

RECEIVED: <b>08/15/22</b>	REVIEWER: <b>LRL</b>	TYPE: <b>NSL</b>	APP NO: <b>pLEL2222850733</b>
---------------------------	----------------------	------------------	-------------------------------

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:** Yukon 20 Fed Com 507H **API:** 30-025-50352  
**Pool:** Red Hills; Bone Spring North **Pool Code:** 96434

**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.**

Jordan Kessler

Print or Type Name

Jordan Kessler

Signature

Digitally signed by Jordan Kessler  
 Date: 2022.08.15 10:11:46 -06'00'

8/12/22

Date

432 488 6108

Phone Number

jordan\_kessler@eogresources.com

e-mail Address



Jordan Lee Kessler  
Phone: (432) 488-6108  
Email: jordan\_kessler@eogresources.com

August 15, 2022

**VIA ONLINE FILING**

Adrienne Sandoval, 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 Yukon 20 Fed Com 507H well in the E/2 of Sections 20 and 29, Township 24 South, Range 34 East, NMPM, Lea County, New Mexico.**

Dear Director Sandoval,

EOG Resources, Inc. (OGRID No. 7377) seeks administrative approval of an unorthodox well location for its Yukon 20 Fed Com 507H well (API No. 30-025-50352). The spacing unit dedicated to the well is comprised of the E/2 of Sections 20 and 29, Township 24 South, Range 34 East, Lea County, New Mexico and is within the Red Hills; Bone Spring, North pool (96434). The horizontal spacing unit for the well is approximately 640 acres, which includes proximity tracts. The defining well for the spacing unit is the Yukon 20 Fed Com No. 304H well (API No. 30-025-47111).

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

- The surface location is located 615 feet from the North line, 2606 feet from the West line (Unit C) of Section 20,
- The bottom hole location is located 100 feet from the South line, 2580 feet from the East line (Unit O) of Section 29,
- The first take point is located 100 feet from the North line, 2580 feet from the East line (Unit B) of Section 20,
- The last take point is located 100 feet from the South line, 2580 feet from the East line (Unit O) of Section 29.

The acreage is governed by the Division's statewide rules. Accordingly, the proposed completed interval is unorthodox because, as drilled, it is closer than the 330 feet to the western boundary. It encroaches on the spacing units in the W/2 of Sections 20 and 29. Approval of the unorthodox

location will allow EOG to use its preferred well spacing plan for horizontal wells, which will prevent waste, and reflects the as-drilled location of the well.

**Exhibit A** is the Form C-102 filed with the Division showing the location of the proposed well, including the proposed unorthodox completed interval. The proposed completed interval encroaches on the spacing unit/tracts to the west.

**Exhibit B** is a plat that shows the Yukon 20 Fed Com No. 507H well in relation to the adjoining spacing units/tracts to the west.

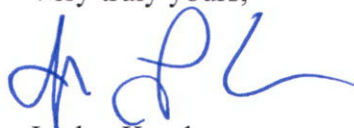
EOG is the operator of the spacing units to the west, however, ownership is diverse between the subject spacing unit and the affected spacing unit/tracts to the west. **Exhibit C** is a certification from the landman indicating that he has reviewed the tracts affected by this request. Exhibit C includes a list of the affected parties and 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 D** is a statement from a petroleum engineer providing justification for the requested non-standard location.

**Exhibit E** is the C-102 for the defining well for the spacing unit, which is the Yukon 20 Fed Com No. 304H well (API No. 30-025-47111).

Thank you for your attention to this matter.

Very truly yours,



Jordan Kessler  
Senior Regulatory Advisor



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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-50352</b>	<sup>2</sup> Pool Code <b>964 34</b>	<sup>3</sup> Pool Name <b>Red Hills BS North</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>YUKON 20 FED COM</b>	<sup>6</sup> Well Number <b>507H</b>
<sup>7</sup> OGRID No. <b>7377</b>	<sup>8</sup> Operator Name <b>EOG RESOURCES, INC.</b>	<sup>9</sup> Elevation <b>3536'</b>

<sup>10</sup>Surface Location

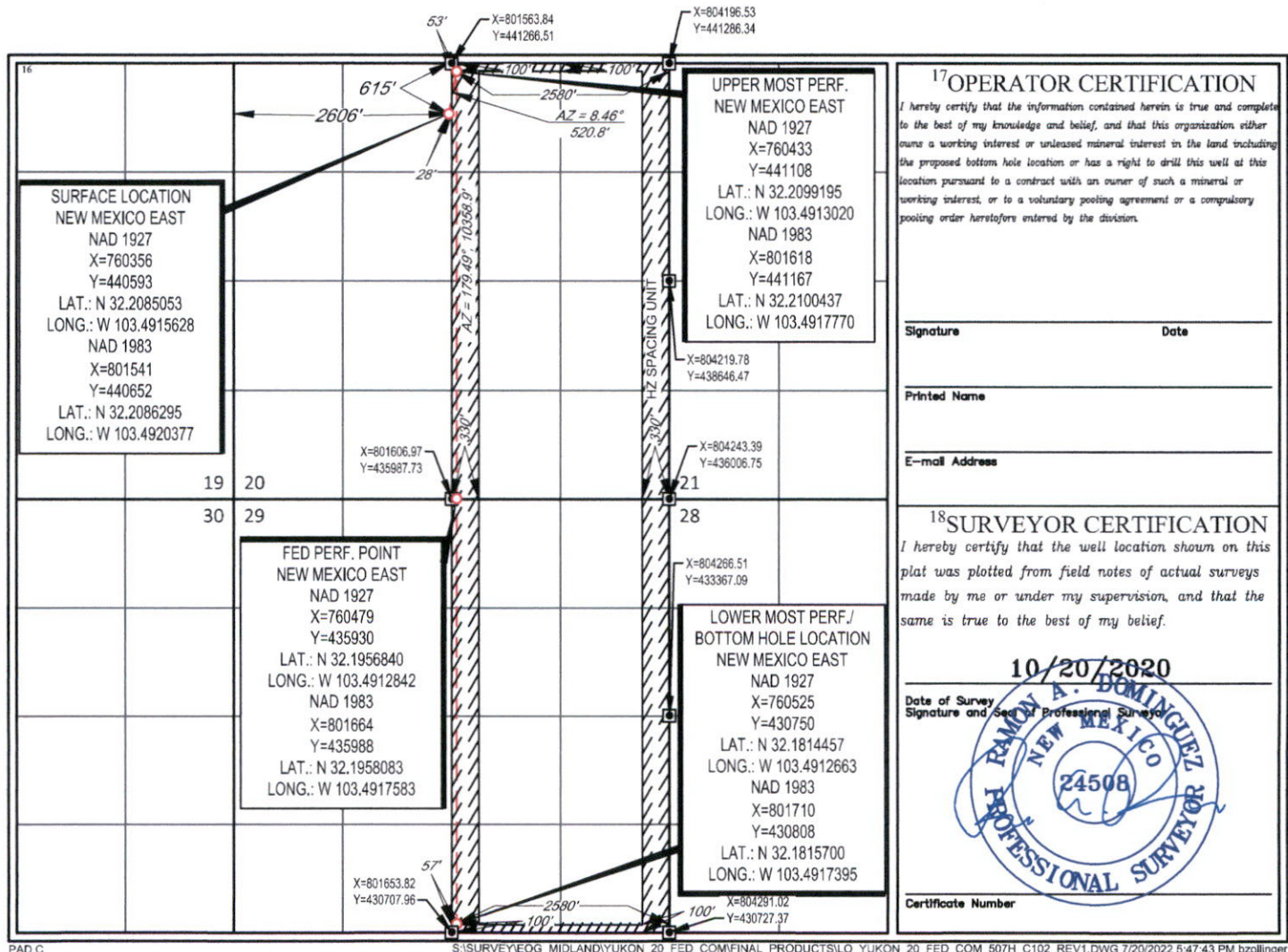
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>C</b>	<b>20</b>	<b>24-S</b>	<b>34-E</b>	<b>-</b>	<b>615'</b>	<b>NORTH</b>	<b>2606'</b>	<b>WEST</b>	<b>LEA</b>

<sup>11</sup>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
<b>O</b>	<b>29</b>	<b>24-S</b>	<b>34-E</b>	<b>-</b>	<b>100'</b>	<b>SOUTH</b>	<b>2580'</b>	<b>EAST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres <b>640.00</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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

August 8, 2020

### Certification of Ownership

I have reviewed the ownership of the oil and gas leasehold in Section 20 & 29 24S-34E, Lea County, New Mexico, for purposes of the unorthodox location for EOG's Yukon 20 Fed Com #507H well located in the NW/4NE/4 of Section 20-24S-34E. As of the date of this letter, the affected parties are:

1. EOG Resources, Inc.  
5509 Champions Dr.  
Midland, TX 79706
2. Chevron Midcontinent, L.P.  
1600 Smith, Ste 4600  
Houston, TX 77002
3. TNM Resources, LLC  
55 Waugh Dr., Ste 1200  
Houston, TX 77046
4. Bureau of Land Management  
301 Dinosaur Tr.  
Santa Fe, NM 87504

Sincerely,

**EOG Resources, Inc.**

A handwritten signature in black ink, appearing to read "RC", with a horizontal line extending to the right.

Reece Cook  
Senior Landman

Exhibit C





Jordan Lee Kessler  
Phone: (432) 488-6108  
Email: [jordan\\_kessler@eogresources.com](mailto:jordan_kessler@eogresources.com)

August 15, 2022

**VIA CERTIFIED MAIL**

**TO: AFFECTED PARTIES**

**Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Yukon 20 Fed Com 507H well in the E/2 of Sections 20 and 29, Township 24 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:

Reece Cook  
EOG Resources, Inc.  
(432) 848-9216  
[Reece\\_Cook@eogresources.com](mailto:Reece_Cook@eogresources.com)

Very truly yours,

A handwritten signature in blue ink, appearing to read "J. Kessler", written over a horizontal line.

Jordan Kessler  
Senior Regulatory Advisor

Well Name	Date NSL Sent	Owners NSL Sent to
Yukon 20 Fed Com #507H	8/15/2022	Bureau of Land Management Chevron Midcontinent, LP TNM Resources, LLC



**Certified Mail Tracking #**

7020 3160 0000 1249 6247

7020 3160 0000 1249 6254

7020 3160 0000 1249 6261



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

August 8, 2021

Re: EOG Resources NSL Application  
Yukon 20 Fed Com #507H

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 drawdown of the wells and is expected to yield a higher ultimate recovery than a standard location, thereby preventing waste and protecting correlative rights.

Sincerely,

A handwritten signature in blue ink, appearing to be "TZ", written over a horizontal line.

EOG Resources  
Tony Tran  
Reservoir Engineer

Exhibit D

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-47111	<sup>2</sup> Pool Code 96434	<sup>3</sup> Pool Name RED HILLS; BONE SPRING, NORTH
<sup>4</sup> Property Code 327233	<sup>5</sup> Property Name YUKON 20 FED COM	<sup>6</sup> Well Number 304H
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.	<sup>9</sup> Elevation 3535'

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	24-S	34-E	-	495'	NORTH	2277'	EAST	LEA

<sup>11</sup>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
0	29	24-S	34-E	-	100'	SOUTH	1519'	EAST	LEA

<sup>12</sup> Dedicated Acres 640.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

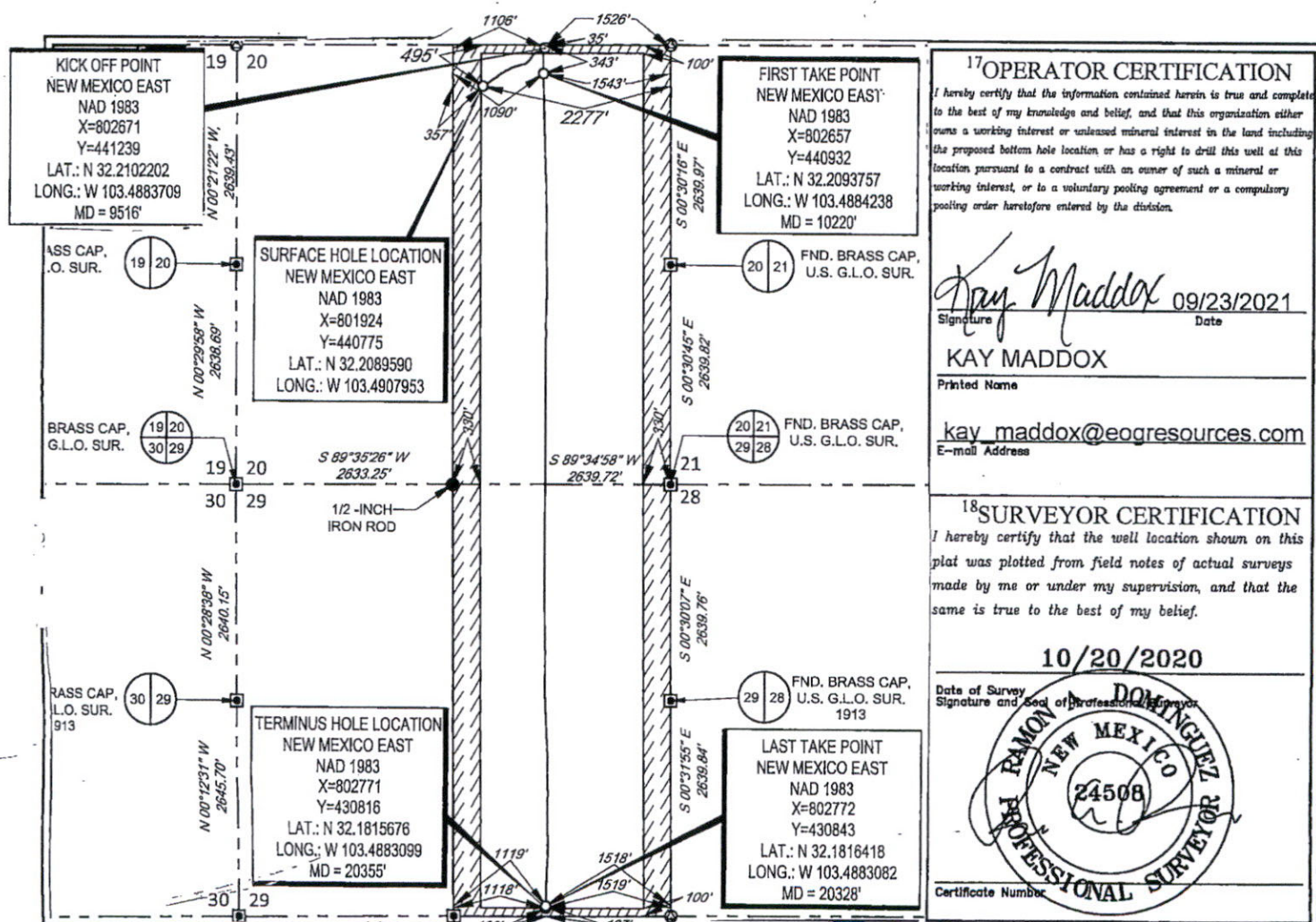


Exhibit E

**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**

COMMENTS  
  
Action 133866

COMMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 133866
	Action Type: [UF-NSL] Non-Standard Location (NSL)

COMMENTS

Created By	Comment	Comment Date
llowe	Pending 20 Day Public Notice timeframe. OCD verified Administratively Correct.	8/16/2022



**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 133866

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 133866
	Action Type: [UF-NSL] Non-Standard Location (NSL)

**CONDITIONS**

Created By	Condition	Condition Date
llowe	NSL - 8425 is approved. The approved Order can be retrieved at the following OCD website link. <a href="https://ocdimage.emnrd.nm.gov/imaging/AEOrderCriteria.aspx">https://ocdimage.emnrd.nm.gov/imaging/AEOrderCriteria.aspx</a>	8/16/2022