

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 Chang
Division Director
Oil Conservation Division



Kayla McConnell
kayla_mcconnell@eogresources.com

ADMINISTRATIVE NON-STANDARD LOCATION

Administrative Order NSL – 9044

**EOG Resources, Inc. [OGRID 7377]
Vaca 24 Federal Well No. 583H
API No. 30-025-54841**

Reference is made to your application received on August 5th, 2025.

Proposed Location

| | Footages | Unit/Lot | Sec. | Twsp | Range | County |
|------------------------------|--------------------|-----------------|-------------|-------------|--------------|---------------|
| Surface | 544 FSL & 2367 FWL | N | 24 | 25S | 33E | Lea |
| First Take Point | 100 FSL & 2580 FEL | O | 24 | 25S | 33E | Lea |
| Last Take Point/ Terminus | 100 FNL & 2580 FEL | B | 13 | 25S | 33E | Lea |

Proposed Horizontal Units

| Description | Acres | Pool | Pool Code |
|--------------------|--------------|------------------------------|------------------|
| E/2 Section 24 | 640 | Red Hills; Lower Bone Spring | 51020 |
| E/2 Section 13 | | | |

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 completed interval to any outer boundary of the horizontal spacing unit, measured along a line

Administrative Order NSL – 9044

EOG Resources, Inc.

Page 2 of 2

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 60 feet to the western edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 13, encroachment to the E/2 W/2

Section 24, encroachment to the E/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 as your preferred well spacing plan for horizontal wells in order to prevent waste within the Bone Spring formation underlying the E/2 Section 24 and the E/2 Section 13. All while protecting correlative rights within the unit.

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 Chang
Division Director
AC/lrl

Date: 9/12/2025

Revised March 23, 2017

ID NO. 492221

NSL - 9044

| | | | |
|---------------------------|-----------|-------|---------|
| RECEIVED: 08/05/25 | REVIEWER: | TYPE: | APP NO: |
|---------------------------|-----------|-------|---------|

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: EOG Resources Inc. **OGRID Number:** 7377
Well Name: Vaca 24 Fed Com #583H **API:** 30-025-54841
Pool: Red Hills; Lower Bone Spring **Pool Code:** 51020

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.

Kayla McConnell

Print or Type Name

Kayla McConnell

Signature

08/04/2025

Date

432-265-6804

Phone Number

kayla_mcconnell@eogresources.com

e-mail Address



Kayla McConnell
Phone: (432) 265-6804
Email: kayla_mcconnell@eogresources.com

August 4, 2025

VIA ONLINE FILING

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

Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Vaca 24 Fed Com #583H well dedicated to the W2E2 of Section 13 & 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico.

Dear Director Chang,

EOG Resources, Inc. (OGRID No. 7377) seeks administrative approval of an unorthodox well location for its Vaca 24 Fed Com #583H well (API No. 30-025-54841). The spacing unit dedicated to the well is comprised of the W2E2 of section 13 & 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico and is within the Red Hills; Lower Bone Spring (51020). The horizontal spacing unit for the well is approximately 640 acres and does not include proximity tracts.

This well has not yet been drilled. It is proposed to be drilled as follows:

- Surface location is located 544 feet from the South line, 2367 feet from the West line (Unit N) of Section 24,
- Bottom hole location is located 100 feet from the North line, 2580 feet from the East line (Unit B) of Section 13,
- First take point is located 100 feet from the South line, 2580 feet from the East line (Unit O) of Section 24,
- Last take point is located 100 feet from the North line, 2580 feet from the East line (Unit B) of Section 13.

The acreage is governed by the Division's statewide rules. The proposed completed interval is unorthodox because it will be closer than 330 feet to the western boundary. It encroaches on the spacing unit in the E2W2 of Section 13 & 24. Approval of the unorthodox location will allow EOG to use its preferred well spacing plan for horizontal wells, which will prevent waste.

Exhibit A – C-102 showing the location of the well, including the proposed unorthodox, completed interval. The completed interval encroaches on the spacing unit/tracts to the west.

Exhibit B – Lease Cartoon showing the Vaca 24 Fed Com #583H well in relation to the adjoining spacing units/tracts to the west.

Exhibit C – Certification Statement indicating that all tracts affected by this request have been reviewed, including a list of the affected parties.

Exhibit D – Provides proof that a copy of this application, including exhibits, was mailed to each affected party. This notice advises affected parties that any objection must be filed in writing with the Division within 20 days from the date the Division receives the application.

Exhibit E – Engineering Statement providing justification for the requested non-standard location.

Thank you for your attention to this matter.

Thank you,

A handwritten signature in black ink that reads "Kayla McConnell". The script is cursive and fluid.

Kayla McConnell
Regulatory Specialist

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|--------------------------------------|--|
| API Number 30-025-54841 | Pool Code 51020 | Pool Name RED HILLS; LOWER BONE SPRING |
| Property Code 39180 | Property Name VACA 24 FED COM | Well Number 583H |
| OGRID No. 7377 | Operator Name EOG RESOURCES, INC. | Ground Level Elevation 3333' |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal | | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |

Surface Location

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
| N | 24 | 25-S | 33-E | - | 544' S | 2367' W | N 32.1102582 | W 103.5269540 | LEA |

Bottom Hole Location

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
| B | 13 | 25-S | 33-E | - | 100' N | 2580' E | N 32.1375188 | W 103.5258440 | LEA |

| | | | | |
|--|-----------------------------------|---|--|------------------------|
| Dedicated Acres 640.00 | Infill or Defining Well INFILL | Defining Well API PENDING VACA 24 FED COM 224H API | Overlapping Spacing Unit (Y/N) Y | Consolidated Code C |
| Order Numbers PENDING COM/PENDING NSL | | | Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No | |

Kick Off Point (KOP)

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
| O | 24 | 25-S | 33-E | - | 50' S | 2580' E | N 32.1089009 | W 103.5258560 | LEA |

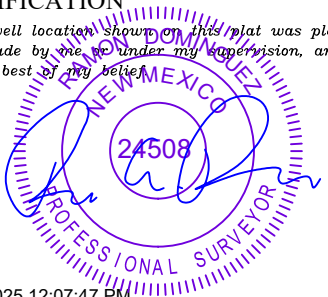
First Take Point (FTP)

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
| O | 24 | 25-S | 33-E | - | 100' S | 2580' E | N 32.1090383 | W 103.5258559 | LEA |

Last Take Point (LTP)

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
| B | 13 | 25-S | 33-E | - | 100' N | 2580' E | N 32.1375188 | W 103.5258440 | LEA |

| | | |
|--|--|---------------------------------|
| Unitized Area or Area of Uniform Interest COM AGREEMENT | Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation 3358' |
|--|--|---------------------------------|

| | | | |
|---|--|---|--|
| OPERATOR CERTIFICATION <i>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.</i> <i>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.</i> <i>Kayla McConnell</i> 06/17/2025 Signature Date KAYLA MCCONNELL Print Name KAYLA_MCCONNELL@EOGRESOURCES.COM E-mail Address | | SURVEYORS CERTIFICATION <i>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.</i>  6/9/2025 12:07:47 PM Signature and Seal of Professional Surveyor Date Certificate Number Date of Survey 05/29/2025 | |
|---|--|---|--|

| | | | |
|---|---|-------------------------------------|--|
| 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 checked="" type="checkbox"/> Amended Report |
| | | <input type="checkbox"/> As Drilled | |
| Property Name and Well Number VACA 24 FED COM 583H | | | |

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=791009 Y=404782
LAT.: N 32.1102582
LONG.: W 103.5269540

NAD 1927
X=749823 Y=404725
LAT.: N 32.1101334
LONG.: W 103.5264845
544' FSL 2367' FWL

KICK OFF POINT (KOP)

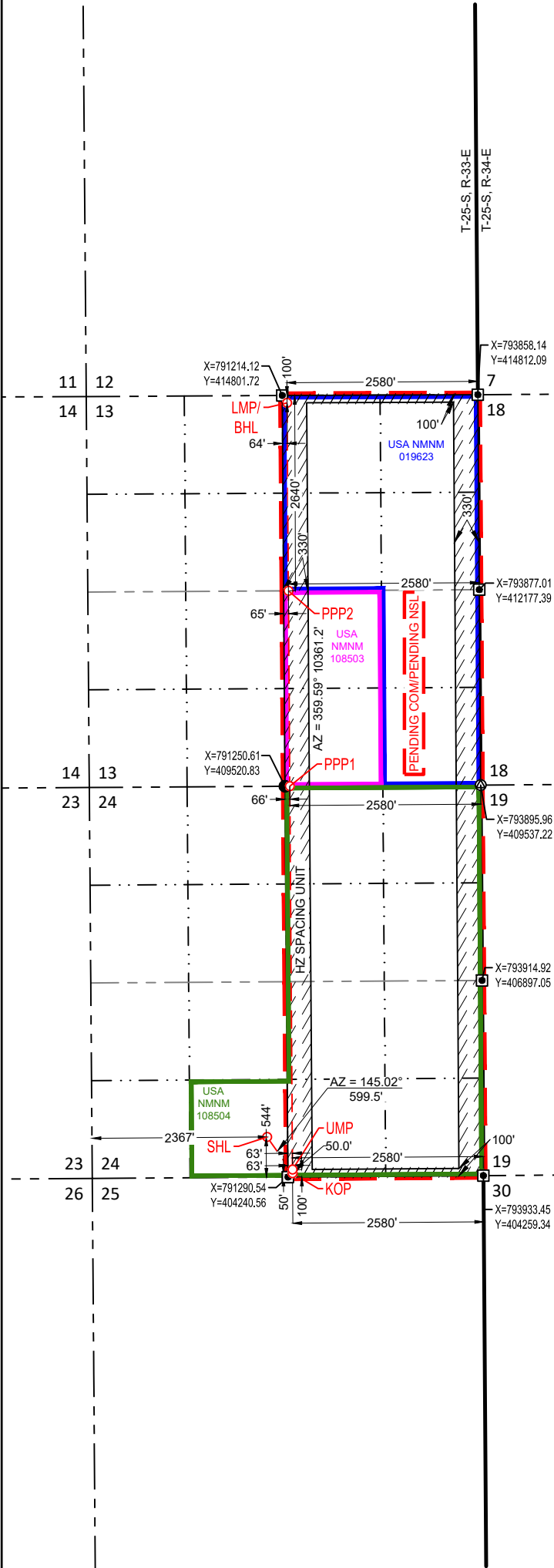
NEW MEXICO EAST
NAD 1983
X=791353 Y=404291
LAT.: N 32.1089009
LONG.: W 103.5258560

NAD 1927
X=750167 Y=404233
LAT.: N 32.1087761
LONG.: W 103.5253866
50' FSL 2580' FEL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=791353 Y=404341
LAT.: N 32.1090383
LONG.: W 103.5258559

NAD 1927
X=750166 Y=404283
LAT.: N 32.1089135
LONG.: W 103.5253865
100' FSL 2580' FEL



PROPOSED PERF. POINT (PPP1)

NEW MEXICO EAST
NAD 1983
X=791316 Y=409521
LAT.: N 32.1232779
LONG.: W 103.5258500

NAD 1927
X=750130 Y=409463
LAT.: N 32.1231533
LONG.: W 103.5253798
0' FNL 2580' FEL

PROPOSED PERF. POINT (PPP2)

NEW MEXICO EAST
NAD 1983
X=791297 Y=412162
LAT.: N 32.1305360
LONG.: W 103.5258469

NAD 1927
X=750111 Y=412104
LAT.: N 32.1304117
LONG.: W 103.5253746
2640' FNL 2580' FEL

LOWER MOST PERF. (LMP)
BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=791279 Y=414702
LAT.: N 32.1375188
LONG.: W 103.5258440

NAD 1927
X=750093 Y=414644
LAT.: N 32.1373947
LONG.: W 103.5253713
100' FNL 2580' FEL

SURVEYORS CERTIFICATION

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 of Survey
Signature and Seal of Professional Surveyor:



6/9/2025 12:07:48 PM

EXHIBIT B

| | | | |
|-----------|-----------|-----------|-----------|
| WVWV D | HEWV C | WVWE D | HEWE A |
| SWWV E | SEWV F | SWWE C | SEWE H |
| WVWV L | HEWV K | WVWE J | HEWE I |
| SWWV M | SEWV N | SWWE O | SEWE P |
| WVWV D | HEWV C | WVWE D | HEWE A |
| SWWV E | SEWV F | SWWE C | SEWE H |
| WVWV L | HEWV K | WVWE J | HEWE I |
| SWWV M | SEWV N | SWWE O | SEWE P |

Vaca 24 Fed Com



0087135/000
USA NMNM-108503



0009842/000
USA NMNM-019623



0087129/000
USA NMNM-108504

Vaca 24 Fed Com
#583H

Operator/Working Interest Owner:
EOG Resources, Inc.

Other Working Interest Owners:

Ellipsis Oil & Gas, Inc.
FR Energy, LLC
NHHP Permian, LLC
Chevron Midcontinent, LP
Sydhan, LP
Judith A. West

Mineral Owners:
Bureau of Land Management

13

24

EXHIBIT C



P.O. Box 2267, Midland, Texas 79702
Phone: (432) 686-3600 Fax: (432) 686-3773

July 25, 2025

Certification of Ownership

I have reviewed the ownership of the oil and gas leasehold in Section 13 & 24, Township 25 South, Range 33 East, Lea County, New Mexico, for purposes of the unorthodox location for EOG's Vaca 24 Fed Com #583H well located in the W2E2 of Section 13 & 24, Township 25 South, Range 33 East. As of the date of this letter, the affected parties are:

1. EOG Resources, Inc.
5509 Champions Dr.
Midland, Texas 79706
2. Bureau of Land Management
301 Dinosaur Tr.
Santa Fe, New Mexico 87508
3. Ellipsis
3500 Maple Ave Suite 1080
Dallas, Texas 75219
4. Chevron U.S.A. Inc.
1400 Smith Street
Houston, Texas 77002
5. FR Energy
1106 Witte Rd., Ste 400
Houston, Texas 77055
6. NHPP
1106 Witte Rd., Ste 400
Houston, Texas 77055
7. Sydhan, LP
PO Box 92349
Austin, Texas 78709
8. Judith West
P O Box 1948
Cullman, AL 35056

Sincerely,

James Barwis
Land Specialist

EXHIBIT D

Notice List for Vaca 24 Fed Com #313, #513, #583 NSL Application
EOG Resources, Inc.

Application Notice:
New Mexico Oil Conservation Division
Attn: Mr. Dean McClure
1220 South St. Francis Drive
Santa Fe, NM 87505

Royalty Owners:
Bureau of Land Management
Attn: Mr. Jonathon Shepard
620 E. Green Street
Carlsbad, NM 88220
trk # 9589071052700345283493

Working Interest Owners:

EOG Resources
5509 Champions Dr
Midland, TX 79706

NHPP Permian, LLC
1106 Witte Road, Suite 400
Houston, TX 77055
trk# 9589071052700345283523

Judith A. West
P.O. Box 1948
Cullman, Alabama 35056
trk# 9589071052700345283554

Ellipsis Oil & Gas Inc. fka
Westlawn Fortuna Minerals Inc.
3500 Maple Ave., Suite 1080
Dallas, Texas 75219
trk# 9589071052700345283509

Chevron Mid-Continent, L.P.
1400 Smith Street
Houston, Texas 77002
trk# 9589071052700345283530

FR Energy, LLC
1106 Witte Road, Suite 400
Houston, TX 77055
trk# 9589071052700345283516

Sydhan LP
P.O. Box 92349
Austin, Texas 78709
trk# 9589071052700345283547



Kayla McConnell
Phone: (432) 265-6804
Email: kayla_mcconnell@eogresources.com

August 4, 2025

VIA CERTIFIED MAIL

TO: AFFECTED PARTIES

Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Vaca 24 Fed Com #583H well dedicated to the W2E2 of Section 13 & 24, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico.

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 this date with the applicant and 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 the following:

James Barwis
EOG Resources, Inc.
(432) 425-1204
James_Barwis@eogresources.com

Thank you,

A handwritten signature in black ink that reads "Kayla McConnell".

Kayla McConnell
Regulatory Specialist

EXHIBIT E



EOG Resources, Inc.
5509 Champions Drive
Midland, TX 79706
(432) 686-3600

P.O. Box 2267
Midland, TX 79702

July 25, 2025

RE: EOG Resources NSL
Application Vaca
24 Fed Com 583H

To Whom It May Concern:

A non-standard location is necessary to develop the Bone Spring formation in this section efficiently and in an economic manner. A non-standard location optimizes pressures related to the completion and production draw down of the wells and is expected to yield a higher ultimate recovery than a standard location, thereby preventing waste and protecting correlative rights.

Sincerely,

EOG Resources, Inc.

Anthony Small

Anthony Small
Reservoir Engineer

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 492221

CONDITIONS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 492221 |
| | Action Type: [UF-NSL] Non-Standard Location (NSL) |

CONDITIONS

| | | |
|------------|---|----------------|
| Created By | Condition | Condition Date |
| llowe | This well that has an increased horizontal spacing unit (HSU) area, creating a non-standard spacing unit. The operator of this well needs to obtain an NSP order (Administratively) in order to produce from this Well. The C-104 will not be approved until the NSP is obtained. | 9/17/2025 |