

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](mailto:kayla_mcconnell@eogresources.com)

### ADMINISTRATIVE NON-STANDARD LOCATION

Administrative Order NSL – 9042

**EOG Resources, Inc. [OGRID 7377]**  
**Vaca 24 Federal Well No. 313H**  
**API No. 30-025-54869**

Reference is made to your application received on August 5<sup>th</sup>, 2025.

#### Proposed Location

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	574 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

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
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 – 9042

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. 492212

NSL - 9042

RECEIVED: 08/05/25	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:** EOG Resources Inc. **OGRID Number:** 7377  
**Well Name:** Vaca 24 Fed Com #313H **API:** 30-025-54869  
**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 #313H 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 #313H well (API No. 30-025-54869). 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 574 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 #313H 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

<u>C-102</u>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>EXHIBIT A</b>  <small>Revised July 9, 2024</small> </div>
		Submittal Type: <div style="display: flex; flex-direction: column; gap: 10px;"> <div> <input type="checkbox"/> Initial Submittal         </div> <div> <input checked="" type="checkbox"/> Amended Report         </div> <div> <input type="checkbox"/> As Drilled         </div> </div>

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-54869		Pool Code 51020	Pool Name RED HILLS; LOWER BONE SPRING
Property Code 39180		Property Name VACA 24 FED COM	Well Number 313H
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	-	574' S	2367' W	N 32.1103407	W 103.5269537	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	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
640.00	INFILL	PENDING VACA 24 FED COM 224H API	Y	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 <b>COM AGREEMENT</b>	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation <b>3358'</b>
-------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------	----------------------------------------

<p><b>OPERATOR CERTIFICATION</b></p> <p><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></p> <p><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></p> <p><i>Kayla McConnell</i>                      06/17/2025</p>		<p><b>SURVEYORS CERTIFICATION</b></p> <p><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></p> <p style="text-align: center;">  </p> <p style="text-align: right;">6/9/2025 12:08:53 PM</p>	
<p>Signature _____ Date _____</p> <p style="text-align: center;"><b>KAYLA MCCONNELL</b></p>		<p>Signature and Seal of Professional Surveyor _____ Date _____</p>	
<p>Print Name _____</p> <p><b>KAYLA_MCCONNELL@EOGRESOURCES.COM</b></p>		<p>Certificate Number _____</p>	<p>Date of Survey _____</p> <p style="text-align: center;"><b>05/29/2025</b></p>
<p>E-mail Address _____</p>			

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 313H			

SURFACE LOCATION (SHL)

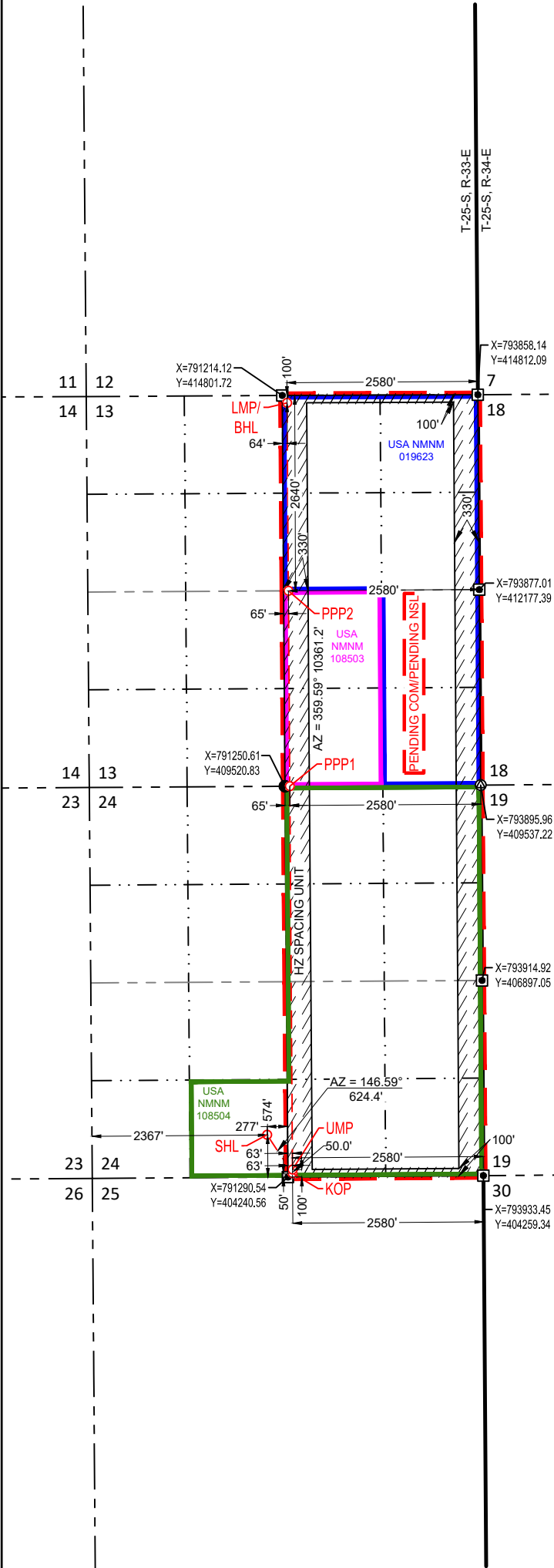
NEW MEXICO EAST  
NAD 1983  
X=791009 Y=404812  
LAT.: N 32.1103407  
LONG.: W 103.5269537  
NAD 1927  
X=749823 Y=404755  
LAT.: N 32.1102159  
LONG.: W 103.5264842  
574' FSL 2367' FWL

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.

05/29/2025

Date of Survey

Signature and Seal of Professional Surveyor:



6/9/2025 12:08:54 PM

## EXHIBIT B

NE 1/4 D	NE 1/4 C	NE 1/4 B	NE 1/4 A
SW 1/4 E	SW 1/4 F	SW 1/4 G	SW 1/4 H
NE 1/4 L	NE 1/4 K	NE 1/4 J	NE 1/4 I
SW 1/4 M	SW 1/4 N	SW 1/4 O	SW 1/4 P
NE 1/4 D	NE 1/4 C	NE 1/4 B	NE 1/4 A
SW 1/4 E	SW 1/4 F	SW 1/4 G	SW 1/4 H
NE 1/4 L	NE 1/4 K	NE 1/4 J	NE 1/4 I
SW 1/4 M	SW 1/4 N	SW 1/4 O	SW 1/4 P

## Vaca 24 Fed Com



0087135/000  
USA NMNM-108503



0009842/000  
USA NMNM-019623



0087129/000  
USA NMNM-108504

Vaca 24 Fed Com  
#313H

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 #313H 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

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



Kayla McConnell  
Phone: (432) 265-6804  
Email: [kayla\\_mcconnell@eogresources.com](mailto: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 #313H 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](mailto: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 313H

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 492212

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 492212
	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