

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

Gerasimos "Gerry" Razatos
Division Director (Acting)
Oil Conservation Division



Jaclyn M. McLean
jmclean@hardymclean.com

ADMINISTRATIVE NON-STANDARD LOCATION

Administrative Order NSL – 8979

**Permian Resources Operating, LLC [OGRID 372165]
Rana Salada 0604 Federal Com Well No. 113H
API No. 30-015-54635**

Reference is made to your application received on May 16th, 2025.

Proposed Location

	Footages	Unit/Lot	Sec.	Twsp	Range	County
Surface	586 FSL & 275 FEL	P	01	23S	28E	Eddy
First Take Point	1601 FSL & 100 FWL	L/6	06	23S	29E	Eddy
Last Take Point	1698 FSL & 2556 FWL	K	04	23S	29E	Eddy
Terminus	1700 FSL & 2600 FWL	K	04	23S	29E	Eddy

Proposed Horizontal Units

Description	Acres	Pool	Pool Code
N/2 S/2 Section 06	396.67	Culebra Bluff; Bone Spring, South	15011
N/2 S/2 Section 05			
N/2 SW/4 Section 04			

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 shall dedicate to each horizontal **oil** well 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 – 8979
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 in 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 268 feet to the southern edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 06, encroachment to the S/2 S/2
Section 05, encroachment to the S/2 S/2
Section 04, encroachment to the S/2 SW/4

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 in order to maximize the wellbore's contact to undeveloped resources in this unit, reducing stranded resources, accelerating recovery time and improving overall productivity. Thus, preventing waste and protecting the correlative rights within the Bone Spring formation underlying the N/2 S/2 Section 06, the N/2 S/2 Section 05 and the N/2 SW/4 Section 04.

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.



GERASIMOS RAZATOS
DIRECTOR (ACTING)
GR/lrl

Date: 6-12-2025

ID NO.463987

NSL - 8979

Revised March 23, 2017

RECEIVED: 05/16/25	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: Rana Salada 0604 Fed Com 113H **API:** 30-015-54635
Pool: Culebra Bluff; Bone Spring, South **Pool Code:** 15011

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.

Jaclyn M. McLean

Print or Type Name

Jaclyn M. McLean

Signature

Digitally signed by Jaclyn M. McLean
 Date: 2025.05.15 12:43:04 -06'00'

May 14, 2025

Date

505-230-4410

Phone Number

jmclean@hardymclean.com

e-mail Address



May 14, 2025

VIA ONLINE FILING

Gerasimos Razatos
Acting 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**

Rana Salada 0604 Fed Com 113H (API No. 30-015-54635)
N/2 S/2 of Sections 6 and 5, and the N/2 SW/4 of Section 4, Township 23 South, Range 28
East, Eddy County, New Mexico.
Culebra Bluff; Bone Spring, South pool (Code 15011)

Dear Mr. Razatos,

In accordance with Division Rules 19.15.16.15(C)(6) and 19.15.15.13 NMAC, Permian Resources Operating, LLC ("Permian Resources") (OGRID No. 372165) seeks administrative approval of an unorthodox well location for its Rana Salada 0604 Fed Com 113H well, in a 396.67-acre, more or less, standard horizontal spacing unit, comprised of the N/2 S/2 of Sections 6 and 5, and the N/2 SW/4 of Section 4, Township 23 South, Range 28 East, Eddy County, New Mexico.

The location for the **Rana Salada 0604 Fed Com 113H** well is as follows:

- Surface Hole Location: 586' FSL and 275' FEL (Unit P), Section 1, Township 23 South, Range 28 East
- First Take Point: 1,601' FSL and 100' FWL (Lot 6), Section 6, Township 23 South, Range 29 East
- Last Take Point: 1,698' FSL and 2,556' FWL (Unit K), Section 4, Township 23 South, Range 29 East
- Bottom Hole Location: 1,700' FSL and 2,600' FWL (Unit K), Section 4, Township 23 South, Range 29 East

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
May 14, 2025

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The completed interval of the well will be unorthodox because it is located 268' from the southern boundary of the spacing unit. As explained in the engineering statement, included as **Exhibit A**, approval of the unorthodox, completed interval is necessary to minimize unnecessary burden, maximize lateral length, properly place stimulation energy, and optimize pressure drawdown, which will create cost efficiencies, prevent waste and protect correlative rights.

Exhibit B is a Form C-102 showing the location of the Rana Salada 0604 Fed Com 113H well in relation to the offset tracts.

Exhibit C is a plat for Section 1 of Township 22 South, and Sections 6, 5, and 4 of Township 23 South, which shows the Rana Salada 0604 Fed Com 113H well in relation to the adjoining tracts/proposed spacing units. The designated operator of the offsetting unit to the South is Permian Resources.

Exhibit D is a notice 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 a copy of the notice letter.

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

5/14/2025

Re: Rana Salada 0604 Fed Com 113H (API No. 30-015-54635)

SHL: 275' FEL, 586' FSL of Section 1, T23S-R28E

FTP: 100' FWL, 1601' FSL of Section 6, T23S-R29E

LTP: 2556' FWL, 1698' FSL of Section 4, T23S-R29E

BHL: 2,600' FWL, 1700' FSL of Section 4, T23S-R29E

Eddy County, New Mexico

To Whom It May Concern,

Approval of a non-standard location will maximize the wellbore's contact to undeveloped resource in this unit, reducing stranded resources, accelerating recovery time, and improving overall productivity. The request for a non-standard location is therefore in the best interests of the mineral owners as well as the operator.

Approval of the unorthodox, completed interval is necessary to allow Permian to maximize lateral length, properly place stimulation energy, and optimize pressure drawdown, which will create cost efficiencies, prevent waste, and protect correlative rights.

To minimize unnecessary burden, prevent waste, and protect correlative rights, Permian respectfully requests approval of this non-standard location for the Rana Salada 0604 Fed Com 113H to allow the completed interval to be less than 330 feet from the southern boundary of the existing 320-acre horizontal spacing unit. In this instance, the FTP is 268 feet from the southern boundary.

Sincerely,

A handwritten signature in black ink that reads "Dustin Van Brunt".

Dustin Van Brunt

Sr. Staff Reservoir Engineer

Permian Resources Operating, LLC

EXHIBIT A

EXHIBIT B

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 30-015-54635	Pool Code 15011	Pool Name CULEBRA BLUFF; BONE SPRING, SOUTH
Property Code 325746	Property Name RANA SALADA 0604 FED COM	Well Number 113H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,039.70'
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	1	23S	28E		586' FSL	275' FEL	32.329103°	-104.032867°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	4	23S	29E		1,700' FSL	2,600' FWL	32.331758°	-103.990027°	EDDY

Dedicated Acres 396.67	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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	1	23S	28E		1,571' FSL	353' FEL	32.331807°	-104.033124°	EDDY

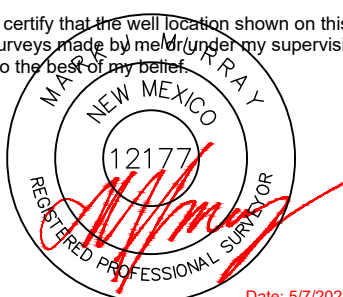
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	6	23S	29E	LOT 6	1,601' FSL	100' FWL	32.331894°	-104.031659°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	4	23S	29E		1,698' FSL	2,556' FWL	32.331750°	-103.990167°	EDDY

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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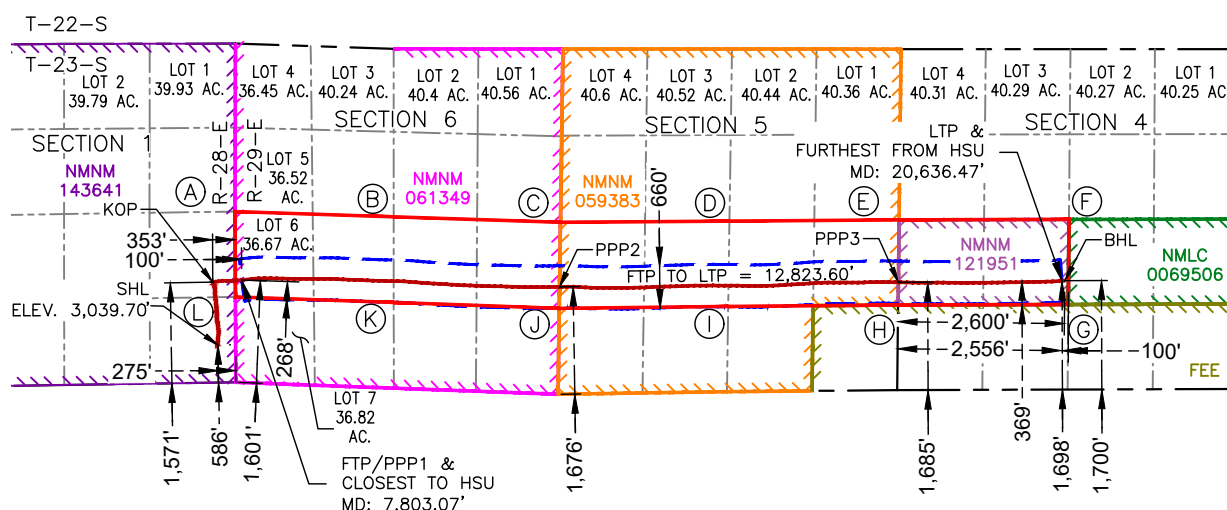
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the 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: 5/7/2025	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____	
Printed Name _____		Certificate Number 12177	Date of Survey 5/7/2025
Email Address _____			

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.



RANA SALADA 0604 FED COM 113H

SURFACE HOLE LOCATION
586' FSL & 275' FEL
ELEV. = 3,039.70'

NAD 83 X = 634,144.34'
NAD 83 Y = 483,590.09'
NAD 83 LAT = 32.329103°
NAD 83 LONG = -104.032867°
NAD 27 X = 592,961.68'
NAD 27 Y = 483,530.40'
NAD 27 LAT = 32.328982°
NAD 27 LONG = -104.032373°

KICK-OFF POINT
1,571' FSL & 353' FEL
MD = 7,085.00'

NAD 83 X = 634,062.34'
NAD 83 Y = 484,573.38'
NAD 83 LAT = 32.331807°
NAD 83 LONG = -104.033124°
NAD 27 X = 592,879.70'
NAD 27 Y = 484,513.67'
NAD 27 LAT = 32.331686°
NAD 27 LONG = -104.032629°

FIRST TAKE POINT & PENETRATION POINT 1
1,601' FSL & 100' FWL
MD = 7,803.07'

NAD 83 X = 634,514.80'
NAD 83 Y = 484,606.26'
NAD 83 LAT = 32.331894°
NAD 83 LONG = -104.031659°
NAD 27 X = 593,332.15'
NAD 27 Y = 484,546.54'
NAD 27 LAT = 32.331773°
NAD 27 LONG = -104.031164°

PENETRATION POINT 2
1,676' FSL & 0' FEL
MD = 12,775.96'

NAD 83 X = 639,480.56'
NAD 83 Y = 484,498.49'
NAD 83 LAT = 32.331558°
NAD 83 LONG = -104.015583°
NAD 27 X = 598,297.84'
NAD 27 Y = 484,438.72'
NAD 27 LAT = 32.331437°
NAD 27 LONG = -104.015089°

PENETRATION POINT 3
1,685' FSL & 0' FEL
MD = 18,077.76'

NAD 83 X = 644,773.55'
NAD 83 Y = 484,571.19'
NAD 83 LAT = 32.331714°
NAD 83 LONG = -103.998445°
NAD 27 X = 603,590.76'
NAD 27 Y = 484,511.36°
NAD 27 LAT = 32.331592°
NAD 27 LONG = -103.997952°

LAST TAKE POINT
1,698' FSL & 2,556' FWL
MD = 20,636.47'

NAD 83 X = 647,330.37'
NAD 83 Y = 484,592.66'
NAD 83 LAT = 32.331750°
NAD 83 LONG = -103.990167°
NAD 27 X = 606,147.59'
NAD 27 Y = 484,532.82°
NAD 27 LAT = 32.331629°
NAD 27 LONG = -103.989674°

BOTTOM HOLE LOCATION
1,700' FSL & 2,600' FWL
MD = 20,680.00'

NAD 83 X = 647,373.77'
NAD 83 Y = 484,595.62'
NAD 83 LAT = 32.331758°
NAD 83 LONG = -103.990027°
NAD 27 X = 606,190.99'
NAD 27 Y = 484,535.78°
NAD 27 LAT = 32.331636°
NAD 27 LONG = -103.989534°

HSU CORNER COORDINATES NEW MEXICO EAST - NAD 83

POINT	NORTHING/EASTING
A	N:485,675.61' E:634,409.57'
B	N:485,593.80' E:636,889.20'
C	N:485,507.82' E:639,495.15'
D	N:485,526.59' E:642,134.49'
E	N:485,545.43' E:644,784.80'
F	N:485,552.20' E:647,438.63'
G	N:484,223.78' E:647,427.19'
H	N:484,215.84' E:644,769.44'
I	N:484,194.48' E:642,114.99'
J	N:484,164.76' E:639,475.73'
K	N:484,255.26' E:636,889.71'
L	N:484,341.77' E:634,416.08'

Rana Salada 0604 Fed Com 113H
API #30-015-54635

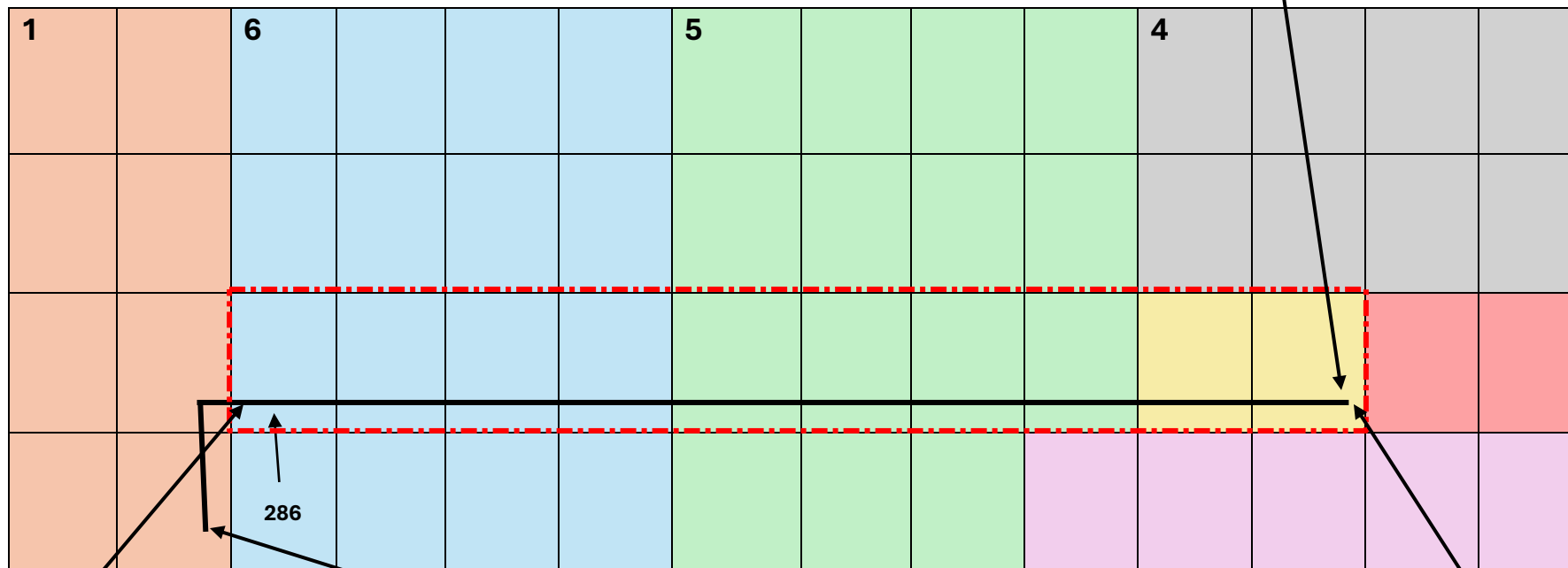
Communitized Area

NMNM105719986
NMNM143641
638.88 Acres

NMNM105507737
NMNM 059383
601.92 Acres

LTP
1,698' FSL & 2,556' FWL

NMNM105445863
NMLC 0064829
Acres 2,481.60



FTP
1,601' FSL & 100' FWL

SHL
586' FSL & 275' FEL

BHL
1,700' FSL & 2,600' FWL

FEE Lease

NMNM105559353
NMNM 061349
937.86 Acres

NMNM105678899
NMNM121951
240 Acres

NMNM105348482
NMLC 0069506
80 Acres

Notice List – Rana Salada 0604 Fed Com 113H NSL:

Bureau of Land Management
307 Dinosaur Trail
Santa Fe, NM 87508
Date Notice Sent: 5/15/2025
Tracking Number: 9414836208551282578130

Devon Energy Co LP
333 W. Sheridan Avenue
Oklahoma, OK 73102-5010
Date Notice Sent: 5/15/2025
Tracking Number: 9414836208551282578000

Northern Oil & Gas, Inc.
4350 Baker Road, Suite 400
Minnetonka, MN 55343
Date Notice Sent: 5/15/2025
Tracking Number: 9414836208551282578024

EXHIBIT D



May 14, 2025

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PERSONS

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

Enclosed are copies of administrative applications requesting approval of unorthodox well locations for Permian Resources Operating, LLC's ("Permian Resources") Rana Salada 0604 Fed Com 113H well. An administrative application for the unorthodox well 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 Daniel Koury, Senior Landman at Permian Resources – Daniel.Koury@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

HardyMclean.com

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

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 463987

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 463987
	Action Type: [UF-NSL] Non-Standard Location (NSL)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	5/19/2025