

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Melanie A. Kenderdine
Cabinet Secretary

Ben Shelton
Deputy Secretary

Erin Taylor
Deputy Secretary

Albert C.S. Chang
Division Director
Oil Conservation Division



Jack Mercer
jack.mercer@longfellowenergy.com

ADMINISTRATIVE NON-STANDARD LOCATION

Administrative Order NSL - 9097

Longfellow Energy, L.P. [OGRID 372210]
Petty 31CD Federal Com Well No. 001H
API No. 30-015-PENDING

Reference is made to your application received on August 21st, 2025.

Proposed Location

	Footages	Unit/Lot	Sec.	Twsp	Range	County
Surface	1717 FSL & 441 FWL	L	32	16S	31E	Eddy
First Take Point	2628 FSL & 100 FEL	I	32	16S	31E	Eddy
Last Take Point	2628 FSL & 100 FWL	L/3	31	16S	31E	Eddy
Terminus	2628 FSL & 20 FWL	L/3	31	16S	31E	Eddy

Proposed Horizontal Units

Description	Acres	Pool	Pool Code
S/2 Section 31	302.07	Cedar Lake; Glorieta-Yeso	96831

You have requested to drill this horizontal well at an unorthodox well location described above in the referenced pool or formation. 19.15.16.15(B)(1)(a) NMAC governs this proposed well and provides that the operator dedicate a horizontal well at a standard horizontal spacing unit that comprises of one or more contiguous tracts that the horizontal well's completed interval penetrates, each of which consists of a governmental quarter - quarter section or equivalent. 19.15.16.15(C)(1)(a) NMAC governs the distance in the horizontal plane from any point in the completed interval to any outer boundary of the horizontal spacing unit, measured along a line perpendicular to the completed interval or to the tangent thereof, shall be a minimum of 330 feet

Administrative Order NSL - 9097
Longfellow Energy, L.P.
Page 2 of 2

for an **oil** well. 19.15.16.15(C)(1)(b) NMAC governs the first and last take point of a horizontal well shall be no closer than 100 feet for a well within the horizontal plane, to any outer boundary of the horizontal spacing unit.

The request to deviate from an orthodox location has met all requirements of 19.15.16.15 (C)(5)(a) NMAC. It is understood that you are seeking this exception in order to create a non-standard location, comprised of First and Last Take Points referenced above within the described Horizontal Spacing Unit.

This well's completed interval is as close as 12 feet to the northern edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 31, encroachment to the N/2

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in 19.15.2.7(A)(8) NMAC, in all adjoining units towards which the proposed location encroaches.

Division understands you are seeking this unorthodox location to maximize the recovery of reserves and is your preferred well spacing plan for horizontal wells within the Glorieta Yeso formation underlying the S/2 Section 31. All while preventing waste and protecting the correlative rights of all parties within this formation.

Your application has been filed under 19.15.16.15(C)(6) NMAC, 19.15.15.13 NMAC and 19.15.4.12 (A)(2) NMAC.

Per 19.15.15.13 (B) NMAC, **Division approves this unorthodox location.**

Reference this NSL order number on the As Drilled C-102 submitted with the Authorization to Transport, to place this well into production.

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of further orders as Division deems necessary.



Albert C.S. Chang
Division Director
AC/lrl

Date: 11/26/2025

Revised March 23, 2017

ID NO. 498168

NSP - 9097

RECEIVED: 08/21/25	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: Petty 31CD Federal Com 001H	API: 30-015-PENDING
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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ 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.

Jack Mercer

Print or Type Name

Signature

 8/25/25
 Date

214-364-3043

Phone Number

jack.mercer@longfellowenergy.com

e-mail Address



August 21, 2025

Submitted via OCD's electronic filing system

Leonard Lowe
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

**RE: Longfellow Energy, L.P. - OGRID No. 372210
Request for Administrative Approval of Non-Standard Location**

Petty 31CD Federal Com 001H
S/2 Section 31, Township 16 South, Range 31 East
Eddy County, New Mexico
Cedar Lake; Glorieta-Yeso [96831]
API# 30-015-PENDING

Dear Mr. Lowe,

Pursuant to Division Rules 19.15.16.15(C)(6) and 19.15.15.13(C)-(D) NMAC, Longfellow Energy, L.P. ("Longfellow") requests administrative approval of a non-standard location for the above-referenced oil well in a ~320-acre spacing unit, as described more fully below.

The standard setback in the horizontal plane from any point in the completed interval to any outer boundary of the horizontal spacing unit is 330 feet for an oil well. 19.15.16.15(C)(1)(a) NMAC. The completed interval of the above-referenced well, however, will be less than 330 feet at its closest point from the northern boundary of the spacing unit. Longfellow is requesting approval to decrease the setback for the completed interval of the above-referenced well.

The drilled surface and bottom hole locations and first and last take points, with coordinates from the South Line of the Horizontal Spacing Unit are as follows:

1. SHL: 441' FWL and 1,717' FSL of Section 32-16S-31E
2. FTP: 2628' FSL and 100' FEL of Section 31-T16S-R31E
3. LTP: 2628' FSL and 100' FWL of Section 31-T16S-R31E
4. BHL: 20' FWL & 2,628' FSL of Section 31-16S-31E

It is Longfellow's responsibility as a prudent operator to maximize the recovery of oil and gas reserves left in the ground. Approval of the unorthodox completed interval will

allow Longfellow to use its preferred well spacing plan for horizontal wells in this area and thereby maximize recovery and prevent waste.

Attached is the C-102 form and a plat map indicating the offset tracts to assist the Division in its review of Longfellow's requests. Longfellow has, concurrently to filing, sent notice to the BLM as the only affected person pursuant to Division Rules 19.15.2.7(A)(8) NMAC, reflected in the enclosed spreadsheet by certified mail, return receipt requested, with a copy of this request, the plat, and the C-102. The notice also informs the affected person that, if they object to the aforementioned requests, they must file the objection in writing with the Division within 20 days from the date the Division receives this administrative approval request. Longfellow owns 100% of the offset lease. I have attached a sample of the notice letter and a spreadsheet with the types of interest and name of the only affected party, the location of the affected parties' interest, the date the letter was sent, and the mail tracking number for the mailing that went out today.

Please let me know if you have any questions or concerns. Thank you for your assistance in this matter.

Best Regards,

Longfellow Energy, LP

A handwritten signature in blue ink, appearing to read "J. Mercer", is positioned above the printed name.

Jack Mercer
Landman

Jack.mercer@longfellowenergy.com
214-364-3043

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number PENDING	Pool Code 96831	Pool Name CEDAR LAKE; GLORIETA-YESO
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: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> 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 302.07	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL 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 <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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

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

 8/25/25
Signature Date

JACK MERCER
Printed Name

JACK.MERCER@LONGFELLOWENERGY.COM
Email Address

SURVEYOR CERTIFICATIONS

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



Signature and Seal of Professional Surveyor
FILIMON F. JARAMILLO

Certificate Number

PLS 12797

Date of Survey

APRIL 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

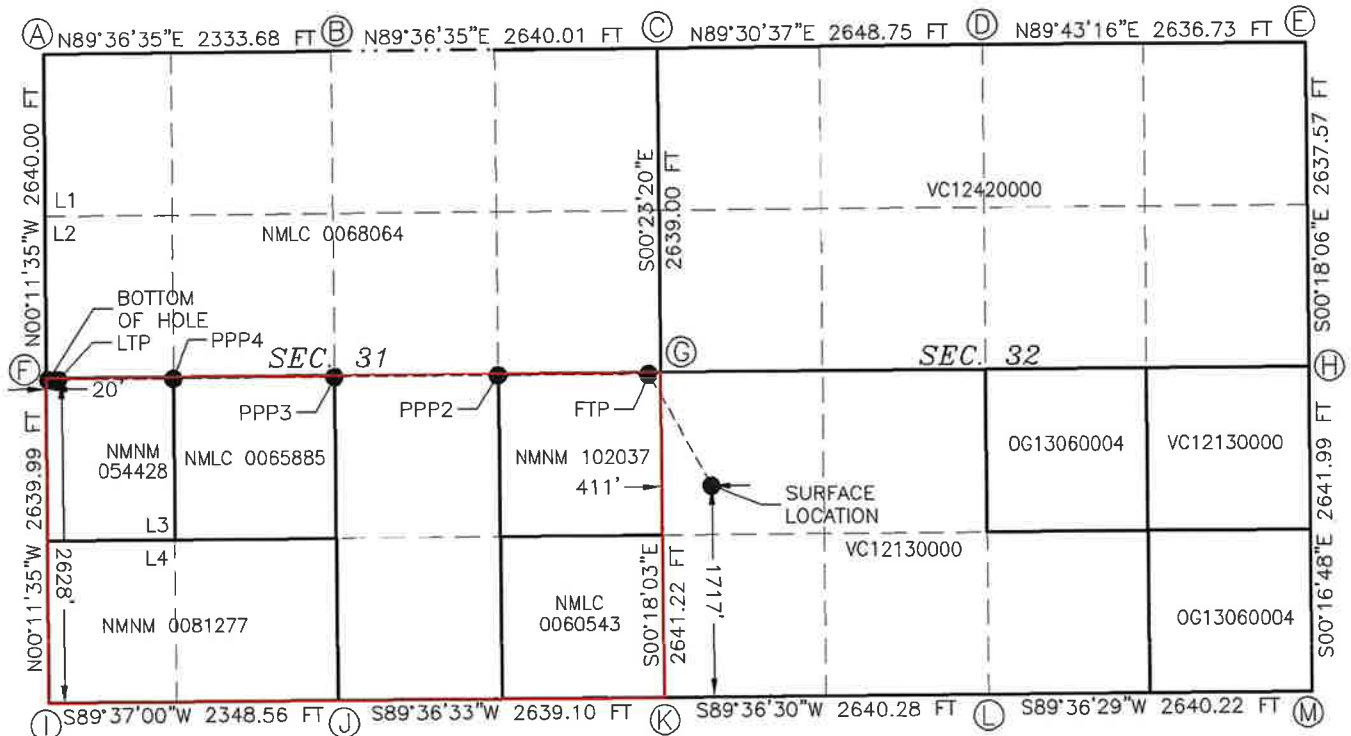
K - N.=680798.07 E.=674219.68

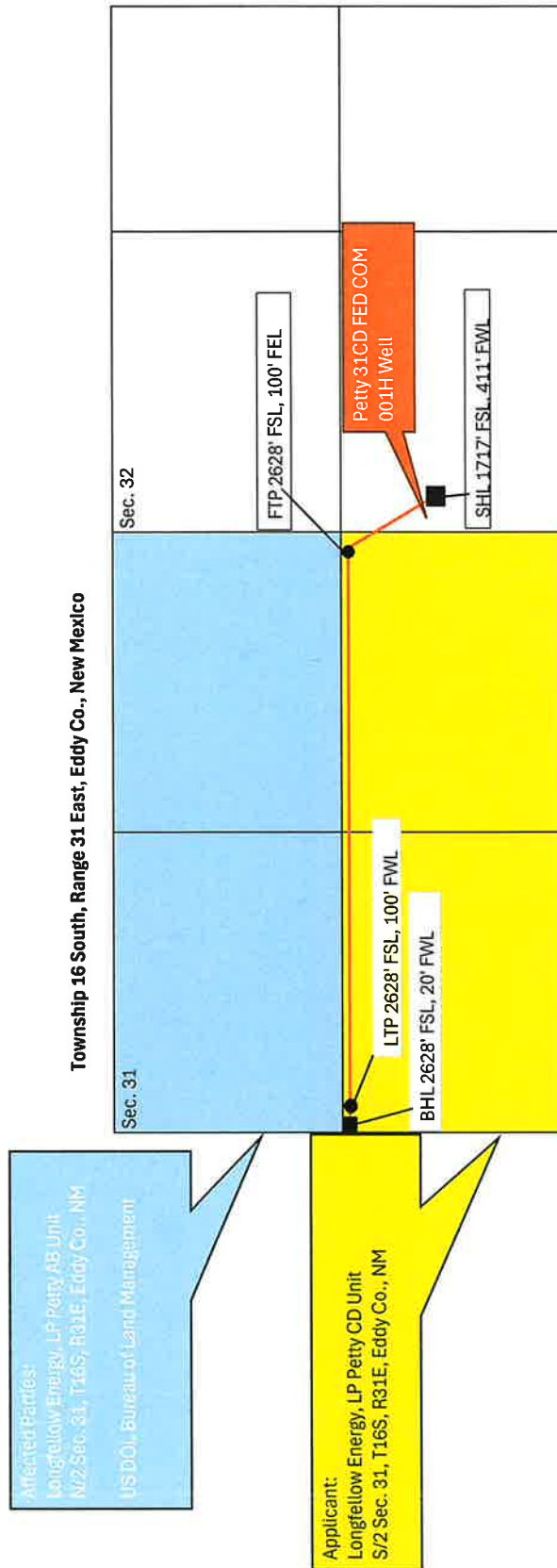
L - N.=680816.12 E.=676859.22

M - N.=680834.18 E.=679498.71

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - WELL PATH
- HORIZONTAL
- SPACING UNIT





AFFECTED PARTIES ENTITLED TO NOTICE
PETTY 31CD FEDERAL COM 001H WELL

Type	Affected Party	Address	City, State Zip	Location	Date Letter Sent	Mail Tracking Number
Working Interest Owner	Longfellow LH LLC	8115 Preston Road, Suite 800	Dallas, TX 75225	N/2, Sec. 31, T16S, R31E	8/21/2025	
Lessor	United States Department of the Interior, Bureau of Land Management	301 Dinosaur Trail	Santa Fe, NM 87508	N/2, Sec. 31, T16S, R31E	8/21/2025	9589 0710 5270 0493 6802 29



August 21, 2025

VIA CERTIFIED MAIL, RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Administrative Application for Non-Standard Location

Longfellow Energy, L.P.

OGRID Number: 372210

Pool: Red Lake; Glorieta-Yeso

Pool Code: 96831

Petty 31CD Federal Com 001H

S/2 Sec. 31, Township 16 South, Range 31 East

Eddy County, New Mexico

To Whom it may Concern:

Pursuant to Division Rules 19.15.16.15(C)(6) and 19.15.15.13(C)-(D) NMAC, Longfellow Energy, L.P. has on this date made application to the New Mexico Oil Conservation Division ("NMOCD") for administrative approval of a non-standard location regarding the above-referenced well. A copy of the application is enclosed.

As the owner of an interest that may be affected, you have the right to object to the application. To do so, you must file a written protest with the NMOCD within twenty (20) days. Failure to do so will prevent you from challenging the matter at a later time. A letter of protest may be sent to the NMOCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, directed to the attention of Leonard Lowe.

Should you consent to the application and the proposed well location, you are requested to indicate your waiver of objection by signing where indicated below and then returning a copy of this letter with the executed signature page to me at your earliest convenience.

If you have any questions concerning this application, please contact Jack Mercer, 214-364-3043 or Jack.mercer@longfellowenergy.com.

Best Regards,

A handwritten signature in blue ink, appearing to read 'J. Mercer', is written over a horizontal line.

Jack Mercer

Longfellow Energy, LP

Landman

214-364-3043

Jack.mercer@longfellowenergy.com

Enclosure for Petty 31CD Federal Com 001H

CONSENT:

By: _____ for _____
Signature Name of Interested Party

Printed Name, Authorized Representative

Affected Interest Owners

Working Interest Parties:

Longfellow Energy, LP
8115 Preston Road, Suite 800
Dallas, TX 75225

Additional Interest Parties:

United States Department of the Interior, Bureau of Land Management
301 Dinosaur Trail
Santa Fe, NM 87508

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 498168

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 498168
	Action Type: [UF-NSL] Non-Standard Location (NSL)

CONDITIONS

Created By	Condition	Condition Date
llowe	This NSL order was approved with a pending API number. The owner of the NSL shall update the OCD when an API number is assigned to the pending APD by sending an e-mail to ocd.engineer@emnrd.nm.gov . TITLED: (Updating NSL-XXX with API number of the Well Name). The text of the email shall contain: NSL order number, API number and Well Name. If the Well name does not match the name on the NSL order. The order will be annulled.	12/1/2025