

**From:** [Lowe, Leonard, EMNRD](#)  
**To:** [Jordan Kessler](#)  
**Subject:** RE: [EXTERNAL] EOG NSL applications status and withdraw  
**Date:** Wednesday, April 20, 2022 11:14:00 AM  
**Attachments:** [image001.png](#)  
**Importance:** High

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Ms. Kessler,

Ms. Kessler,

OCD will withdraw the two NSL applications stated below.

Thank you,

**Leonard R. Lowe**

Engineering Bureau

OCD - EMNRD

5200 Oakland Ave. NE

Albuquerque, N.M. 87113

C: 505-930-6717

<http://www.emnrd.state.nm.us/ocd/>

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**From:** Jordan Kessler <Jordan\_Kessler@eogresources.com>  
**Sent:** Wednesday, April 20, 2022 11:01 AM  
**To:** Lowe, Leonard, EMNRD <Leonard.Lowe@state.nm.us>  
**Subject:** [EXTERNAL] EOG NSL applications status and withdraw

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Leonard,

I apologize for not sending this email earlier. EOG respectfully requests withdraw of the following NSL applications:

Fearless 23 Fed Com 725H (API 30-025-49689) Action ID 86172

Resolute 12 Fed Com No. 501H API No. 30-025-47596 Action ID 88383

—  
We have a few remaining NSL applications that I would like to leave in place for your consideration, including:

Rattlesnake 742H: Action ID 87150

Rattlesnake 744H Action ID 87167

Merciless 13 Fed Com 508H Action ID 98435

Thank you! Please let me know if you have any questions, and have a nice (windy) day.

Jordan

**Jordan Kessler**

Senior Regulatory Advisor



125 Lincoln Avenue, Suite 213

Santa Fe, NM 87501

Mobile: (432) 488-6108

Office: (575) 748-4158

[jordan\\_kessler@eogresources.com](mailto:jordan_kessler@eogresources.com)

RECEIVED: <b>03/08/22</b>	REVIEWER: <b>LRL</b>	TYPE: <b>NSL</b>	APP NO: <b>pLEL2207360157</b>
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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:** Resolute 12 Fed Com No. 501H **API:** 30-025-47596  
**Pool:** WC-02 G-08 S2532356; Lower Bone Spring **Pool Code:** 97903

**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	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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 L Kessler  
Date

Print or Type Name

Signature

03/08/22  
Date

4324886108  
Phone Number

jordan\_kessler@eogresources.com  
e-mail Address



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

March 8, 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 Resolute 12 Fed Com No. 501H well in the W/2W/2 of Sections 1 and 12, Township 25 South, Range 32 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 Resolute 12 Fed Com No. 501H well (API No. 30-025-47596). This well has been drilled but not yet completed. The spacing unit dedicated to the well is comprised of the W/2W/2 of Sections 1 and 12, Township 25 South, Range 32 East, Lea County, New Mexico and is within the WC-025 G-08 S2532356; Lower Bone Spring pool. The horizontal spacing unit for the well is approximately 640.63 acres, which includes proximity tracts. The defining well for the spacing unit is the Resolute 12 Fed Com No. 503H well (API No. 30-025-47598).

The well has been drilled and is proposed to be completed as follows:

- The surface location is located 836 feet from the South line, 553 feet from the West line (Unit M) of Section 12,
- The bottom hole location, as drilled, is located 110 feet from the North line, 295 feet from the West line (Lot 4) of Section 1,
- The first take point is located 248 feet from the South line, 280 feet from the West line (Unit M) of Section 12,
- The last take point is located 110 feet from the North line, 295 feet from the West line (Lot 4) of Section 1.

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 E/2E/2 of Sections 2 and 11. 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** shows the location of the as-drilled well, including the proposed unorthodox completed interval, of the Resolute 12 Fed Com No. 501H well. The proposed completed interval encroaches on the spacing unit/tracts to the west.

**Exhibit B** is the Form C-102 filed with the Division.

**Exhibit C** is a plat that shows the proposed Resolute 12 Fed Com No. 501H 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 D** is a certification from the landman indicating that he has reviewed the tracts affected by this request. Exhibit D includes a list of the affected parties and proof that a copy of this application with all attachments has been sent by certified mail 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** is a statement from a petroleum engineer providing justification for the requested non-standard location.

Thank you for your attention to this matter.

Very truly yours,



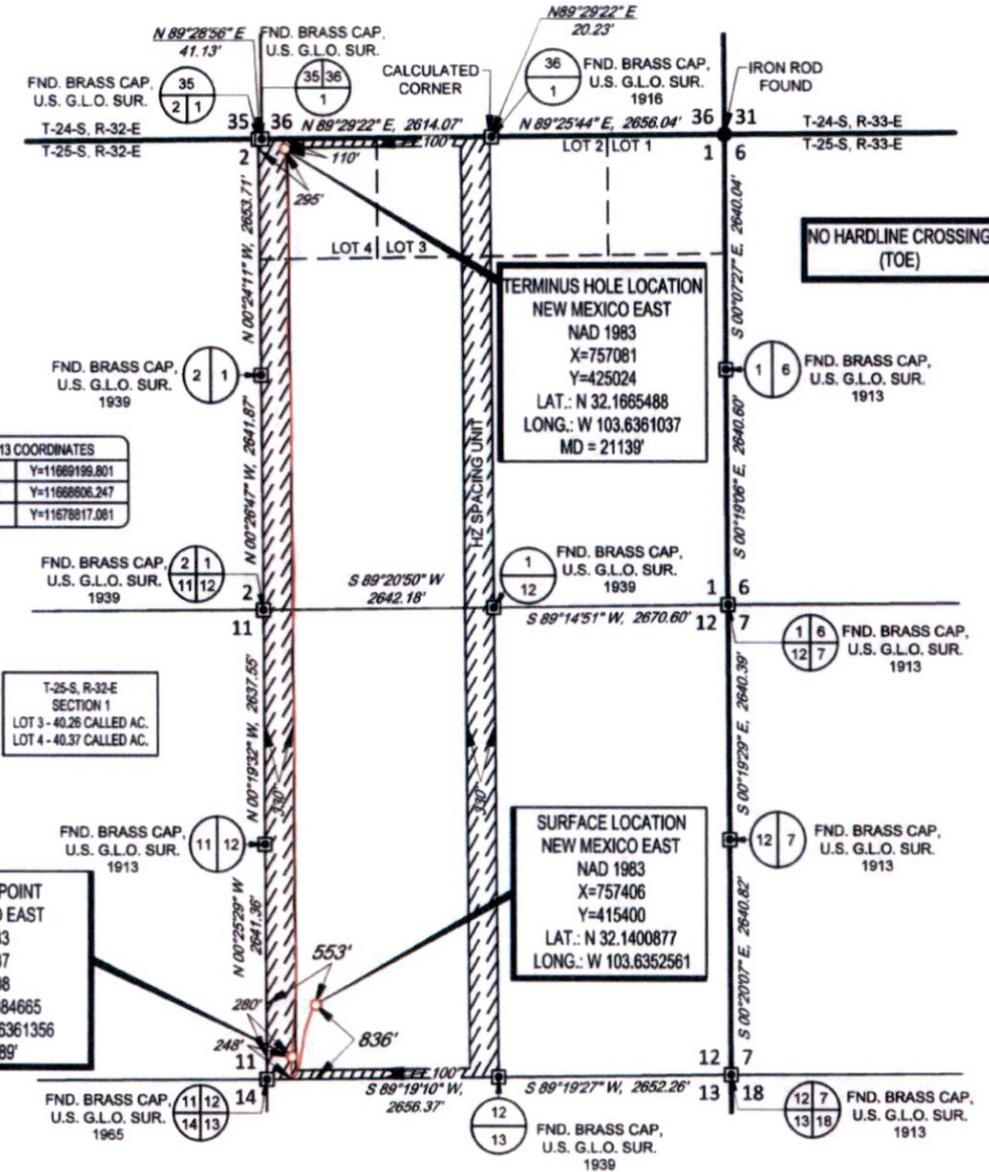
Jordan Kessler  
Senior Regulatory Advisor

SCALE: 1" = 2000'  
 0' 1000' 2000'

SECTION 12, TOWNSHIP 25-S, RANGE 32-E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

PBTD = 21,108'

POINT	UTM ZONE 13 COORDINATES	
SHL	X=2062713.601	Y=11669199.801
FTP	X=2062449.313	Y=11668806.247
THL	X=2062329.078	Y=11678817.081



LEASE NAME & WELL NO.: RESOLUTE 12 FED COM 501H  
 SECTION 12 TWP 25-S RGE 32-E SURVEY N.M.P.M.  
 COUNTY LEA STATE NM ELEVATION 3486'  
 DESCRIPTION 836' FSL & 553' FWL

INTERNAL  
 PRE-COMPLETION  
 PLAT

Signature:

**TOPOGRAPHIC**  
 LOYALTY INNOVATION LEGACY  
 1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140  
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
 TEXAS FIRM REGISTRATION NO. 10042504  
 WWW.TOPOGRAPHIC.COM

Ramon A. Dominguez, P.S. No. 24508  
 February 16, 2022

**eg resources, Inc.**

RESOLUTE 12 FED COM 501H PRE-COMPLETION	REVISION:
DATE: 02/16/22	
FILE: C_RESOLUTE_12_FED_COM_501H	
DRAWN BY: SAR	
SHEET: 2 OF 2	

NOTES:  
 1. ORIGINAL DOCUMENT SIZE 8.5" X 11"  
 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.  
 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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

**OCd - HOBBS**  
**08/18/2020**  
**RECEIVED**

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025- <b>30-025-47596</b>		<sup>2</sup> Pool Code 97903	<sup>3</sup> Pool Name WC-025 G-08 S2532356; LOWER BONE SPRING
<sup>4</sup> Property Code 329310	<sup>5</sup> Property Name RESOLUTE 12 FED COM		<sup>6</sup> Well Number 501H
<sup>7</sup> OGRID No. 7377	<sup>8</sup> Operator Name EOG RESOURCES, INC.		<sup>9</sup> Elevation 3486'

<sup>10</sup>Surface Location

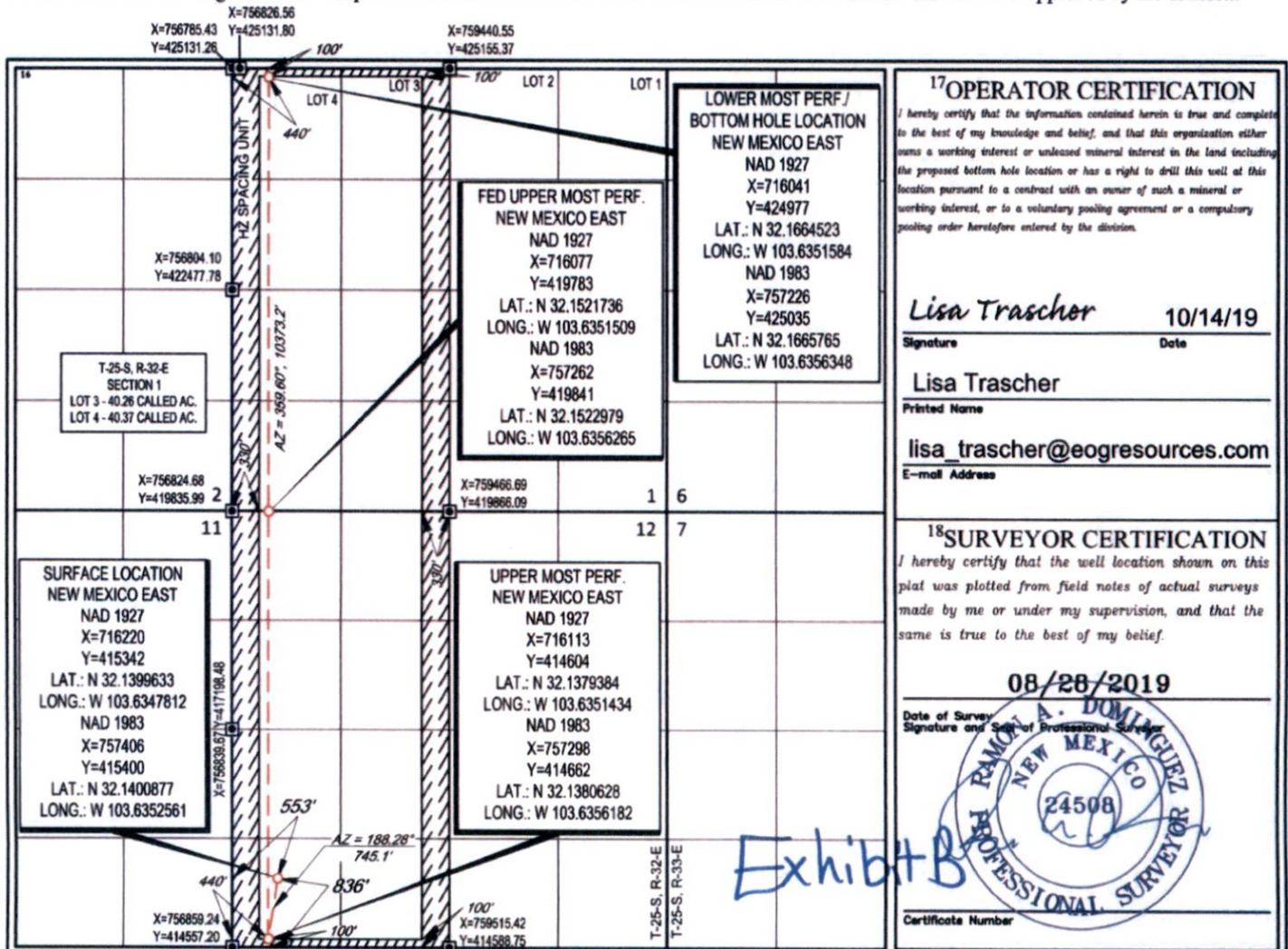
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	12	25-S	32-E	-	836'	SOUTH	553'	WEST	LEA

<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
4	1	25-S	32-E	-	100'	NORTH	440'	WEST	LEA

<sup>12</sup> Dedicated Acres 640.63	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



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

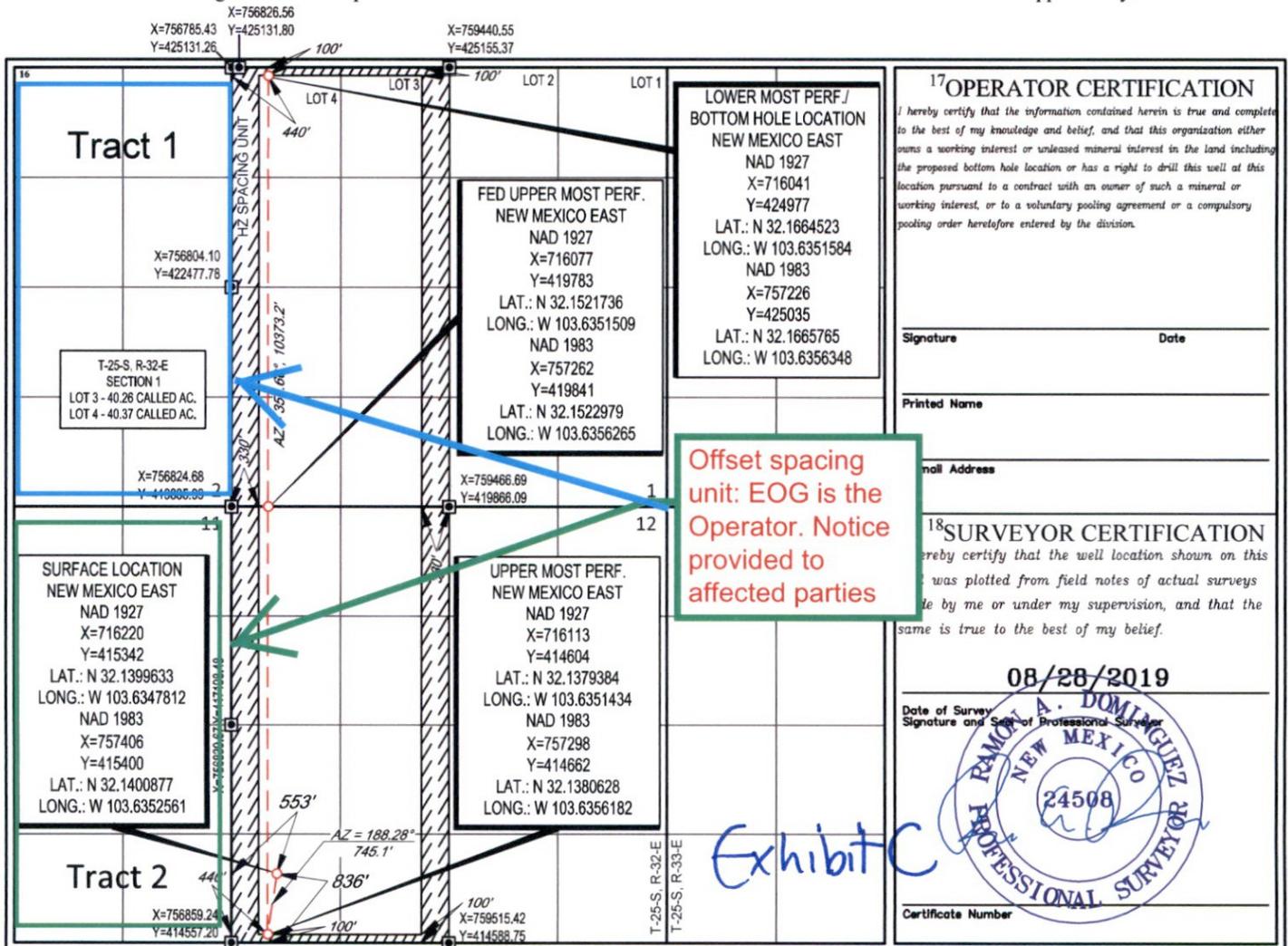
State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name					
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>RESOLUTE 12 FED COM</b>		<sup>6</sup> Well Number <b>501H</b>					
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name <b>EOG RESOURCES, INC.</b>		<sup>9</sup> Elevation <b>3486'</b>					
<sup>10</sup> Surface Location									
UL or lot no. <b>M</b>	Section <b>12</b>	Township <b>25-S</b>	Range <b>32-E</b>	Lot Idn <b>-</b>	Feet from the <b>836'</b>	North/South line <b>SOUTH</b>	Feet from the <b>553'</b>	East/West line <b>WEST</b>	County <b>LEA</b>
<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no. <b>4</b>	Section <b>1</b>	Township <b>25-S</b>	Range <b>32-E</b>	Lot Idn <b>-</b>	Feet from the <b>100'</b>	North/South line <b>NORTH</b>	Feet from the <b>440'</b>	East/West line <b>WEST</b>	County <b>LEA</b>
<sup>12</sup> Dedicated Acres <b>640.63</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.



**17 OPERATOR CERTIFICATION**  
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.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_

**18 SURVEYOR 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 to the best of my belief.

Date of Survey **08/28/2019**  
Signature and Seal of Professional Surveyor  
**RAMON A. DOMINGUEZ**  
NEW MEXICO  
24508  
PROFESSIONAL SURVEYOR

Exhibit C



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

March 4, 2022

### Certification of Ownership

I have reviewed the ownership of the oil and gas leasehold in Sections 2 & 11 -25S-32E, Lea County, New Mexico, for purposes of the unorthodox location for EOG's Resolute 12 Fed Com #501H well located in the W/2W/2 of Sections 1&12-25S-32E. As of the date of this letter, the affected parties are:

1. EOG RESOURCES INC  
5509 CHAMPIONS DR.  
MIDLAND, TX 79706
2. BUREAU OF LAND MANAGEMENT  
301 DINOSAUR TR.  
SANTA FE, NM 87508
3. MCCLELLAN OIL CORPORATION  
P O BOX 730  
ROSWELL, NM 88202-0730
4. DAVID PETROLEUM CORPORATION  
116 WEST FIRST STREET  
ROSWELL, NM 88201-0000
5. TOLES COMPANY  
P O BOX 1300  
ROSWELL, NM 88202-1300
6. XTO ENERGY INC. AN EXXONMOBIL SUBSIDIARY  
22777 SPRINGWOODS VILLAGE PKWAY, #115  
SPRING, TX 77389
7. SHARBRO ENERGY LLC  
P O BOX 840  
ARTESIA, NM 88211-0840
8. MAGNUM HUNTER PRODUCTION INC  
600 N. MARIENFELD ST., SUITE 600  
MIDLAND, TX 79701
9. OXY Y-1 COMPANY  
PO BOX 27570  
HOUSTON, TX 77227

Exhibit D



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

10. NEW MEXICO STATE LAND OFFICE  
P. O. BOX 1148  
SANTA FE, NEW MEXICO 87504

Sincerely,

EOG Resources, Inc.

*Matthew Gray*

Matthew Gray  
Landman



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

March 8, 2022

**VIA CERTIFIED MAIL**

**TO: ALL AFFECTED PERSONS**

**Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Resolute 12 Fed Com No. 501H well in the W/2W/2 of Sections 1 and 12, Township 25 South, Range 32 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:

Matthew Gray  
EOG Resources, Inc.  
(432) 686-3633  
[Matthew\\_gray@eogresources.com](mailto:Matthew_gray@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	Certified Mail Tracking #
Resolute 12 Fed Com #501H	3/8/2022	Tract 1: New Mexico State Land Office	7021 0950 0000 5467 5856
		Tract 1: OXY Y-1 Company	7021 0950 0000 5467 5863
		Tract 2: Bureau of Land Management	7021 0950 0000 5467 5870
		Tract 2: McClellan Oil Corporation	7021 0950 0000 5467 5023
		Tract 2: David Petroleum Corporation	7021 0950 0000 5467 8987
		Tract 2: The Toles Company	7021 0950 0000 5467 8994
		Tract 2: XTO Energy Inc.	7021 0950 0000 5467 9007
		Tract 2: Sharbro Energy, LLC	7021 0950 0000 5467 9014
		Tract 2: Magnum Hunter Production Inc.	7021 0950 0000 5467 9021



March 4<sup>th</sup>, 2022

Re: EOG Resources, Inc. NSL Application  
Resolute 12 Fed Com #501H (Well)  
SW/SW Section 12 & NW/NW Section 1, T25S-R32E  
Lea County, New Mexico

To Whom It May Concern:

Considering the distance between wells in the development plan for the Lower Bone Spring formation in Sections 12 & 1, T25S-R32E, EOG believes this non-standard location is necessary to develop the Lower Bone Spring resource in an economic fashion. The non-standard location also reflects the as-drilled location of the well. Based on analog Lower Bone Spring wells along with geologic analysis, EOG believes placing the well at this location maintains optimal spacing to continue development of resources in the formation. Granting the exception will allow for more total production from the section and more efficient development of the asset therefore protecting correlative rights.

Sincerely

**EOG Resources, Inc.**

Matthew Williamson  
Sr. Reservoir Engineer

Exhibit E