

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



Jaclyn M. McLean
jmclean@hardymclean.com

ADMINISTRATIVE NON-STANDARD LOCATION

Administrative Order NSL – 9133

**Permian Resources Operating, LLC [OGRID 372165]
Los Vaqueros Federal Well No. 121H
API No. 30-025-54482**

Reference is made to your application received on September 26th, 2025.

Proposed Location

	Footages	Unit/Lot	Sec.	Twsp	Range	County
Surface	212 FSL & 1722 FWL	C	30	26S	35E	Eddy
First Take Point	100 FSL & 1622 FWL	C	30	26S	35E	Eddy
Last Take Point/ Terminus	0 FSL & 1652 FWL	F	31	26S	35E	Eddy

Proposed NSL Horizontal Unit

Description	Acres	Pool	Pool Code
E/2 W/2 Section 30	234.28	Wildcat; Bone Spring	96672
E/2 W/2 Section 31			

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

Administrative Order NSL – 9133
Permian Resources Operating, LLC
Page 2 of 2

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 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 Take Points referenced above, within the described Horizontal Spacing Unit.

This well's completed interval is as close as 271 - 318 feet to the western edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 30, encroachment to the W/2 W/2
Section 31, encroachment to the W/2 W/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.

The Division understands you are seeking this unorthodox location due difficulties during the drilling process of this well creating an unorthodox location within the Bone Spring formation underlying the E/2 W/2 section 30 and the E/2 W/2 Section 31 and thereby increasing recovery of resources and preventing waste.

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 the Division deems necessary.



Albert C.S. Chang
Division Director
AC/lrl

Date: 12/20/2025

ID NO. 509724

NSL - 9133

Revised March 23, 2017

RECEIVED: 09/26/25	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: Permian Resources Operating, LLC **OGRID Number:** 372165
Well Name: Los Vaqueros Federal 121H **API:** 30-025-54482
Pool: WC-025 G-08 S263412K, Bone Spring Pool **Pool Code:** 96672

**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.

Jaclyn M. McLean

Print or Type Name

9/26/2025

Date

505-372-6375

Phone Number

Jaclyn M. McLean

Signature

Digitally signed by Jaclyn M. McLean
 Date: 2025.09.26 13:20:35 -06'00'

jmclean@hardymclean.com

e-mail Address



September 26, 2025

VIA ONLINE FILING

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

**Re: Permian Resources Operating, LLC
Request for Administrative Approval of Unorthodox Well Location**

Los Vaqueros Federal 121H (API No. 30-025-54482)
E/2 W/2 of Section 30 and Lot 3, NE/4 NW/4 of Section 31, Township 26 South, Range
35 East, Eddy County, New Mexico.
WC-025 G-08 S263412K, Bone Spring Pool (96672)

Dear Mr. Chang,

In accordance with Division Rules 19.15.16.15(C)(6) and 19.15.15.13 NMAC, Permian Resources Operating, LLC (OGRID No. 372165) seeks administrative approval of an unorthodox well location for the Los Vaqueros Federal 121H well, in a 234.28-acre, more or less, standard horizontal spacing unit, comprised of the E/2 W/2 of Section 30 and Lot 3, NE/4 NW/4 of Section 31, Township 26 South, Range 35 East, Eddy County, New Mexico.

The location for the **Los Vaqueros Federal 121H** well is as follows:

- Surface Hole Location: 212' FNL and 1,722' FWL of Section 30
- First Take Point: 100' FNL and 1,622' FWL of Section 30
- State Line Crossing: 0' FSL and 1,652' FWL of Section 31
- Last Take Point: 1,480' FSL and 101' FWL of Section 25 (Texas)
- Bottom Hole Location: 1,480' FSL and 101' FWL of Section 25 (Texas)

The completed intervals of the well will be unorthodox because they are located less than 330' from the western boundary of the offsetting spacing unit. As explained in the engineering

125 Lincoln Avenue, Suite 223
Santa Fe, NM 87501
505-230-4410

HardyMcClean.com

Writer:
Jaclyn M. McLean
Managing Partner
jmclean@hardymcClean.com

Hardy McLean LLC
September 26, 2025

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statement, included as **Exhibit A**, approval of the unorthodox, completed interval is necessary due to difficulties during drilling operations. Permian Resources requests approval of the non-standard location to avoid wasted resources and reduced production for the Los Vaqueros Federal 121H.

Exhibit B is a Form C-102 showing the location of the Los Vaqueros Federal 121H well in relation to the offset tracts.

Exhibit C is a plat that shows the Los Vaqueros Federal 121H well in relation to the adjoining tracts. Permian via Earthstone Operating, LLC is the operator of the adjoining spacing unit to the west. For this reason, Permian has provided notice to Bureau of Land Management and the interest owners in the spacing unit to the west of the unorthodox well location.

Exhibit D is a list that identifies all affected persons who were sent a copy of this application and attachments by certified mail advising that any objections must be filed in writing with the Division within 20 days from the date the Division receives the application, along with the date notice was sent, and a copy of the notice letter to affected persons.

Thank you for your attention to this matter. Please let me know if you require additional information.

Very truly yours,

HARDY MCLEAN LLC

/s/ Jaclyn M. McLean
Jaclyn M. McLean

ATTORNEYS FOR PERMIAN RESOURCES
OPERATING, LLC



300 N. MARIENFELD STREET, SUITE 1000
MIDLAND, TX 79701

OFFICE 432.695.4222
FAX 432.695.4063

August 27th, 2025

Re: Los Vaqueros Fed 121H

FTP: 100' FNL, 1662' FWL of Section 30, T26S-R35E

LTP: 1,480' FSL, 101' FWL of Section 25, BLK C24, PSL Survey, A701

Lea County, New Mexico and Loving County, Texas

To Whom it May Concern,

Permian Resources Operating, LLC ("Permian") respectfully requests administrative approval on a non-standard location for the Los Vaqueros Fed 121H (API: 30-025-54482) to allow the completed interval to be less than 330 feet from the western boundary of the existing 234.28-acre horizontal spacing unit. This well is located in the WC-025 G-08 S263412K, Bone Spring Pool Code (96672). Due to difficulties during the drilling operations the well was drilled as a nonstandard well. Permian is the offset operator (via Earthstone Operating, LLC) of the nonstandard Los Vaqueros Fed 121H. Permian requests approval of this non-standard location to avoid causing wasted resources and reducing the production of the Los Vaqueros Fed 121H.

Sincerely,

A handwritten signature in black ink, appearing to read "David Carlos Sonka".

David Carlos Sonka

NM Reservoir Engineering Manager

Permian Resources Operating, LLC

EXHIBIT A

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 checked="" type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number 30-025-54482	Pool Code 96672	Pool Name WC-025 G-08 S263412K; BONE SPRING
Property Code 337081	Property Name LOS VAQUEROS FEDERAL	Well Number 121H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,184'
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 C	Section 30	Township 26S	Range 35E	Lot	Ft. from N/S 212' FNL	Ft. from E/W 1,722' FWL	Latitude 32.020979°	Longitude -103.409563°	County LEA
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State Line Crossing

UL	Section 31	Township 26S	Range 35E	Lot LOT 3	Ft. from N/S 0' FSL	Ft. from E/W 1,652' FWL	Latitude 32.000285°	Longitude -103.409789°	County LEA
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Dedicated Acres 234.28	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 C	Section 30	Township 26S	Range 35E	Lot	Ft. from N/S 74' FNL	Ft. from E/W 1,655' FWL	Latitude 32.021360°	Longitude -103.409780°	County LEA
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First Take Point (FTP)

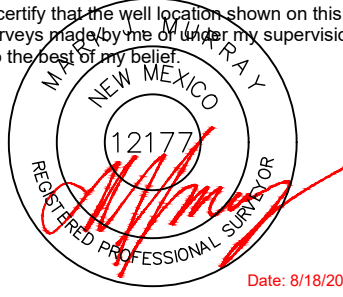
UL C	Section 30	Township 26S	Range 35E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 1,662' FWL	Latitude 32.021288°	Longitude -103.409757°	County LEA
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Last Take Point (LTP), Bottom Hole Location (BHL)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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***LTP & BHL WILL BE IN TEXAS**

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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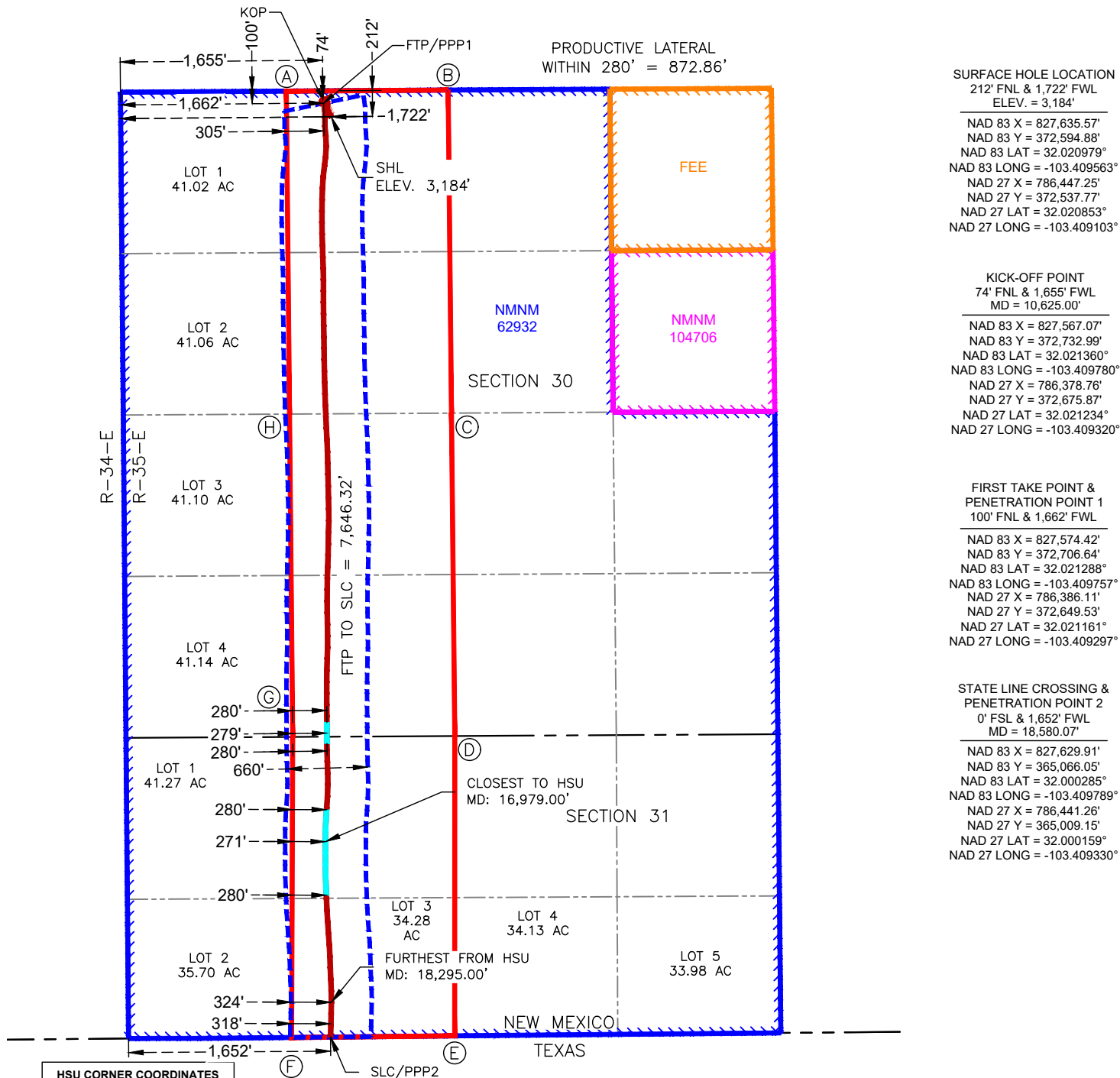
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the 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 or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore 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.		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.  Date: 8/18/2025	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____	
Printed Name _____		Certificate Number 12177	Date of Survey 8/18/2025
Email Address _____		Revision Number 1	

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.

ACREAGE DEDICATION PLATS

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.



Los Vaqueros Fed 121H NSL Map

E/2 W/2 Sec. 30 and Lot 3, NE/4 NW/4 Sec. 31, Township 26 South, Range 35 East, Lea County, New Mexico

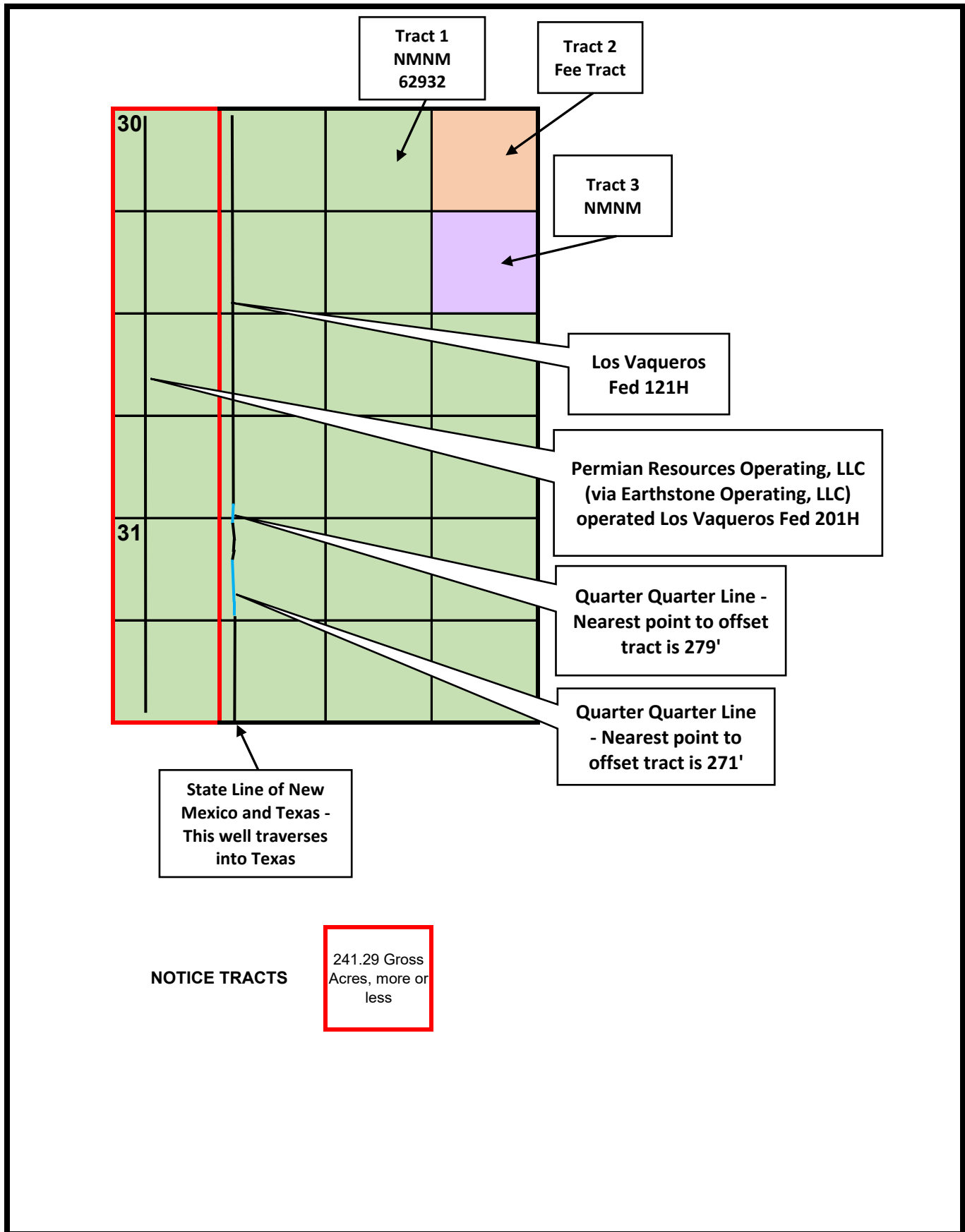


EXHIBIT C

NOTICE LIST							
Offset Party	Address	CITY	STATE	ZIP	Interest	Tracking Number	Date Sent
OWL EXPLORATION LLC	PO BOX 1610	MIDLAND	TX	79702	WI	9414836208551288462303	9/26/2025
HAMBLIN MINORS TRUST FOR MADELEINE ANN	PO BOX 4602	MIDLAND	TX	79704	WI	9414836208551288462280	9/26/2025
HAMBLIN MINORS TRUST FOR SYDNEY ANN MCMILLAN	PO BOX 4602	MIDLAND	TX	79704	WI	9414836208551288462297	9/26/2025
HAMBLIN MINORS TRUST FOR EWEN ALEXANDER	PO BOX 4602	MIDLAND	TX	79704	WI	9414836208551288462273	9/26/2025
SGC OPERATING LP	707 W 34TH ST	AUSTIN	TX	78705	WI	9414836208551288462310	9/26/2025
BLACK POWDER LLC	PO BOX 10627	MIDLAND	TX	79702	WI	9414836208551288462327	9/26/2025
SCHERER HOLDINGS LLC	2409 SINCLAIR AVE	MIDLAND	TX	79705	WI	9414836208551288462334	9/26/2025
WORD OIL & GAS RESOURCES, LLC	1204 W CUTHBERT AVE	MIDLAND	TX	79701	WI	9414836208551288462341	9/26/2025
CHRISTENSEN ENERGY LLC	PO BOX 52125	MIDLAND	TX	79710	WI	9414836208551288462358	9/26/2025
CML EXPLORATION LLC	PO BOX 841738	DALLAS	TX	75284-1738	WI	9414836208551288462372	9/26/2025
CHRISTENSEN RESOURCE PROPERTIES LP	PO BOX 52738	MIDLAND	TX	79710	WI	9414836208551288462365	9/26/2025
CHIEF CAPITAL O&G II LLC	8111 WESTCHESTER STE 900	DALLAS	TX	75225	WI	9414836208551288462389	9/26/2025
PATTERSON PETROLEUM LLC	PO BOX 1416	SNYDER	TX	79550-1416	WI	9414836208551288462396	9/26/2025
VERITAS PERMIAN RESOURCES III LLC	PO BOX 10850	FORT WORTH	TX	76114	WI	9414836208551288462433	9/26/2025
BEXP II GW ALPHA LLC	5914 W COURTYARD DR, Suite 320	AUSTIN	TX	78730	WI	9414836208551288462402	9/26/2025
WALSH & WATTS INC	155 WALSH DR	ALEDO	TX	76008	WI	9414836208551288462440	9/26/2025
BEXP II OMEGA MISC LLC	5914 W COURTYARD DR, Suite 320	AUSTIN	TX	78730	WI	9414836208551288462426	9/26/2025
PERMIAN RESOURCES OPERATING LLC	300 N MARIENFELD ST STE 1000	MIDLAND	TX	79701	WI	9414836208551288462457	9/26/2025
MSH FAMILY REAL ESTATE PARTNERSHIP II LLC	4143 MAPLE AVE SUITE 500	DALLAS	TX	75219	OR	9414836208551288462419	9/26/2025
SMP PATRIOT MINERAL HOLDINGS LLC	4143 MAPLE AVE SUITE 500	DALLAS	TX	75219	OR	9414836208551288462464	9/26/2025
SMP TITAN MINERAL HOLDINGS LP	4143 MAPLE AVE SUITE 500	DALLAS	TX	75219	OR	9414836208551288462495	9/26/2025
MUSTANG OIL & GAS LLC	PO BOX 412	ROSWELL	NM	88202	OR	9414836208551288462556	9/26/2025
SMP SIDECAR TITAN MINERAL HOLDINGS LP	4143 MAPLE AVE SUITE 500	DALLAS	TX	75219	OR	9414836208551288462488	9/26/2025
POST OAK CROWN MINERALS LLC	34 S WYNDEN DR STE 210	HOUSTON	TX	77056	OR	9414836208551288462525	9/26/2025
MOUNTAIN LION OIL & GAS LLC	7941 KATY FREEWAY 117	HOUSTON	TX	77024	OR	9414836208551288462501	9/26/2025
SMP TITAN FLEX LP	4143 MAPLE AVE SUITE 500	DALLAS	TX	75219	OR	9414836208551288462532	9/26/2025
PEGASUS RESOURCES II LLC	PO BOX 470698	FORT WORTH	TX	76147	OR	9414836208551288462518	9/26/2025
SORTIDA RESOURCES LLC	PO BOX 50820	MIDLAND	TX	79710	OR	9414836208551288462549	9/26/2025
VIPER ENERGY PARTNERS LLC	515 CENTRAL PARK DR STE 500	OKLAHOMA CITY	OK	73105	OR	9414836208551288462563	9/26/2025
BLM	PO BOX 25627	DENVER	CO	80225-0627	RI	9414836208551288462624	9/26/2025
SITIO PERMIAN LP	1401 LAWRENCE ST STE 1750	DENVER	CO	80202	OR	9414836208551288462570	9/26/2025
BASCOM MITCHELL FAM PTNSHP LP	8523 THACKERY ST #6202	DALLAS	TX	75225	OR	9414836208551288462600	9/26/2025
OAK VALLEY MINERAL AND LAND LP	PO BOX 50820	MIDLAND	TX	79710	OR	9414836208551288462587	9/26/2025
ALPHA DEVELOPMENT CORP	PO BOX 2865	CASPER	WY	82602	OR	9414836208551288462617	9/26/2025
WINZELER FAM PARTNERSHIP	10714 OLYMPIA DR	HOUSTON	TX	77042	OR	9414836208551288462594	9/26/2025
PR ROYALTIES	300 N MARIENFELD STREET STE 1000	MIDLAND	TX	79701	OR	9414836208551288462631	9/26/2025
TD MINERALS LLC	8111 WESTCHESTER STE 900	DALLAS	TX	75225	OR	9414836208551288462648	9/26/2025
PEGASUS RESOURCES NM LLC	PO BOX 735082	DALLAS	TX	75373-5082	OR	9414836208551288462655	9/26/2025
VERITAS ROYALTY III LLC	PO BOX 10850	FORT WORTH	TX	76114	OR	9414836208551288462662	9/26/2025
WING RESOURCES VII LLC	2100 MCKINNEY AVE STE 1540	DALLAS	TX	75201	OR	9414836208551288462679	9/26/2025



September 26, 2025

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED**TO: ALL AFFECTED PERSONS****Re: Permian Resources Operating, LLC**
Requests for Administrative Approval of Unorthodox Well Location

Enclosed is a copy of an administrative application requesting approval of a non-standard well location for Permian Resources Operating, LLC's ("Permian Resources") Los Vaqueros Federal 121H well. An administrative application for the above-referenced non-standard location was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty (20) days from the date this application is received by the New Mexico Oil Conservation Division, 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 Oliver Cho, Senior Landman at Permian Resources – Oliver.Cho@permianres.com.

Sincerely,

HARDY McLEAN LLC

/s/ Jaclyn M. McLean

Jaclyn M. McLean

Attorneys for Permian Resources Operating, LLC

125 Lincoln Avenue, Suite 223
Santa Fe, NM 87501
505-230-4410

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Writer:
Jaclyn M. McLean
Managing Partner
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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 509724

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 509724
	Action Type: [UF-NSL] Non-Standard Location (NSL)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	9/29/2025