

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**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



Kayla McConnell  
[kayla\\_mcconnell@eogresources.com](mailto:kayla_mcconnell@eogresources.com)

**ADMINISTRATIVE NON-STANDARD LOCATION**

**Administrative Order NSL – 9014**

**EOG Resources, Inc. [OGRID 7377]  
Rock Train 5 Federal Com Well No. 304H  
API No. 30-025-54701**

Reference is made to your application received on June 18<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	273 FNL & 1890 FEL	B/2	05	25S	34E	Lea
First Take Point	100 FNL & 2462 FEL	B/2	05	25S	34E	Lea
Last Take Point/ Terminus	100 FSL & 2462 FEL	O	17	25S	34E	Lea

**Proposed Horizontal Units**

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
E/2 Section 05	960.04	Red Hills; Lower Bone Spring	51020
E/2 Section 08			
E/2 Section 17			

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 – 9014  
EOG Resources, Inc.  
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 178 feet to the western edge of the horizontal spacing unit. Encroachment will impact the following tracts.

- Section 05, encroachment to the E/2 W/2
- Section 08, encroachment to the E/2 W/2
- Section 17, 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 in order to develop the formation efficiently and in an economic manner. In order to optimize pressures related to the completion of the well to yield a higher recovery of resources all while preventing waste and protect the correlative rights within the Bone Spring formation underlying the E/2 Section 05, E/2 Section 08 and the E/2 Section 17.

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.



Date: 7/25/2025

**Albert C.S. Chang, PE**  
Division Director  
AC/lrl

ID NO. 476762

NSL - 9014

Revised March 23, 2017

RECEIVED: <b>06/18/25</b>	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

<b>Applicant:</b> <u>EOG Resources Inc.</u>	<b>OGRID Number:</b> <u>7377</u>
<b>Well Name:</b> <u>Rock Train 5 Fed Com 304H</u>	<b>API:</b> <u>30-025-54701</u>
<b>Pool:</b> <u>RED HILLS; LOWER BONE SPRING</u>	<b>Pool Code:</b> <u>51020</u>

**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 ]      Well SHIPROCK 5 FED COM #706H [30-025-54701]  
 [ I ] Commingling – Storage – Measurement  
 DHC    CTB    PLC    PC    OLS    OLM  
 [ II ] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery  
 WFX    PMX    SWD    IPI    EOR    PPR

<b>FOR OCD ONLY</b>
<input type="checkbox"/> Notice Complete
<input type="checkbox"/> Application Content Complete

- 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

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

06/10/2025  
Date

432-265-6804  
Phone Number

kayla\_mcconnell@eogresources.com  
e-mail Address



Kayla McConnell  
Phone: (432) 265-6804  
Email: kayla\_mccconnell@eogresources.com

June 18, 2025

**VIA ONLINE FILING**

Gerasimos Razatos, Division Director (Acting)  
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 Rock Train 5 Fed Com 304H well dedicated to the W2E2 of Section 5, 8, & 17, Township 25 South, Range 34 East, NMPM, Lea County, New Mexico.**

Dear (Acting) Director Razatos,

EOG Resources, Inc. (OGRID No. 7377) seeks administrative approval of an unorthodox well location for its Rock Train 5 Fed Com 304H well (API No. 30-025-54701). The spacing unit dedicated to the well is comprised of the W2E2 of Section 5, 8, & 17, Township 25 South, Range 34 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 960.04 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 273 feet from the North line, 1890 feet from the East line (Lot. 2) of Section 5,
- Bottom hole location is located 100 feet from the South line, 2462 feet from the East line (Unit O) of Section 17,
- First take point is located 100 feet from the North line, 2462 feet from the East line (Lot. 2) of Section 5,
- Last take point is located 100 feet from the South line, 2462 feet from the East line (Unit O) of Section 17.

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 units in the W/2 of Section 5, 8 & 17. 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 Rock Train 5 Fed Com #304H 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,



Kayla McConnell  
Regulatory Specialist

EXHIBIT A

Revised July 9, 2024

<b>C-102</b> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>		<input type="checkbox"/> Initial Submittal
			<input checked="" type="checkbox"/> Amended Report
			<input type="checkbox"/> As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-54701</b>	Pool Code <b>51020</b>	Pool Name <b>RED HILLS; LOWER BONE SPRING</b>
Property Code <b>337111</b>	Property Name <b>ROCK TRAIN 5 FED COM</b>	Well Number <b>304H</b>
OGRID No. <b>7377</b>	Operator Name <b>EOG RESOURCES, INC.</b>	Ground Level Elevation <b>3416'</b>
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
2	5	25-S	34-E	-	273' N	1890' E	N 32.1660339	W 103.4895001	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
0	17	25-S	34-E	-	100' S	2462' E	N 32.1235437	W 103.4913934	LEA

Dedicated Acres <b>960.04</b>	Infill or Defining Well <b>INFILL</b>	Defining Well API <b>PENDING API</b>	Overlapping Spacing Unit (Y/N) <b>Y</b>	Consolidated Code <b>C</b>
Order Numbers <b>PENDING COM PENDING NSL</b>			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" 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
2	5	25-S	34-E	-	50' N	2462' E	N 32.1666470	W 103.4913457	LEA

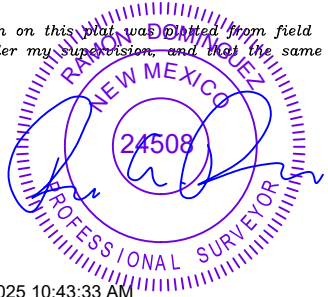
**First Take Point (FTP)**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
2	5	25-S	34-E	-	100' N	2462' E	N 32.1665096	W 103.4913459	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
0	17	25-S	34-E	-	100' S	2462' E	N 32.1235437	W 103.4913934	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>3441'</b>
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<b>OPERATOR CERTIFICATION</b> 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.		<b>SURVEYORS CERTIFICATION</b> I hereby certify that the well location shown on this plat was obtained 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.	
Signature: <i>Kayla McConnell</i> Date: <b>06/02/2025</b>		Signature and Seal of Professional Surveyor:  Date: <b>5/20/2025 10:43:33 AM</b>	
Print Name: <b>KAYLA_MCCONNELL@EOGRESOURCES.COM</b>		Certificate Number: _____ Date of Survey: <b>05/13/2025</b>	
E-mail Address: _____			

S:\SURVEY\EOG\_MERLANDROCK\_TRAIN\_5\_FED\_COM\MINERAL\_PRODUCIBLE\ROCK\_TRAIN\_5\_FED\_COM\_SHARING\CALEB\OTEN\000025\T043.MXD

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:

- Initial Submittal
- Amended Report
- As Drilled

Property Name and Well Number

ROCK TRAIN 5 FED COM 304H

**SURFACE LOCATION (SHL)**

NEW MEXICO EAST  
NAD 1983  
X=802447 Y=425162  
LAT.: N 32.1660339  
LONG.: W 103.4895001  
NAD 1927  
X=761262 Y=425104  
LAT.: N 32.1659101  
LONG.: W 103.4890273  
273' FNL 1890' FEL

**KICK OFF POINT (KOP)**

NEW MEXICO EAST  
NAD 1983  
X=801875 Y=425380  
LAT.: N 32.1666470  
LONG.: W 103.4913457  
NAD 1927  
X=760689 Y=425322  
LAT.: N 32.1665233  
LONG.: W 103.4908728  
50' FNL 2462' FEL

**UPPER MOST PERF. (UMP)**

NEW MEXICO EAST  
NAD 1983  
X=801875 Y=425330  
LAT.: N 32.1665096  
LONG.: W 103.4913459  
NAD 1927  
X=760690 Y=425272  
LAT.: N 32.1663858  
LONG.: W 103.4908730  
100' FNL 2462' FEL

**PROPOSED PERF. POINT (PPP1)**

NEW MEXICO EAST  
NAD 1983  
X=801892 Y=422795  
LAT.: N 32.1595408  
LONG.: W 103.4913536  
NAD 1927  
X=760707 Y=422737  
LAT.: N 32.1594170  
LONG.: W 103.4908811  
2635' FNL 2454' FEL

**PROPOSED PERF. POINT (PPP2)**

NEW MEXICO EAST  
NAD 1983  
X=801910 Y=420156  
LAT.: N 32.1522852  
LONG.: W 103.4913617  
NAD 1927  
X=760725 Y=420098  
LAT.: N 32.1521612  
LONG.: W 103.4908895  
0' FSL 2447' FEL

**PROPOSED PERF. POINT (PPP3)**

NEW MEXICO EAST  
NAD 1983  
X=801929 Y=417516  
LAT.: N 32.1450288  
LONG.: W 103.4913697  
NAD 1927  
X=760743 Y=417458  
LAT.: N 32.1449046  
LONG.: W 103.4908979  
2632' FSL 2450' FEL

**PROPOSED PERF. POINT (PPP4)**

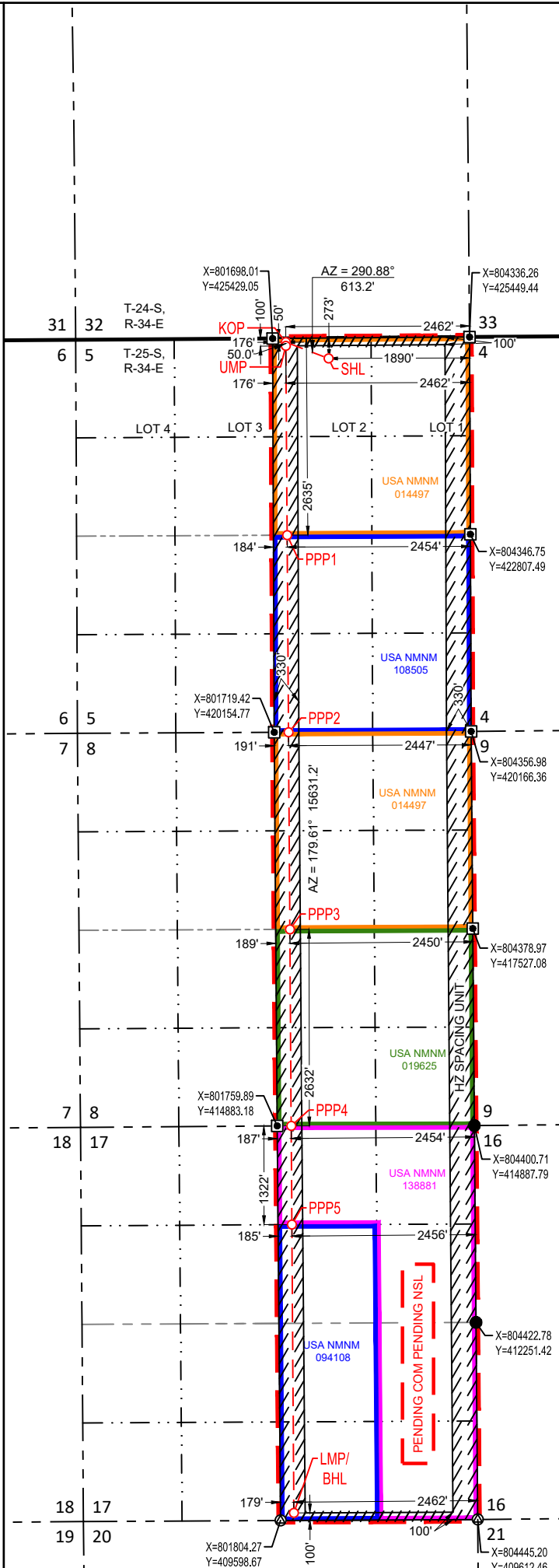
NEW MEXICO EAST  
NAD 1983  
X=801947 Y=414884  
LAT.: N 32.1377932  
LONG.: W 103.4913777  
NAD 1927  
X=760761 Y=414826  
LAT.: N 32.1376690  
LONG.: W 103.4909062  
0' FNL 2454' FEL

**PROPOSED PERF. POINT (PPP5)**

NEW MEXICO EAST  
NAD 1983  
X=801956 Y=413561  
LAT.: N 32.1341592  
LONG.: W 103.4913817  
NAD 1927  
X=760770 Y=413504  
LAT.: N 32.1340349  
LONG.: W 103.4909104  
1322' FNL 2456' FEL

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

NEW MEXICO EAST  
NAD 1983  
X=801982 Y=409700  
LAT.: N 32.1235437  
LONG.: W 103.4913934  
NAD 1927  
X=760796 Y=409642  
LAT.: N 32.1234190  
LONG.: W 103.4909245  
100' FSL 2462' FEL



T-25-S, R-34-E  
SECTION 5  
LOT 1 - 40.05 ACRES  
LOT 2 - 39.99 ACRES  
LOT 3 - 39.93 ACRES  
LOT 4 - 39.87 ACRES

**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.  
05/13/2025

Date of Survey  
Signature and Seal of Professional Surveyor:





<p>Rock Train 5 Fed Com Section 5, 8 &amp; 17 T25S-R34E LEA COUNTY, NM</p>
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<p><b>EXHIBIT B</b></p>
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Rock Train 5 Fed  
Com #304H

	L4	L3	L2	L1
5				
8				
17				

Rock Train 5 Fed Com #304H

	<p>0057336/000 USA NMNM-014497</p>
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	<p>0087128/000 USA NMNM-108505</p>
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	<p>0085356/000 USA NMNM-094108</p>
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	<p>0059113/000 USA NMNM-019625</p>
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	<p>0282651/000 USA NMNM-138881</p>
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	<p>Rock Train 5 Fed Com</p>
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<p>Operator/Working Interest Owner: EOG Resources, Inc.</p> <p>Other Working Interest Owners:</p> <p style="padding-left: 20px;">Ellipsis Oil &amp; Gas, Inc. FR Energy, LLC NHHP Permian, LLC Chevron Midcontinent, LP Sydhan, LP Judith A. West</p> <p>Mineral Owners: Bureau of Land Management</p>
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EXHIBIT C



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

June 2, 2025

**Certification of Ownership**

I have reviewed the ownership of the oil and gas leasehold in Section 5, 8 & 17, Township 25 South, Range 34 East, Lea County, New Mexico, for purposes of the unorthodox location for EOG's Rock Train 5 Fed Com #304H well located in the W2E2 of Section 5 8, & 17, Township 25 South, Range 34 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*

James Barwis  
Senior Landman

EXHIBIT D

Notice List for Rock Train Fed Com #304H  
Non-Standard Location  
EOG Resources, Inc.  
Notice List

1. EOG Resources, Inc.  
5509 Champions Dr.  
Midland, Texas 79706
2. Bureau of Land Management      Trk# 9589071052700345283370  
301 Dinosaur Tr.  
Santa Fe, New Mexico 87508
3. Ellipsis      Trk# 9589071052700345823349  
3500 Maple Ave Suite 1080  
Dallas, Texas 75219
4. Chevron U.S.A. Inc.      Trk# 9589071052700345283332  
1400 Smith Street Houston,  
Texas 77002
5. FR Energy      Trk# 9589071052700345283356  
1106 Witte Rd., Ste 400  
Houston, Texas 77055
6. NHPP      Trk# 9589071052700345283325  
1106 Witte Rd., Ste 400  
Houston, Texas 77055
7. Sydhan, LP      Trk# 9589071052700345283363  
PO Box 92349  
Austin, Texas 78709
8. Judith West      Trk#9589071052700345283318  
P O Box 1948  
Cullman, AL 35056



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

June 18, 2025

**VIA CERTIFIED MAIL**

**TO: AFFECTED PARTIES**

**Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Rock Train 5 Fed Com #304H well dedicated to the W2E2 of Section 5, 8, & 17, Township 25 South, Range 34 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) 686-3791  
[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

May 27, 2025

RE: EOG Resources NSL  
Application Rock Train 5 Fed  
Com 304H

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 476762

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 476762
	Action Type: [UF-NSL] Non-Standard Location (NSL)

**CONDITIONS**

Created By	Condition	Condition Date
llowe	None	6/24/2025