

NSL - 8735

Revised March 23, 2017

ID NO. 319971

RECEIVED: 03/04/24	REVIEWER:	TYPE:	APP NO: pLEL2406537973
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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: Novo Oil & Gas Northern Delaware, LLC OGRID Number: 372920
Well Name: Rana Salada 0503 Fed Com 224H API:
Pool: Purple Sage; Wolfcamp Pool Code: 98220

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

03/04/2024

Print or Type Name

Date

505-982-4554

Phone Number

jmclean@hinklelawfirm.com

e-mail Address

Signature



hinklelawfirm.com

HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:
Jaclyn M. McLean, Partner
jmclean@hinklelawfirm.com

March 4, 2024

VIA ONLINE FILING

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

**Re: Novo Oil & Gas Northern Delaware, LLC
Request for Administrative Approval of Unorthodox Well Location**

Rana Salda 0503 Fed Com 224H
S/2 SE/4 of Section 5, S/2 S/2 of Section 4, and SW/4 SW/4 of Section 3, Township 23
South, Range 29 East, Eddy County, New Mexico
Purple Sage; Wolfcamp Pool (Code 98220)

Dear Mr. Fuge,

In accordance with Division Rules 19.15.16.15(C)(6) and 19.15.15.13 NMAC and applicable rules governing acreage and well location requirements for the Purple Sage; Wolfcamp Pool (Code 98220), Novo Oil & Gas Northern Delaware, LLC ("Novo") (OGRID No. 372920) seeks administrative approval of an unorthodox well location for its Rana Salada 0503 Fed Com 224H well, in a 280-acre, more or less, non-standard horizontal spacing unit underlying the S/2 SE/4 of Section 5, S/2 S/2 of Section 4, and SW/4 SW/4 of Section 3, Township 23 South, Range 29 East, Eddy County, New Mexico.

The location for the **Rana Salada 0503 Fed Com 224H** well is as follows:

- Surface Hole Location: 518' FNL and 2276' FWL (Unit C) of Section 8
- First Take Point: 990' FSL and 2540' FEL (Unit O) of Section 5
- Last Take Point: 990' FSL and 990' FWL (Unit M) of Section 3
- Bottom Hole Location: 990' FSL and 990' FWL (Unit M) of Section 3

Since this acreage is governed by the Division's special pool rules included in Order No. R-14262, the completed interval of the well will be unorthodox because it is closer than 330' to the eastern boundary of the existing horizontal spacing unit. As explained in the engineering statements included as **Exhibit A**, approval of the unorthodox, completed interval is necessary to allow Novo to use its preferred well spacing plan for horizontal wells in this area, which will

PO BOX 10
ROSWELL, NEW MEXICO 88202
(575) 622-6510
FAX (575) 623-9332

7601 JEFFERSON ST NE · SUITE 180
ALBUQUERQUE, NEW MEXICO 87109
505-858-8320
(FAX) 505-858-8321

PO BOX 2068
SANTA FE, NEW MEXICO 87504
(505) 982-4554
FAX (505) 982-8623

March 4, 2024

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maximize recovery and prevent waste.

Exhibit B is a Form C-102 showing the Rana Salada 0503 Federal Com 224H well encroaches on the tracts to the west in the E/2 W/2 of Section 5.

Exhibit C is a plat for Sections 3, 4, 5, 6, and 8 of Township 23 South, Range 29 East, that shows the Rana Salada 0503 Federal Com 224H well in relation to the adjoining tracts/proposed spacing units. The designated operator of the offsetting unit is Novo.

Exhibit D is a spreadsheet 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.

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

Very truly yours,

/s/ Jaclyn M. McLean

Jaclyn M. McLean

HINKLE SHANOR LLP



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

OFFICE 432.695.4222
FAX 432.695.4063

2/28/2024

Re: Rana Salada 0503 Federal Com 224H

FTP: 990' FSL, 2540' FEL of Section 5, T23S-R29E

LTP: 990' FSL, 990' FWL of Section 3, T23S-R29E

Eddy County, New Mexico

To Whom It May Concern,

Novo Oil and Gas Northern Delaware, LLC, as a wholly-owned subsidiary of Permian Resources Operating, LLC ("Permian") respectfully requests administrative approval of a non-standard location for the Rana Salada 0503 Federal Com #224H to allow the completed interval to be less than 330 feet from the western boundary of the existing 263.82-acre horizontal spacing unit. Due to common ownership and operational efficiencies, approval of a non-standard location will allow for optimal recovery of resource, thus preventing waste and protecting correlative rights. Permian requests approval of this non-standard location to avoid causing wasted resources and reducing the production of the wells listed above.

Sincerely,

A handwritten signature in black ink that reads "Benedikt Scheifele".

Benedikt Scheifele

Asset Team Lead

Permian Resources Operating, LLC

EXHIBIT A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

FTP

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-54055	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 334600	⁵ Property Name RANA SALADA 0503 FED COM	⁶ Well Number 224H
⁷ OGRID No. 372920	⁸ Operator Name NOVO OIL & GAS NORTHERN DELAWARE, LLC	⁹ Elevation 3064.6

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	8	23 S	29 E		518	NORTH	2276	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	23 S	29 E		990	SOUTH	990	WEST	EDDY

¹² Dedicated Acres 280	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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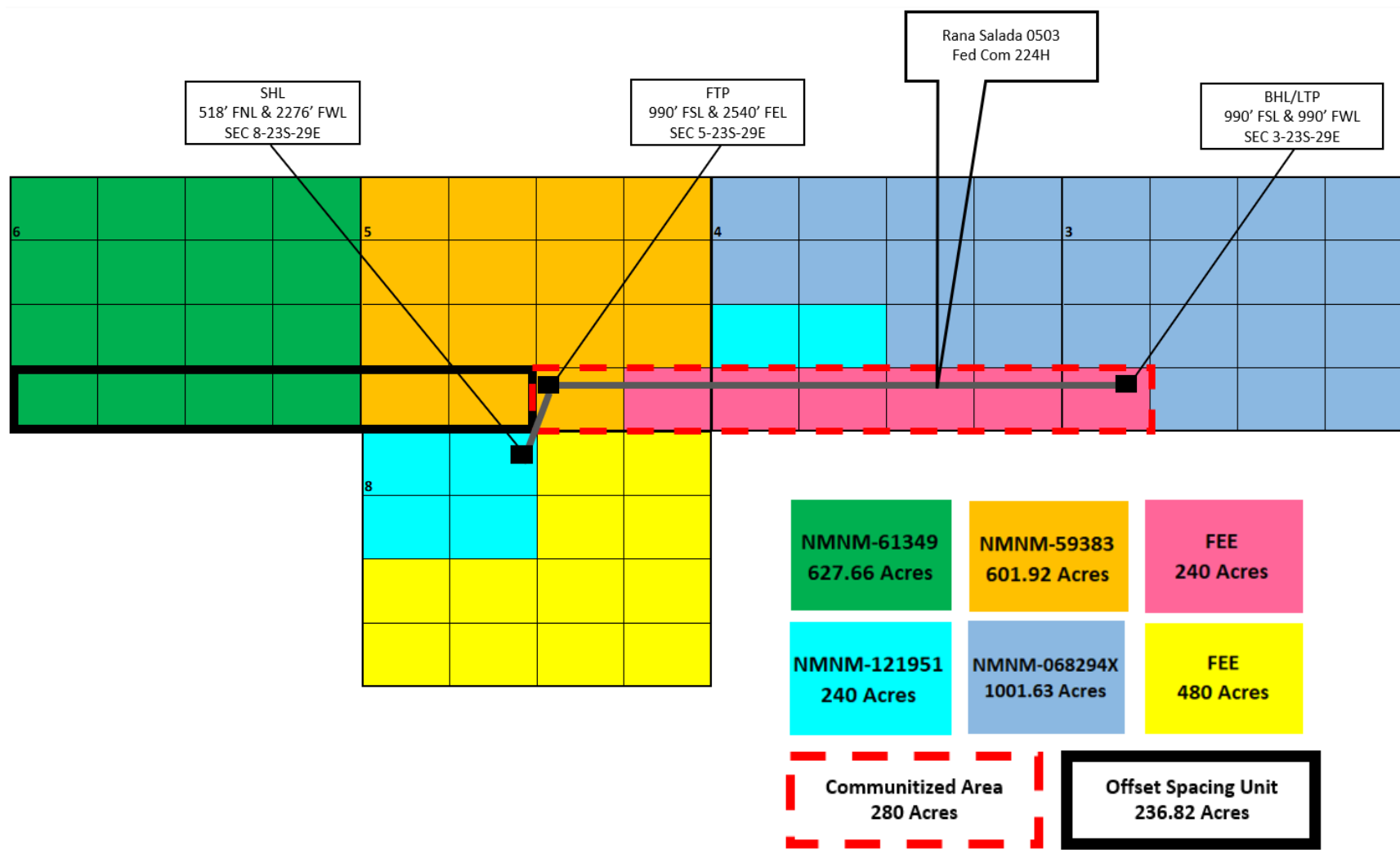
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>RANA SALADA 0503 FED COM 224H EL. = 3064.6</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N = 482278.55 E = 600556.02 LAT. = 32.3254799°N LONG. = 104.0077991°W</p> <p>KICK OFF POINT NAD 27 NMSP EAST 518' FSL, 2276' FWL N = 482278.55 E = 600556.02 LAT. = 32.3254799°N LONG. = 104.0077991°W</p> <p>FIRST TAKE POINT NAD 27 NMSP EAST 990' FSL, 2540' FEL N = 483793.26 E = 601042.48 LAT. = 32.3298396°N LONG. = 104.0062093°W</p> <p>LAST TAKE POINT NAD 27 NMSP EAST 990' FSL, 990' FWL N = 483847.90 E = 609882.93 LAT. = 32.3297124°N LONG. = 103.9775883°W</p> <p>BOTTOM OF HOLE NAD 27 NMSP EAST N = 483847.90 E = 609882.93 LAT. = 32.3297124°N LONG. = 103.9775883°W</p> <p>PPP2 NAD 27 NMSP EAST 987' FSL, 1328' FEL N = 483801.31 E = 602254.65 LAT. = 32.3206515°N LONG. = 104.0022849°W</p> </div> <div style="width: 50%;"> <p>GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N = 482338.30 E = 641738.83 LAT. = 32.3256015°N LONG. = 104.0082925°W</p> <p>KICK OFF POINT NAD 83 NMSP EAST 518' FSL, 2276' FWL N = 482338.30 E = 641738.83 LAT. = 32.3256015°N LONG. = 104.0082925°W</p> <p>FIRST TAKE POINT NAD 83 NMSP EAST 990' FSL, 2540' FEL N = 483853.05 E = 642225.26 LAT. = 32.3297812°N LONG. = 104.0067028°W</p> <p>LAST TAKE POINT NAD 83 NMSP EAST 990' FSL, 990' FWL N = 483907.72 E = 651065.74 LAT. = 32.3298342°N LONG. = 103.9780810°W</p> <p>BOTTOM OF HOLE NAD 83 NMSP EAST N = 483907.72 E = 651065.74 LAT. = 32.3298342°N LONG. = 103.9780810°W</p> <p>PPP2 NAD 83 NMSP EAST 987' FSL, 1328' FEL N = 483861.12 E = 643437.44 LAT. = 32.3297732°N LONG. = 104.0022782°W</p> </div> </div> <p>CORNER COORDINATES TABLE</p> <table border="1"> <thead> <tr> <th colspan="2">NAD 27 NMSP EAST</th> <th colspan="2">NAD 83 NMSP EAST</th> </tr> </thead> <tbody> <tr><td>A - N = 485447.97</td><td>E = 598312.46</td><td>A - N = 485507.76</td><td>E = 639495.15</td></tr> <tr><td>B - N = 485485.55</td><td>E = 603602.21</td><td>B - N = 485545.40</td><td>E = 644784.96</td></tr> <tr><td>C - N = 485527.97</td><td>E = 608889.55</td><td>C - N = 485587.83</td><td>E = 650072.31</td></tr> <tr><td>D - N = 485497.06</td><td>E = 614209.73</td><td>D - N = 485556.92</td><td>E = 655392.50</td></tr> <tr><td>E - N = 482842.66</td><td>E = 614207.45</td><td>E - N = 482902.46</td><td>E = 655390.29</td></tr> <tr><td>F - N = 482843.58</td><td>E = 611551.18</td><td>F - N = 482903.38</td><td>E = 657734.02</td></tr> <tr><td>G - N = 482866.70</td><td>E = 608895.27</td><td>G - N = 482926.50</td><td>E = 650078.10</td></tr> <tr><td>H - N = 482846.43</td><td>E = 606232.92</td><td>H - N = 482906.22</td><td>E = 647415.75</td></tr> <tr><td>I - N = 482826.14</td><td>E = 603570.56</td><td>I - N = 482885.93</td><td>E = 644753.39</td></tr> <tr><td>J - N = 480166.84</td><td>E = 603626.20</td><td>J - N = 480226.58</td><td>E = 644809.10</td></tr> <tr><td>K - N = 480102.74</td><td>E = 598312.15</td><td>K - N = 480162.41</td><td>E = 639494.98</td></tr> <tr><td>L - N = 482761.92</td><td>E = 598273.76</td><td>L - N = 482821.66</td><td>E = 639456.52</td></tr> </tbody> </table> <p>Diagram: A plat map showing sections 3, 4, and 5. Section 5 is labeled 'SEC. 5' and 'NMNM 059383'. Section 4 is labeled 'SEC. 4' and 'NMNM 121951'. Section 3 is labeled 'SEC. 3' and 'NMNM 0069506'. The map shows the well location (FTP) and the bottom hole location (LTP & BOTTOM OF HOLE) with their respective coordinates and distances. The surface location is marked with a dot and labeled '2276' SURFACE LOCATION'. The bottom hole location is marked with a dot and labeled '990' LTP & BOTTOM OF HOLE'. The map also shows the well path (FTP) and the bottom hole path (LTP & BOTTOM OF HOLE).</p>	NAD 27 NMSP EAST		NAD 83 NMSP EAST		A - N = 485447.97	E = 598312.46	A - N = 485507.76	E = 639495.15	B - N = 485485.55	E = 603602.21	B - N = 485545.40	E = 644784.96	C - N = 485527.97	E = 608889.55	C - N = 485587.83	E = 650072.31	D - N = 485497.06	E = 614209.73	D - N = 485556.92	E = 655392.50	E - N = 482842.66	E = 614207.45	E - N = 482902.46	E = 655390.29	F - N = 482843.58	E = 611551.18	F - N = 482903.38	E = 657734.02	G - N = 482866.70	E = 608895.27	G - N = 482926.50	E = 650078.10	H - N = 482846.43	E = 606232.92	H - N = 482906.22	E = 647415.75	I - N = 482826.14	E = 603570.56	I - N = 482885.93	E = 644753.39	J - N = 480166.84	E = 603626.20	J - N = 480226.58	E = 644809.10	K - N = 480102.74	E = 598312.15	K - N = 480162.41	E = 639494.98	L - N = 482761.92	E = 598273.76	L - N = 482821.66	E = 639456.52	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jennifer Elrod</i> Signature 2/21/2024 Date</p> <p>JENNIFER ELROD Printed Name</p> <p>jennifer.elrod@permres.com E-mail Address</p>
NAD 27 NMSP EAST		NAD 83 NMSP EAST																																																			
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EXHIBIT B

Rana Salada 0503 Federal Com 224H NSL Map

S/2 SE/4 of Section 5, T23S-R29E and S/2 S/2 of Section 4, T23S-R29E and SW/4 SW/4 of Section 3, T23S-R29E, Eddy County, New Mexico (containing 280.00 acres, more or less)

**EXHIBIT C**

Rana Salada 0503 Federal Com 224H NSL Notification

S/2 SE/4 of Section 5, T23S-R29E and S/2 S/2 of Section 4, T23S-R29E and SW/4 SW/4 of Section 3, T23S-R29E, Eddy County, New Mexico (containing 280.00 acres, more or less)

Offset Proration Unit: S/2 S/2 of Section 6, T23S-R29E and S/2 SW/4 of Section 5, T23S-R29E, Eddy Co., NM (containing 236.82 acres, more or less)

Notification Tracts:

Tract 1: S/2 S/2 of Section 6, T23S-R29E			
Owner Type	Affected Party	WI Percentage	Date of Notices Sent
WI Owner/Operator	Novo Oil and Gas Northern Delaware LLC	53.558951%	03/04/2024
WI Owner	Northern Oil and Gas Inc	26.779476%	03/04/2024
WI Owner	WPX Energy Permian LLC	19.661573%	03/04/2024

Tract 2: S/2 SW/4 of Section 5, T23S-R29E			
Owner Type	Affected Party	WI Percentage	Date of Notices Sent
WI Owner/Operator	Novo Oil and Gas Northern Delaware LLC	53.558951%	03/04/2024
WI Owner	Northern Oil and Gas Inc	26.779476%	03/04/2024
WI Owner	WPX Energy Permian LLC	19.661573%	03/04/2024

This interest was contractually agreed upon through Joint Operating Agreements between all working interest owners.

EXHIBIT D

Owner Information - 0503 Unit			
Owner Type	Affected Party	WI Percentage	Date of Notices Sent
WI Owner/Operator	Novo Oil and Gas Northern Delaware LLC	66.666667%	03/04/2024
WI Owner	Northern Oil and Gas Inc	33.333333%	03/04/2024

Owner Information - 0504 Unit (234H)			
Owner Type	Affected Party	WI Percentage	Date of Notices Sent
WI Owner/Operator	Novo Oil and Gas Northern Delaware LLC	64.114286%	03/04/2024
WI Owner	Northern Oil and Gas Inc	32.057143%	03/04/2024
WI Owner	OXY Y-1 Company	3.828571%	03/04/2024

Compiled Owners and Addresses:

Compiled Owner Information		
Owner Type	Affected Party	Mailing Address
WI Owner/Operator	Novo Oil and Gas Northern Delaware LLC	1400 Woodloch Forest Drive, Suite 300, The Woodlands, TX 77380
WI Owner	Northern Oil and Gas Inc	1350 Baker Road, Suite 400, Minnetonka, MN 55343
WI Owner	WPX Energy Permian LLC	333 West Sheridan Avenue, Oklahoma City, OK 73102
WI Owner	OXY Y-1 Company	PO Box 27570, Houston, TX 77227
Mineral Interest	Bureau of Land Management	301 Dinosaur Trail, Santa Fe, NM 87508

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 319971

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 319971
	Action Type: [UF-NSL] Non-Standard Location (NSL)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	3/5/2024