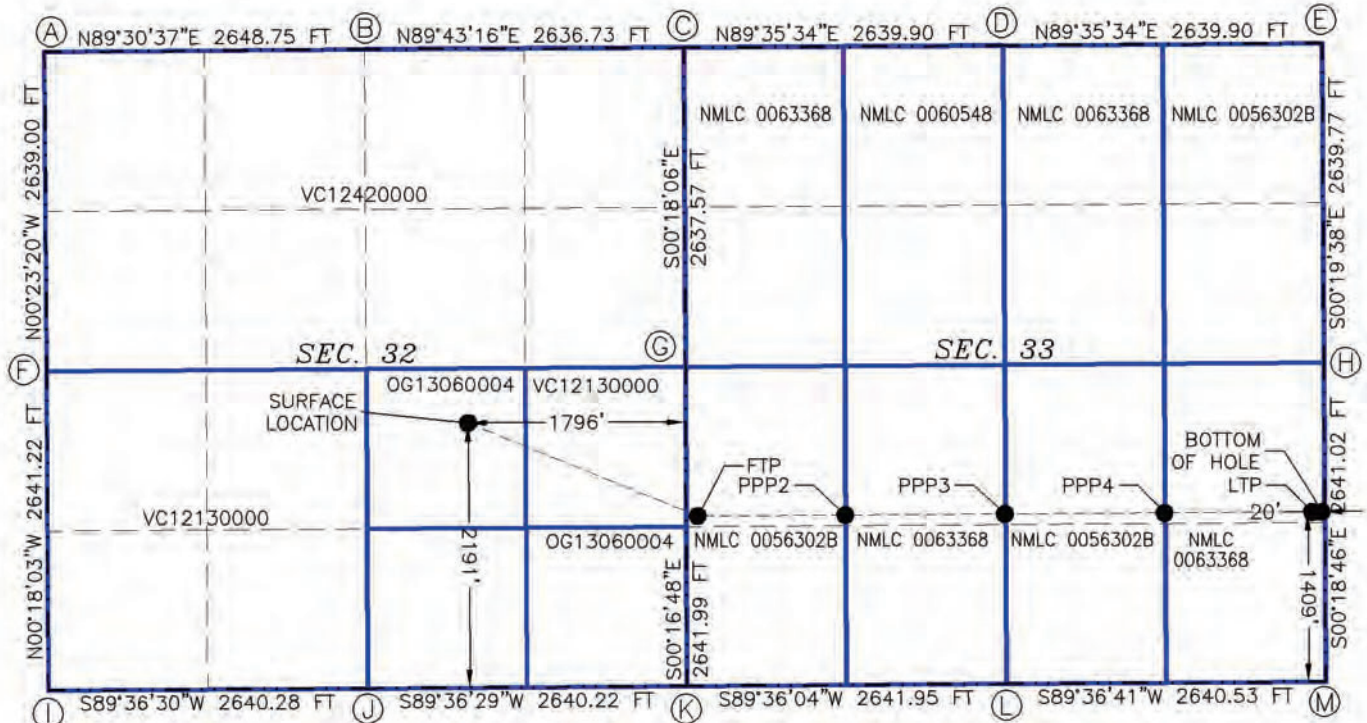
PPP2
1409' FSL, 1320' FWL
N.=682251.88
E.=680811.90
LAT.=32.8747061°N
LONG.=103.8790348°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 005H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3902.3
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

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

Kick Off Point (KOP)

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

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 1249 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8742930°N	Longitude 103.8664609°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

Date of Survey

PLS 12797

APRIL 28, 2025

SURVEY NO. 10427

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 006H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3901.2
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 874 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8732631°N	Longitude 103.8661991°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 874 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8732626°N	Longitude 103.8664596°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10428

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

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

GEODETIC COORDINATES

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

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

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

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

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

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

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

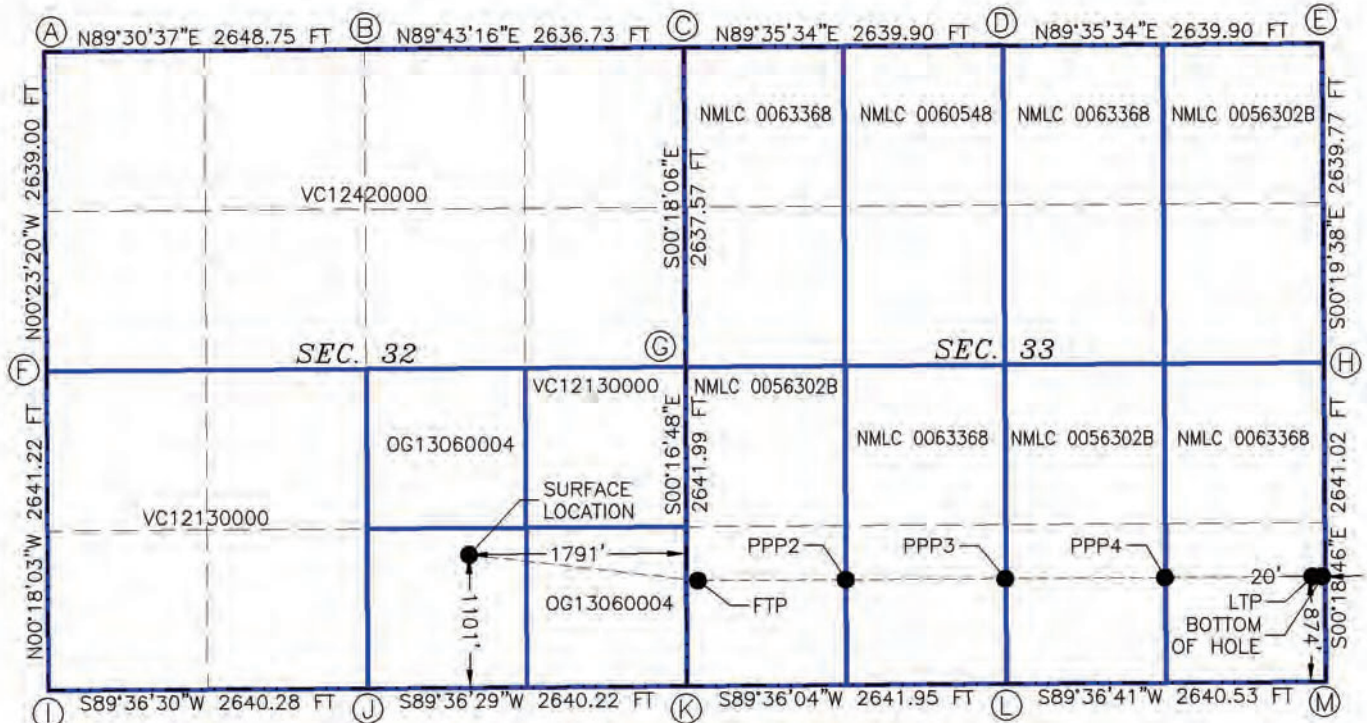
PPP2
874' FSL, 1321' FWL
N.=681717.03
E.=680814.71
LAT.=32.8732360°N
LONG.=103.8790331°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 007H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3900.9
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 500 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8722354°N	Longitude 103.8661978°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 500 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8722349°N	Longitude 103.8664583°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest run leased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order here to fore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10429

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

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

GEODETIC COORDINATES

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

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

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

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

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

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

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

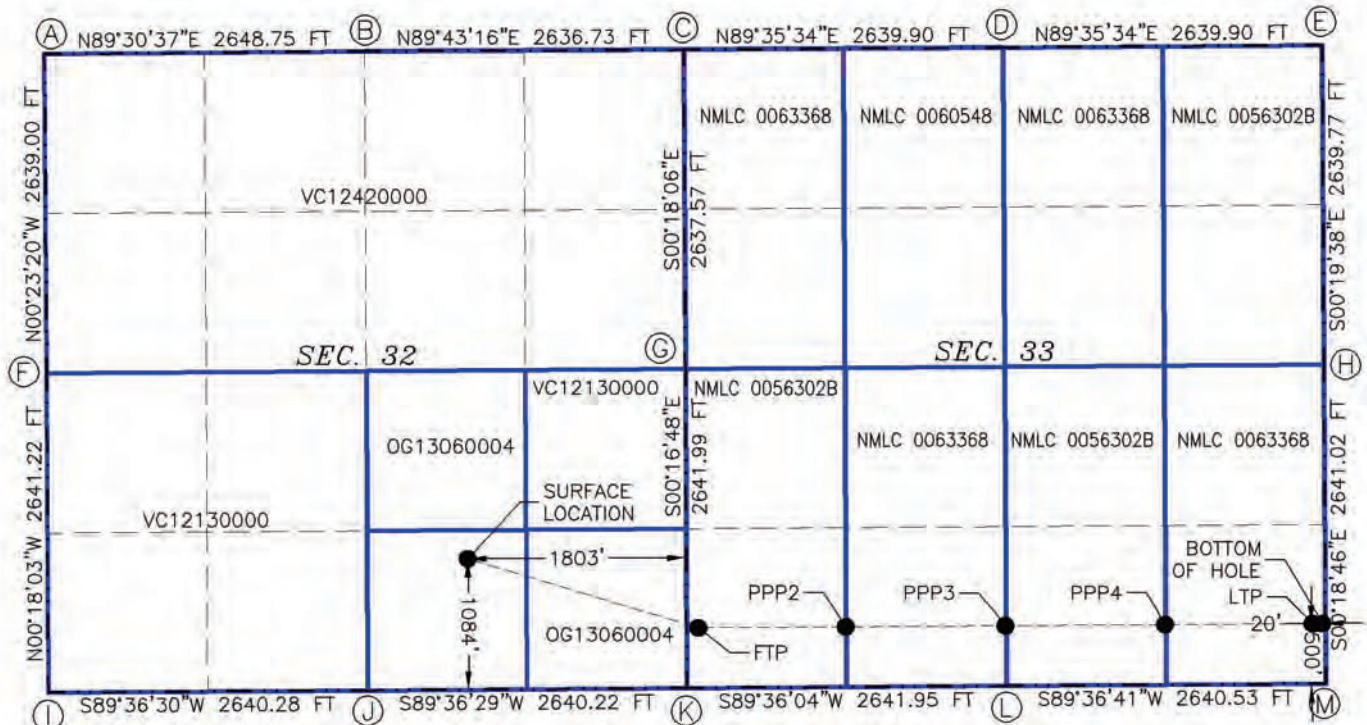
PPP2
500' FSL, 1321' FWL
N.=681343.13
E.=680816.68
LAT.=32.8722083°N
LONG.=103.8790320°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
Property Code	Property Name VAN HALEN 33CD FED COM	Well Number 008H
OGRID No. 372210	Operator Name LONGFELLOW ENERGY, LP	Ground Level Elevation 3901.0
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 339 SOUTH	Ft. from E/W 20 EAST	Latitude 32.8717930°N	Longitude 103.8661973°W	County EDDY
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

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

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

UL P	Section 33	Township 16 S	Range 31 E	Lot	Ft. from N/S 339 SOUTH	Ft. from E/W 100 EAST	Latitude 32.8717925°N	Longitude 103.8664578°W	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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Signature

Date

Printed Name

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor

FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 28, 2025

SURVEY NO. 10430

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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

VAN HALEN 33CD FED COM 008H
EL. = 3901.0

GEODETIC COORDINATES

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

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

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

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

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

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

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

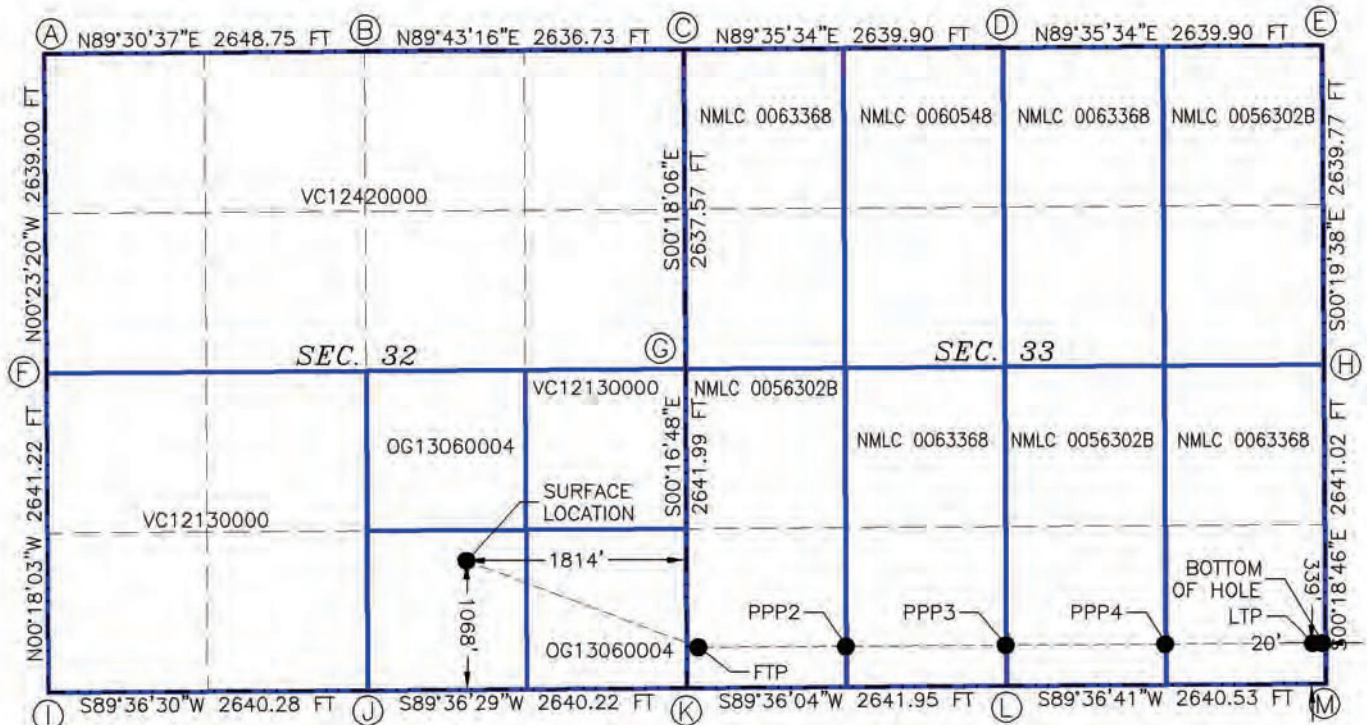
PPP2
339' FSL, 1321' FWL
N.=681182.17
E.=680817.53
LAT.=32.8717658°N
LONG.=103.8790315°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

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

LEGEND

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



Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2026, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Subdivisions NE/4 SE/4, SE/4 SE/4, W/2 SE/4, NE/4 SW/4, Lot 3 (a/d/a NW/4 SW/4), Lot 4 and SE/4 SW/4 (a/d/a S/2 SW/4), all being the South Half of Section 31, Township 16 South, Range 31 East, Eddy County, New Mexico

Containing **302.07** acres, and this agreement shall include only the Yeso underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and

gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Longfellow Energy, LP, 8115 Preston Road, Suite 800, Dallas, Texas, 75225. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the lessees of record and operating rights owners in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of 1/8th or 12 ½ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining 7/8th should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June 1st, 2026, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Longfellow Energy, LP

Operator

5/6/26
Date

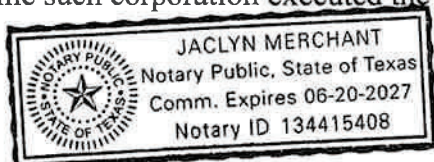
By: Rebecca L. English
Rebecca L. English
Vice President, Land

ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Dallas)

On this 6th day of May, 2026 before me, a Notary Public for the State of Texas, personally appeared Rebecca L. English, known to me to be the Vice President, Land of Longfellow Energy, LP, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)



6/20/2027
My Commission Expires

Jaclyn Merchant
Notary Public

LESSEES OF RECORD AND OPERATING RIGHTS OWNERS

I, the undersigned, hereby certify, on behalf of Longfellow Energy, LP, Operator of this Communitization Agreement, that all lessees of record and operating rights owners shown on Exhibit B attached to this Agreement are, to the best of my knowledge, the working interest owners of the leases subject to this Agreement, and that the written consents of all of the named owners have been obtained and will be made available to the BLM immediately upon request.

5/6/26
Date

By: Rebecca L English
Rebecca L. English
Vice President, Land

ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Dallas)

On this 6th day of May, 2026 before me, a Notary Public for the State of Texas, personally appeared Rebecca L. English, known to me to be the **Vice President, Land** of **Longfellow Energy, LP**, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

6/20/2027
My Commission Expires

Joseph Merchant
Notary Public

EXHIBIT "A"

Plat of communitized area covering **302.07** acres in Subdivisions NE/4 SE/4, SE/4 SE/4, W/2 SE/4, NE/4 SW/4, Lot 3 (a/d/a NW/4 SW/4), Lot 4 and SE/4 SW/4 (a/d/a S/2 SW/4), all being the South Half of Section 31, Township 16 South, Range 31 East, Eddy County, New Mexico

Well Name/No.

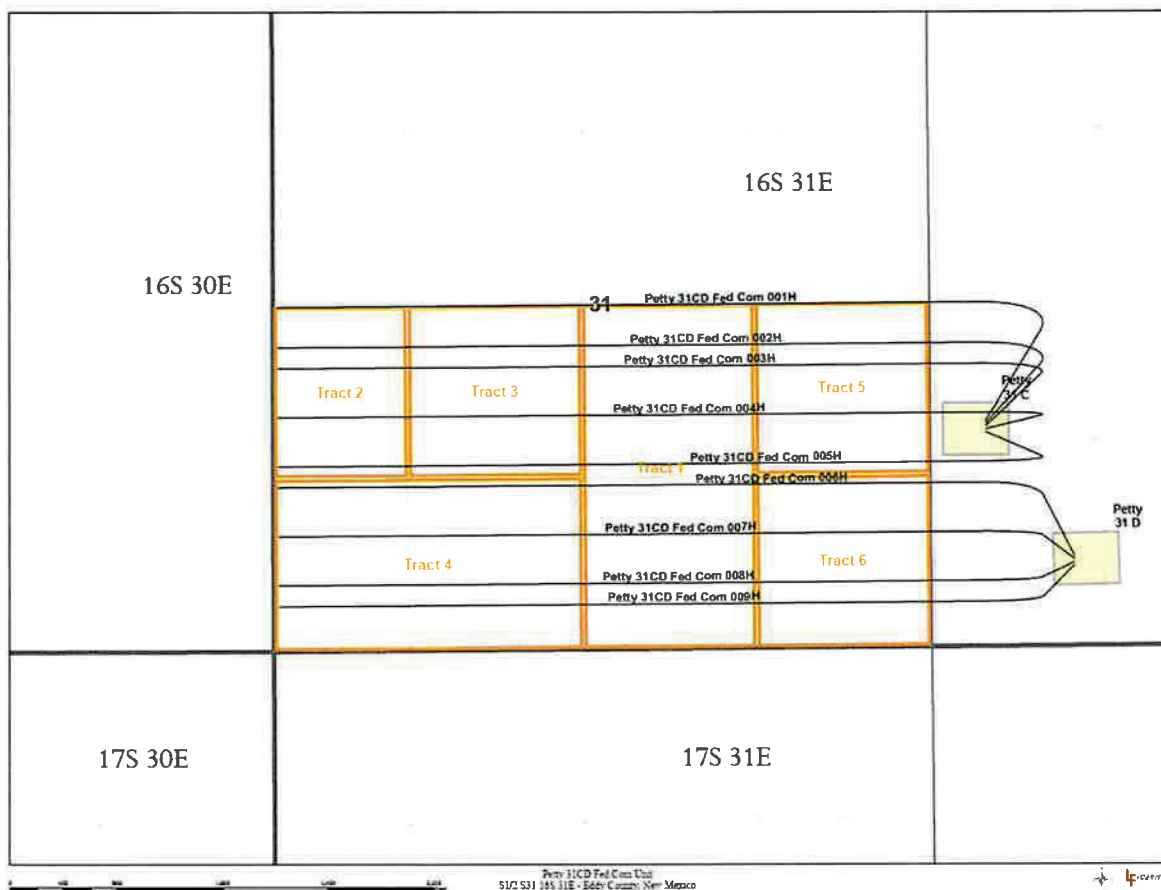


EXHIBIT "B"

To Communitization Agreement Dated June 1st, 2026 embracing the following described land in Subdivisions NE/4 SE/4, SE/4 SE/4, W/2 SE/4, NE/4 SW/4, Lot 3 (a/d/a NW/4 SW/4), Lot 4 and SE/4 SW/4 (a/d/a S/2 SW/4), all being the South Half of Section 31, Township 16 South, Range 31 East, Eddy County, New Mexico

Operator of Communitized Area: Longfellow Energy, LP

DESCRIPTION OF LEASES COMMITTED**Tract No. 1**

Lease Serial Number:	NMLC 0068064
Description of Land Committed:	Township 16 South, Range 16 East, N.M.P.M., Section 31: W/2 SE/4
Number of Acres:	80.00
Current Lessee(s) of Record:	Summit Overseas Exploration, Inc.
Name of Operating Rights Owners:	Longfellow LH, LLC

Tract No. 2

Lease Serial Number:	NMNM 0054428
Description of Land Committed:	Township 16 South, Range 16 East, N.M.P.M., Section 31: Lot 3 (a/d/a the NW/4 SW/4)
Number of Acres:	30.99
Current Lessee(s) of Record:	Ergodic Resources, LLC
Name of Operating Rights Owners:	• Longfellow LH, LLC - 90.00% • Thomas A. Crow, Trustee of the Mark E. Boling Revocable Trust - 10.00%

Tract No. 3

Lease Serial Number: NMLC 0065885

Description of Land Committed: Township 16 South, Range 16 East,
N.M.P.M., Section 31: NE/4 SW/4

Number of Acres: 40.00

Current Lessee(s) of Record: MRC DELAWARE RESOURCES LLC,
SACRAMENTO PARTNERS LP, ESTATE
OF MARTIN YATES, & M YATES HEIRS

Name of Operating Rights Owners:

- RS NON-OP FUND I, LP 75.00000%
- LIDA ROSE, LLC 2.777778%
- James Gary Welch 2.777778%
- Louis Michael Campanella 0.926111%
- The James B. and Dixi K. Campanella
Trust 0.925833%
- Wendell Campanella 0.925833%
- Robert Welch Gillespie 2.777778%
- Marjorie Welch Weisner 2.777778%
- Van P. Welch, Jr. 2.777778%
- Phoebe Jane Welch, IV 0.694444%
- Julia Terri Welch 2.430556%
- Michael Irwin Welch 2.430556%
- Bryan W. Welch 0.925926%
- Becky Welch Kitto 0.925926%
- Stacy Welch Green 0.925926%

Tract No. 4

Lease Serial Number: NMNM 0081277

Description of Land Committed: Township 16 South, Range 16 East,
N.M.P.M., Section 31: Lot 4, and the
SE/4 SW/4 (a/d/a S/2 SW/4)

Number of Acres: 71.08

Current Lessee(s) of Record: SAN PEDRO

Name of Operating Rights Owners:

- Square Lake Drilling, LLC 25.00000%
- SEP Permian Holding Corp. 75.00000%

Tract No. 5

Lease Serial Number:	NMNM 0102037
Description of Land Committed:	Township 16 South, Range 16 East, N.M.P.M., Section 31: NE/4 SE/4
Number of Acres:	40.00
Current Lessee(s) of Record:	OXY USA WTP Limited Partnership
Name of Operating Rights Owners:	• Chevron USA Inc.50.00000% • SEP Permian Holding Corp. 50.00000%

Tract No. 6

Lease Serial Number:	NMLC 0060543
Description of Land Committed:	Township 16 South, Range 16 East, N.M.P.M., Section 31: SE/4 SE/4
Number of Acres:	40.00
Current Lessee(s) of Record:	SEP Permian Holding Corp.
Name of Operating Rights Owners:	SEP Permian Holding Corp. 100.00000%

RECAPITULATION

Tract numbers	Number of Acres Committed	Percentage of Interest in Communitized Area
Tract No.1	80.0000	26.48393%
Tract No.2	30.9900	10.25921%
Tract No.3	40.0000	13.24196%
Tract No.4	71.0800	23.53097%
Tract No.5	40.0000	13.24196%
Tract No.6	40.0000	13.24196%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2026, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Subdivisions W/2 SW/4, E/2 SW/4, W/2 SE/4 & E/2 SE/4 being the South Half of Section 33, Township 16 South, Range 31 East, Eddy County, New Mexico.

Containing **320.00** acres, and this agreement shall include only the Yeso underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any,

for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Longfellow Energy, LP, 8115 Preston Road, Suite 800, Dallas, Texas, 75225. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the lessees of record and operating rights owners in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of 1/8th or 12 ½ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining 7/8th should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June 1st, 2026, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Longfellow Energy, LP

Operator

5/7/20
Date

By:

Rebecca L. English
Rebecca L. English
Vice President, Land

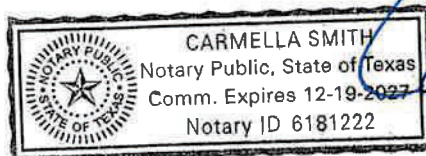
ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Dallas)

On this 7 day of May, 2026, before me, a Notary Public for the State of Texas, personally appeared Rebecca L. English, known to me to be the Vice President, Land of Longfellow Energy, LP, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

12/19/2027
My Commission Expires



Carmella Smith
Notary Public

LESSEES OF RECORD AND OPERATING RIGHTS OWNERS

I, the undersigned, hereby certify, on behalf of Longfellow Energy, LP, Operator of this Communitization Agreement, that all lessees of record and operating rights owners shown on Exhibit B attached to this Agreement are, to the best of my knowledge, the working interest owners of the leases subject to this Agreement, and that the written consents of all of the named owners have been obtained and will be made available to the BLM immediately upon request.

5/7/20
Date

By: Rebecca L English
Rebecca L. English
Vice President, Land

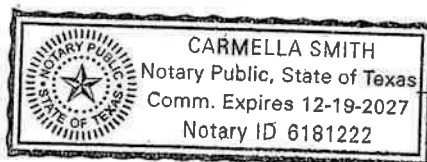
ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Dallas)

On this 7 day of May, 2020, before me, a Notary Public for the State of Texas, personally appeared **Rebecca L. English**, known to me to be the **Vice President, Land** of **Longfellow Energy, LP**, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

12/19/2027
My Commission Expires



Carmella Smith
Notary Public

EXHIBIT "A"

Plat of communitized area covering **320.00** acres in Subdivisions W/2 SW/4, E/2 SW/4, W/2 SE/4
& E/2 SE/4 being the South Half of Section 33, Township 16 South, Range 31 East, Eddy
County, New Mexico.

Well Name/No.

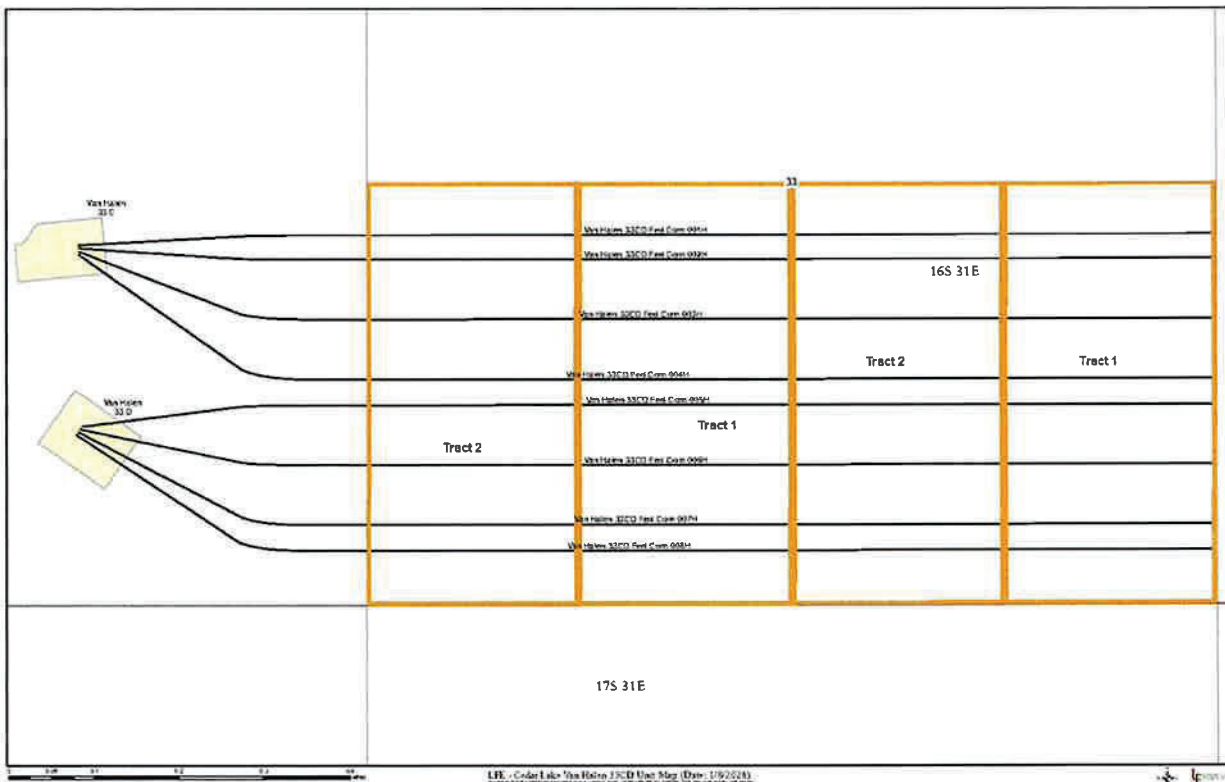


EXHIBIT "B"

To Communitization Agreement Dated June 1st, 2026, embracing the following described land in Subdivisions W/2 SW/4, E/2 SW/4, W/2 SE/4 & E/2 SE/4 being the South Half of Section 33, Township 16 South, Range 31 East, Eddy County, New Mexico.

Operator of Communitized Area: Longfellow Energy, LP

DESCRIPTION OF LEASES COMMITTEDTract No. 1

Lease Serial Number:	NMLC 0063368
Description of Land Committed:	E/2 SW/4 & E/2 SE/4
Number of Acres:	160.00
Current Lessee(s) of Record:	R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate & the John W.R. Boyle Trust, Bank of America, NA, Trustee
Name of Operating Rights Owners:	Longfellow LH, LLC – 100.00%

Tract No. 2

Lease Serial Number:	NMLC 0056302B
Description of Land Committed:	W/2 SW/4 & W/2 SE/4
Number of Acres:	160.00
Current Lessee(s) of Record:	XTO HOLDINGS LLC
Name of Operating Rights Owners:	Chase Oil Corporation - 50.00% Longfellow LH, LLC - 50.00%

RECAPITULATION

Tract numbers	Number of Acres Committed	Percentage of Interest in Communitized Area
Tract No.1	160.00	50.00%
Tract No.2	160.00	50.00%

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of June, 2026, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Subdivisions W/2 NW/4, E/2 NW/4, W/2 NE/4 & E/2 NE/4 being the North Half of Section 33, Township 16 South, Range 31 East, Eddy County, New Mexico.

Containing **320.00** acres, and this agreement shall include only the Yeso underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Longfellow Energy, LP, 8115 Preston Road, Suite 800, Dallas, Texas, 75225. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the lessees of record and operating rights owners in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

If the communitized area approved in this Agreement contains unleased Federal lands, the value of 1/8th or 12 ½ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitled to participation, shall be payable as compensatory royalties to the Federal government. The remaining 7/8th should be placed into an escrow account set up by the operator. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue

from the date the committed tracts in the communitized area that includes unleased Federal land receive a production allocation and shall be due and payable by the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized

area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June 1st, 2026, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Longfellow Energy, LP

Operator

5/16/26
Date

By:

Rebecca L. English

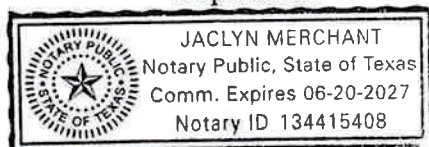
Rebecca L. English
Vice President, Land

ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Dallas)

On this 6th day of May, 2026 before me, a Notary Public for the State of _____, personally appeared **Rebecca L. English**, known to me to be the **Vice President, Land** of **Longfellow Energy, LP**, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)



6/20/2027
My Commission Expires

Jaclyn Merchant
Notary Public

LESSEES OF RECORD AND OPERATING RIGHTS OWNERS

I, the undersigned, hereby certify, on behalf of Longfellow Energy, LP, Operator of this Communitization Agreement, that all lessees of record and operating rights owners shown on Exhibit B attached to this Agreement are, to the best of my knowledge, the working interest owners of the leases subject to this Agreement, and that the written consents of all of the named owners have been obtained and will be made available to the BLM immediately upon request.

5/16/2026
Date

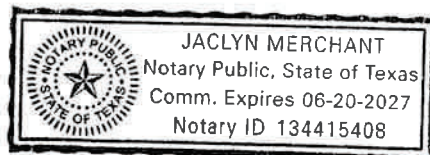
By: Rebecca L English
Rebecca L. English
Vice President, Land

ACKNOWLEDGEMENT

STATE OF Texas)
) ss.
COUNTY OF Dallas)

On this 6th day of May, 2026, before me, a Notary Public for the State of _____, personally appeared **Rebecca L. English**, known to me to be the **Vice President, Land** of **Longfellow Energy, LP**, the corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)



6/20/2027
My Commission Expires

Jaclyn Merchant
Notary Public

Plat of communitized area covering **320.00** acres in Subdivisions W/2 NW/4, E/2 NW/4, W/2 NE/4 & E/2 NE/4 being the North Half of Section 33, Township 16 South, Range 31 East, Eddy County, New Mexico.

EXHIBIT "B"

To Communitization Agreement Dated June 1st, 2026, embracing the following described land in Subdivisions W/2 NW/4, E/2 NW/4, W/2 NE/4 & E/2 NE/4 being the North Half of Section 33, Township 16 South, Range 31 East, Eddy County, New Mexico.

Operator of Communitized Area: Longfellow Energy, LP

DESCRIPTION OF LEASES COMMITTED**Tract No. 1**

Lease Serial Number:	NMLC 0063368
Description of Land Committed:	W/2 NW/4 & W2/ NE/4
Number of Acres:	160.00
Current Lessee(s) of Record:	R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate & the John W.R. Boyle Trust, Bank of America, NA, Trustee
Name of Operating Rights Owners:	Longfellow LH, LLC – 100.00%

Tract No. 2

Lease Serial Number:	NMLC 0060548
Description of Land Committed:	W/2 NW/4
Number of Acres:	80.00
Current Lessee(s) of Record:	CHASE OIL CORP
Name of Operating Rights Owners:	SEP Permian Holding Corp. – 100.00%

Tract No. 3

Lease Serial Number:	NMLC 0056302B
Description of Land Committed:	E/2 NE/4
Number of Acres:	80.00
Current Lessee(s) of Record:	XTO HOLDINGS LLC
Name of Operating Rights Owners:	Chase Oil Corporation - 50.00% Longfellow LH, LLC - 50.00%

RECAPITULATION

Tract numbers	Number of Acres Committed	Percentage of Interest in Communitized Area
Tract No.1	160.00	50.00%
Tract No.2	80.00	25.00%
Tract No.3	80.00	25.00%

EXHIBIT 5

Abuelo, LLC	21 Crook Dr.	Artesia	NM	88210
Alice Holeman Deveaux	P.O. Box 910	Arroyo Seco	NM	87514
B&H Properties	2410 Auburn Place	Midlan	TX	79705
Becky Welch Kitto	7011 E. Brooks Dr.	Tuscon	AZ	85730
Blue Star Oil and Gas, LLC	PO Box 100	Artesia	NM	88211
Bryan W. Welch	1764 S. Paige Creek Pl.	Tucson	AZ	85748
Bureau of Land Management	620 E Greene St.	Carlsbad	NM	88220
Bureau of Land Management	301 Dinosaur Trail	Santa Fe	NM	87508
Carl Brinninstool	201 Blackberry	Midland	TX	79705
CBS Partners, Ltd.	PO Box 2236	Midland	TX	79702
Cecilia Aymond	11094 County Road 2464	Terrell	TX	75160
Chase Oil Corporation	P.O. Box 1767	Artesia	NM	88211-1767
Chevron USA Inc.	1400 Smith St.	Houston	TX	77002
Chevron USA Inc.	Attn: Land Dept., 6301 Deauville Blvd.	Midland	TX	79706
Druella Wilbanks	PO Box 84,	Maljamar	NM	88264
EOG Resources, Inc.	Midland Division - 5509 Champions Dr.	Midland	TX	79706
Ergodic, LLC	PO Box 2021	Roswell	NM	88202
James Gary Welch	9307 Sam Rayburn Ct.	Cypress	TX	77433
John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees	P.O. Box 830308	Dallas	TX	75283-0308
Julia Terri Welch	11525 Lindsey Garden Dr.	Tyler	TX	75709
Karen Capps, d/b/a Dragon Royalties	5773 Woodway Dr., #106	Houston	TX	77057
LIDA ROSE, LLC	P.O. Box 160	Duncan	OK	73534-0160
Loco Hills Production Company, LLC	PO Box 779	Artesia	NM	88211
Longfellow LH, LLC	8115 Preston Road, Suite 80	Dallas	TX	75225
Longfellow LH, LLC	8115 Preston Road, Suite 800	Dallas	TX	75225
Louis Micahel Campanella	1809 South 26th Street	Artesia	NM	88210
Marjorie Welch Weisner	43 Camino Arroyo Pl.	Palm Desert	CA	92260
Mark L. Shidler, Inc.	1313 Campbell Rd., Bldg D	Houston	TX	77055
Michael Irwin Welch	3501 146th St.	Lubbock	TX	79423
Moser Revocable Trust, Charles E. Moser and Vicky J. Moser, and their successors, as Trustee, Under Trust Agreement dated December 21, 1989	17249 E. Fort Verde Rd.	Rio Verde	AZ	85263

New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe	NM	87501
New Mexico State Land Office	P.O. Box 1148	Santa Fe	NM	87504
Peggy Runyan	P. O. Box 895	Kingsland	TX	78639
Phoebe Jane Welch, IV	PO Box 1305	Misquite	NM	88048
Pogar Petroleum, Ltd	PO Box 10095	Midland	TX	79702
R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee	P.O. Box 830308	Dallas	TX	75283-0308
Randall Capps	1801 West Texas Avenue	Midland	TX	79701
Ray Westall	PO Box 4	Loco Hills	NM	88255
Robert Welch Gillespie	186 Sierra View	Pasadena	CA	91105
Rocky Mountain Resources	PO Box 7405	Midland	TX	79708
Roger and Kyla Thompson Trust, dated September 18, 2023, Kyla Taylor Thompson and Roget Wayne Thompson, Trustees	2120 Teodoro Rd. NW	Albuquerque	NM	87107
RS NON-OP FUND I, LP	PO Box 80459	Midland	TX	79708
Sacramento Partners Limited Partnership	105 S Fourth St.	Artesia	NM	88210
SEP Permian Holding Corp.	9655 Katy Freeway, Ste. 500	Houston	TX	77024
SEP Permian Holding Corp.	9655 Katy Freeway, Suite 500	Houston	TX	77024
Sharbro Oil LTD	PO Box 840	Artesia	NM	88211
Silverhair, LLC	1301 Lewis Rd.	Artesia	NM	88210
Square Lake Drilling, LLC	2704 Botticelli Dr.	Henderson	NV	89052
Stacy Welch Green	4260 E. Cooper St.	Tucson	AZ	85711
Summit Overseas Exploration, Inc.	PO Box 271127	Littleton	CO	80127
The James B. and Dixi K. Campanella Trust	P.O Box 870	Artesia	NM	88211-0870
Thomas A. Crow, Trustee of the Mark E. Boling Revocable Trust	8210 Louisiana Blvd., NE, Ste. B	Albuquerque	NM	87113
Van P. Welch, Jr.	22259-C Via Puerta	Laguna Woods	CA	92653
Vladin, LLC	PO Box 100	Artesia	NM	88211
Wendell Anthony Campanella	345 Alamo Canyon	Tinnie	NM	88351
William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992	PO Box 25151	Albuquerque	NM	87125
William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992	Frank M. Dougherty, attorney, PO Box 25151	Albuquerque	NM	87125
XTO Holdings, LLC	22777 Springwoods Village Pkwy, #115	Spring	TX	77389-1425
James R. Evarts - Deceased				

J.E. Evarts - Deceased				
Tresa T. Evarts - Deceased				
Anita Ann Burkeholder - Deceased				
Irene Evarts Hardie - Deceased				
Berda P. Evarts Montgomery - Deceased				
Beatrice E. Evarts Caywood - Deceased				
Gladys Evarts, Guardian of the Estate of Eunice Evarts, an Incompetent person				
Tresa T. Evarts, as Special Guardian of the Estate of Robert T. Evarts, a minor				



Paula M. Vance
Associate
Phone (505) 988-4421
Fax (505) 819-5579
pmvance@hollandhart.com

June 12, 2026

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Application of Longfellow Energy, LP for administrative approval to surface commingle (lease), as well as off-lease measurement and off-lease storage, gas production from spacing units comprised of Lots 1-4, E/2 W/2 and E/2 (All equivalent) of irregular Section 31 and All of Section 33, Township 16 South, Range 31 East, NMPM, Eddy County, New Mexico (the "Lands")

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application, which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from the date this application is received by the Division's Santa Fe office located at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

David Cain
Longfellow Energy, LP
(972) 590-9918
david.cain@longfellow.com

Sincerely,

A handwritten signature in blue ink, appearing to read "Paula M. Vance", written over a horizontal line.

Paula M. Vance
ATTORNEY FOR LONGFELLOW ENERGY, LP

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

Longfellow - Van Halen and Petty - Commingling
Postal Delivery Report

9402811898765520208492	Abuelo, LLC	21 Crook Dr	Artesia	NM	88210-9227	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:38 am. The item is currently in transit to the destination.
9402811898765520208447	Alice Holeman Deveaux	PO Box 910	Arroyo Seco	NM	87514-0910	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:38 am. The item is currently in transit to the destination.
9402811898765520208485	B&H Properties	2410 Auburn Pl	Midland	TX	79705-4906	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:38 am. The item is currently in transit to the destination.
9402811898765520208430	Becky Welch Kitto	7011 E Brooks Dr	Tucson	AZ	85730-1708	Your item was delivered to an individual at the address at 11:19 am on June 17, 2026 in TUCSON, AZ 85730.
9402811898765520208478	Blue Star Oil and Gas, LLC	PO Box 100	Artesia	NM	88211-0100	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:38 am. The item is currently in transit to the destination.
9402811898765520208515	Bryan W. Welch	1764 S Paige Creek Pl	Tucson	AZ	85748-7763	Your item was delivered to an individual at the address at 11:54 am on June 17, 2026 in TUCSON, AZ 85748.
9402811898765520208553	Bureau of Land Management	620 E Greene St	Carlsbad	NM	88220-6292	Your item arrived at our LUBBOCK TX DISTRIBUTION CENTER destination facility on June 18, 2026 at 9:58 am. The item is currently in transit to the destination.
9402811898765520208560	Bureau of Land Management	301 Dinosaur Trl	Santa Fe	NM	87508-1560	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:43 am. The item is currently in transit to the destination.
9402811898765520208508	Carl Brinninstool	201 Blackberry Cir	Midland	TX	79705-3039	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:43 am. The item is currently in transit to the destination.
9402811898765520208591	CBS Partners, Ltd.	PO Box 2236	Midland	TX	79702-2236	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:43 am. The item is currently in transit to the destination.
9402811898765520208546	Cecilia Aymond	11094 County Road 2464	Terrell	TX	75160-8637	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:43 am. The item is currently in transit to the destination.
9402811898765520208584	Chase Oil Corporation	PO Box 1767	Artesia	NM	88211-1767	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520208539	Chevron USA Inc.	1400 Smith St	Houston	TX	77002-7311	Your item arrived at our SOUTH HOUSTON PROCESSING CENTER destination facility on June 17, 2026 at 10:56 am. The item is currently in transit to the destination.
9402811898765520207211	Chevron USA Inc.	Attn Land Dept., 6301 Deauville Blvd.	Midland	TX	79706	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207259	Druella Wilbanks	PO Box 84	Maljamar	NM	88264-0084	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207266	EOG Resources, Inc.	5509 Champions Dr Midland Division	Midland	TX	79706-2843	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207297	Ergodic, LLC	PO Box 2021	Roswell	NM	88202-2021	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.

Longfellow - Van Halen and Petty - Commingling
Postal Delivery Report

9402811898765520207242	James Gary Welch	9307 Sam Rayburn Ct	Cypress	TX	77433-3649	Your item arrived at our SOUTH HOUSTON PROCESSING CENTER destination facility on June 17, 2026 at 10:56 am. The item is currently in transit to the destination.
9402811898765520207280	John W.R. Boyle Trust, John W.R. Boyle and Bank of America, NA, Co-Trustees	P.O. Box 830308	Dallas	TX	75283-0308	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207235	Julia Terri Welch	11525 Lindsey Garden Dr	Tyler	TX	75709-5164	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207273	Karen Capps, d/b/a Dragon Royalties	5773 Woodway Dr PMB 106	Houston	TX	77057-1501	Your item arrived at our SOUTH HOUSTON PROCESSING CENTER destination facility on June 17, 2026 at 10:56 am. The item is currently in transit to the destination.
9402811898765520207815	LIDA ROSE, LLC	PO Box 160	Duncan	OK	73534-0160	Your item arrived at our OKLAHOMA CITY OK DISTRIBUTION CENTER destination facility on June 17, 2026 at 12:18 pm. The item is currently in transit to the destination.
9402811898765520207853	Loco Hills Production Company, LLC	PO Box 779	Artesia	NM	88211-0779	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207860	Longfellow LH, LLC	8115 Preston Rd Ste 80	Dallas	TX	75225-6330	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207808	Longfellow LH, LLC	8115 Preston Rd Ste 800	Dallas	TX	75225-6335	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207884	Louis Micahel Campanella	1809 S 26th St	Artesia	NM	88210-9386	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:42 am. The item is currently in transit to the destination.
9402811898765520207839	Marjorie Welch Weisner	43 Camino Arroyo Pl	Palm Desert	CA	92260-0326	Your item arrived at our MORENO VALLEY CA DISTRIBUTION CENTER destination facility on June 17, 2026 at 3:14 pm. The item is currently in transit to the destination.
9402811898765520207716	Mark L. Shidler, Inc.	1313 Campbell Rd Ste D	Houston	TX	77055-6429	Your item arrived at our SOUTH HOUSTON PROCESSING CENTER destination facility on June 17, 2026 at 10:56 am. The item is currently in transit to the destination.
9402811898765520207754	Michael Irwin Welch	3501 146th St	Lubbock	TX	79423-5500	Your shipment was received at 1:19 pm on June 12, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9402811898765520207761	Moser Revocable Trust, Charles E. Moser and Vicky J. Moser, and their successors, as Trustee, Under Trust Agreement dated December	17249 E Fort Verde Rd	Rio Verde	AZ	85263-5359	Your item was forwarded to a different address at 8:29 am on June 17, 2026 in RIO VERDE, AZ. This was because of forwarding instructions or because the address or ZIP Code
9402811898765520207723	New Mexico State Land Office	310 Old Santa Fe Trl	Santa Fe	NM	87501-2708	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:28 am. The item is currently in transit to the destination.
9402811898765520207709	New Mexico State Land Office	PO Box 1148	Santa Fe	NM	87504-1148	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:28 am. The item is currently in transit to the destination.
9402811898765520207792	Peggy Runyan	PO Box 895	Kingsland	TX	78639-0895	Your item arrived at our AUSTIN TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 12:56 pm. The item is currently in transit to the destination.

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9402811898765520207785	Phoebe Jane Welch, IV	PO Box 1305	Mesquite	NM	88048-1305	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 17, 2026 at 7:39 pm. The item is currently in transit to the destination.
9402811898765520207730	Pogar Petroleum, Ltd	PO Box 10095	Midland	TX	79702-7095	Your item arrived at our MIDLAND TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 1:38 pm. The item is currently in transit to the destination.
9402811898765520207778	R.L. Tayloe-Richard Lee Tayloe, Jr. Trust Estate, Bank of America, NA, Trustee	P.O. Box 830308	Dallas	TX	75283-0308	Your item arrived at our DENVER CO DISTRIBUTION CENTER origin facility on June 14, 2026 at 1:28 am. The item is currently in transit to the destination.
9402811898765520207914	Randall Capps	1801 W Texas Ave	Midland	TX	79701-6561	Your item arrived at our MIDLAND TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 1:38 pm. The item is currently in transit to the destination.
9402811898765520207952	Ray Westall	PO Box 4	Loco Hills	NM	88255-0004	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:28 am. The item is currently in transit to the destination.
9402811898765520207969	Robert Welch Gillespie	186 Sierra View Rd	Pasadena	CA	91105-1448	Your item was delivered to an individual at the address at 3:06 pm on June 17, 2026 in PASADENA, CA 91105.
9402811898765520207907	Rocky Mountain Resources	PO Box 7405	Midland	TX	79708-7405	Your item arrived at our MIDLAND TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 1:38 pm. The item is currently in transit to the destination.
9402811898765520207945	Roger and Kyla Thompson Trust, dated September 18, 2023, Kyla Taylor Thompson and Roget Wayne Thompson, Trustees	2120 Teodoro Rd NW	Albuquerque	NM	87107-3049	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:28 am. The item is currently in transit to the destination.
9402811898765520207938	RS NON-OP FUND I, LP	PO Box 80459	Midland	TX	79708-0459	Your item arrived at our MIDLAND TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 1:38 pm. The item is currently in transit to the destination.
9402811898765520207976	Sacramento Partners Limited Partnership	105 S 4th St	Artesia	NM	88210-2177	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:28 am. The item is currently in transit to the destination.
9402811898765520207655	SEP Permian Holding Corp.	9655 Katy Fwy Ste 500	Houston	TX	77024-1385	Your item arrived at our SOUTH HOUSTON PROCESSING CENTER destination facility on June 17, 2026 at 11:18 am. The item is currently in transit to the destination.
9402811898765520207662	SEP Permian Holding Corp.	9655 Katy Fwy Ste 500	Houston	TX	77024-1385	Your item arrived at our SOUTH HOUSTON PROCESSING CENTER destination facility on June 17, 2026 at 11:18 am. The item is currently in transit to the destination.
9402811898765520207624	Sharbro Oil LTD	PO Box 840	Artesia	NM	88211-0840	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:34 am. The item is currently in transit to the destination.
9402811898765520207600	Silverhair, LLC	1301 Lewis Rd	Artesia	NM	88210-9686	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:33 am. The item is currently in transit to the destination.
9402811898765520207693	Square Lake Drilling, LLC	2704 Botticelli Dr	Henderson	NV	89052-3120	Your item arrived at our LAS VEGAS NV DISTRIBUTION CENTER destination facility on June 17, 2026 at 11:50 am. The item is currently in transit to the destination.
9402811898765520207648	Stacy Welch Green	4260 E Cooper St	Tucson	AZ	85711-3465	Your item was returned to the sender on June 17, 2026 at 12:30 pm in TUCSON, AZ 85711 because the addressee was not known at the delivery address noted on the package.

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9402811898765520207686	Summit Overseas Exploration, Inc.	PO Box 271127	Littleton	CO	80127-0020	Your item was picked up at the post office at 10:35 am on June 17, 2026 in LITTLETON, CO 80127.
9402811898765520207631	The James B. and Dixi K. Campanella Trust	PO Box 870	Artesia	NM	88211-0870	Your item arrived at our LUBBOCK TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 10:18 am. The item is currently in transit to the destination.
9402811898765520207679	Thomas A. Crow, Trustee of the Mark E. Boling Revocable Trust	8210 Louisiana Blvd NE Ste B	Albuquerque	NM	87113-1761	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:33 am. The item is currently in transit to the destination.
9402811898765520207167	Van P. Welch, Jr.	22259-C Via Puerta	Laguna Woods	CA	92653	Your item arrived at our SANTA ANA CA DISTRIBUTION CENTER destination facility on June 18, 2026 at 1:20 am. The item is currently in transit to the destination.
9402811898765520207129	Vladin, LLC	PO Box 100	Artesia	NM	88211-0100	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:34 am. The item is currently in transit to the destination.
9402811898765520207105	Wendell Anthony Campanella	345 Alamo Canyon Rd	Tinnie	NM	88351	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 17, 2026 at 2:09 am. The item is currently in transit to the destination.
9402811898765520207181	William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, 1992	PO Box 25151	Albuquerque	NM	87125-0151	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:33 am. The item is currently in transit to the destination.
9402811898765520207136	William J. Colby, Trustee of the Colby Revocable Living Trust U/A dated January 14, Frank M. Dougherty Attorney	PO Box 25151	Albuquerque	NM	87125-0151	Your item arrived at our USPS facility in DENVER CO DISTRIBUTION CENTER on June 14, 2026 at 1:33 am. The item is currently in transit to the destination.
9402811898765520207174	XTO Holdings, LLC	22777 Springwoods Village Pkwy unit 115	Spring	TX	77389-1425	Your item arrived at our NORTH HOUSTON TX DISTRIBUTION CENTER destination facility on June 17, 2026 at 1:01 pm. The item is currently in transit to the destination.

EXHIBIT B

From: [Dana S. Hardy](#)
To: [Engineer, OCD, EMNRD](#)
Cc: [Dana S. Hardy](#); [Jaclyn M. McLean](#)
Subject: [EXTERNAL] Spur Energy Partners - Objection to Longfellow Surface Commingling Application
Date: Tuesday, June 30, 2026 4:34:10 PM
Attachments: [image001.png](#)
[image002.png](#)
[Longfellow Van Halen and Petty Surface Commingling App.pdf](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

I'm writing on behalf of Spur Energy Partners ("Spur") to object to the attached surface commingling application submitted by Longfellow Energy LP for the Van Halen and Petty Wells. Spur is an affected party and objects to the commingling request.

Please let me know if you require any additional information.

Best regards,

Dana



Dana S. Hardy
Senior Managing Partner

Phone: 505-230-4426

Email: dhardy@hardymclean.com

Web www.hardymclean.com

125 Lincoln Avenue, Suite 223, Santa Fe, NM 87501



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