

Revised March 23, 2017

ID NO. 322447

NSL - 8739

RECEIVED: 03/12/24	REVIEWER:	TYPE:	APP NO: pLEL2407331817
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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: Rattlesnake 28 Fed Com 510H **API:** 30-025-52618
Pool: Bradley; Bone Spring **Pool Code:** 7280

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.

Lisa Youngblood

Print or Type Name

03/12/2024

Date

432-247-6331

Phone Number

lisa_youngblood@eogresources.com

e-mail Address

Signature



Lisa Youngblood
Phone: (432) 247-6331
Email: lisa_youngblood@eogresources.com

March 12, 2024

VIA ONLINE FILING

Dylan Fuge, OCD 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 Rattlesnake 28 Fed Com 510H well dedicated to the E2E2 of Section 28 and NENE and Lot 1 of Section 33, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico.

Dear Director Fuge,

EOG Resources, Inc. (OGRID No. 7377) seeks administrative approval of an unorthodox well location for its Rattlesnake 28 Fed Com 510H well (API No. 30-025-52618). The spacing unit dedicated to the well is comprised of the E2E2 of Section 28 and NENE and Lot 1 of Section 33, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico and is within the Bradley; Bone Spring (7280). The horizontal spacing unit for the well is approximately 236.71 acres and does not include proximity tracts.

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

- The surface location is located 1240 feet from the North line, 1172 feet from the East line (Unit A) of Section 28,
- The bottom hole location is located 100 feet from the South line, 1040 feet from the East line (Lot 1) of Section 33,
- The first take point is located 100 feet from the North line, 1040 feet from the East line (Unit A) of Section 28,
- The last take point is located 100 feet from the South line, 1040 feet from the East line (Lot 1) of Section 33,

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 W2E2 of Section 28 and NWNE and Lot 2 of Section 33. Approval of the

unorthodox location will allow EOG to use its preferred well spacing plan for horizontal wells, which will prevent waste.

Exhibit A is the pending C-102 sundry that shows a change in the horizontal lateral, spacing unit, and well number change. This plat also shows 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. The second page of Exhibit A is the approved original C-102 in the APD.

Exhibit B is a plat that shows the Rattlesnake 28 Fed Com 510H well in relation to the adjoining spacing units/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 **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 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,



Lisa Youngblood
Regulatory Specialist

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) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-52618		Pool Code 7280		Pool Name Bradley; Bone Spring					
Property Code 315317		Property Name RATTLESNAKE 28 FED COM						Well Number 510H	
OGRID No. 7377		Operator Name EOG RESOURCES, INC.						Elevation 3242'	

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	26-S	33-E	-	1240'	NORTH	1172'	EAST	LEA

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
1	33	26-S	33-E	-	100'	SOUTH	1040'	EAST	LEA

Dedicated Acres 236.71	Joint or Infill	Consolidated Code	Order No. NMNM105305679
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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.

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=777144 Y=371229
LAT.: N 32.0183066
LONG.: W 103.5724972

NAD 1927
X=735956 Y=371172
LAT.: N 32.0181813
LONG.: W 103.5720315

1240' FNL 1172' FEL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=777267 Y=372419
LAT.: N 32.0215764
LONG.: W 103.5720711

NAD 1927
X=736080 Y=372362
LAT.: N 32.0214511
LONG.: W 103.5716053

50' FNL 1040' FEL

UPPER MOST PERF. (UMP)

NEW MEXICO EAST
NAD 1983
X=777268 Y=372369
LAT.: N 32.0214389
LONG.: W 103.5720711

NAD 1927
X=736080 Y=372313
LAT.: N 32.0213136
LONG.: W 103.5716053

100' FNL 1040' FEL

FED PERF. POINT (FPP1)

NEW MEXICO EAST
NAD 1983
X=777286 Y=369829
LAT.: N 32.0144569
LONG.: W 103.5720710

NAD 1927
X=736098 Y=369773
LAT.: N 32.0143315
LONG.: W 103.5716056

2638' FSL 1040' FEL

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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Star L Harrell

3/6/2024

Signature

Date

Star L Harrell

Print Name

star_harrell@eogresources.com

E-mail Address

T26S-R33E
SECTION 33
LOT 1 - 36.71 ACRES
LOT 2 - 36.92 ACRES
LOT 3 - 37.14 ACRES
LOT 4 - 37.35 ACRES

Exhibit A, page 1

FED PERF. POINT (FPP2)

NEW MEXICO EAST
NAD 1983
X=777295 Y=368510
LAT.: N 32.0108305
LONG.: W 103.5720709

NAD 1927
X=736107 Y=368453
LAT.: N 32.0107052
LONG.: W 103.5716058

1319' FSL 1041' FEL

FED PERF. POINT (FPP3)

NEW MEXICO EAST
NAD 1983
X=777304 Y=367191
LAT.: N 32.0072042
LONG.: W 103.5720709

NAD 1927
X=736116 Y=367134
LAT.: N 32.0070788
LONG.: W 103.5716059

0' FNL 1042' FEL

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

NEW MEXICO EAST
NAD 1983
X=777322 Y=364761
LAT.: N 32.0005243
LONG.: W 103.5720707

NAD 1927
X=736133 Y=364704
LAT.: N 32.0003989
LONG.: W 103.5716062

100' FSL 1040' 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.

02/23/2024

Date of Survey

Signature and Seal of Professional Surveyor:

RAMON DOMINGUEZ

NEW MEXICO

24508

PROFESSIONAL SURVEYOR

3/1/2024 4:04:52 PM

Released to Imaging: 5/6/2024 10:58:02 AM

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

¹ API Number 30-025-52618	² Pool Code 7280	³ Pool Name Bradley; Bone Spring
⁴ Property Code 315317	⁵ Property Name RATTLESNAKE 28 FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 402H
		⁹ Elevation 3242'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	26-S	33-E	—	1300'	NORTH	1232'	EAST	LEA

¹¹Bottom 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
2	33	26-S	33-E	—	2433'	NORTH	1716'	EAST	LEA

¹² Dedicated Acres 236.04	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

**UPPER MOST PERF.
NEW MEXICO EAST**
NAD 1927
X=735404
Y=372311
LAT.: N 32.0213213
LONG.: W 103.5737864
NAD 1983
X=776592
Y=372367
LAT.: N 32.0214466
LONG.: W 103.5742523

**LOWER MOST PERF./
BOTTOM HOLE LOCATION**
NEW MEXICO EAST
NAD 1927
X=735457
Y=364699
LAT.: N 32.0003977
LONG.: W 103.5737867
NAD 1983
X=776646
Y=364756
LAT.: N 32.0005231
LONG.: W 103.5742513

**SURFACE LOCATION
NEW MEXICO EAST**
NAD 1927
X=735896
Y=371112
LAT.: N 32.0180171
LONG.: W 103.5722259
NAD 1983
X=777084
Y=371169
LAT.: N 32.0181424
LONG.: W 103.5726916

**FED PERF. POINT
NEW MEXICO EAST**
NAD 1927
X=735433
Y=368453
LAT.: N 32.0107160
LONG.: W 103.5737817
NAD 1983
X=776621
Y=368509
LAT.: N 32.0108413
LONG.: W 103.5742470

**FED PERF. POINT
NEW MEXICO EAST**
NAD 1927
X=735442
Y=367132
LAT.: N 32.0070865
LONG.: W 103.5737801
NAD 1983
X=776630
Y=367189
LAT.: N 32.0072119
LONG.: W 103.5742451

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.

Lisa Trascher 9/21/2020

Signature Date

Lisa Trascher

Printed Name

lisa_trascher@eogresources.com

E-mail Address

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.

10/29/2019

Date of Survey

Signature and Seal of Professional Surveyor

RAMON DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number



RATTLESNAKE 28 FED COM
Sec. 28 & N2N2 & Lots 1-4 of Sec. 33
T26S-R33E Lea County

All of

Fee Leases

USA NMNM-121490

USA NMNM-084898

USA NMNM-02965-A

Bone Spring Spacing Units

Rattlesnake 28 Fed Com #510H: E2E2 Spacing Unit

Exhibit B



5509 Champions Dr., Midland, Texas 79706
Phone: (432) 686-3600 Fax: (432) 686-3773

March 11, 2024

Certification of Ownership

I have reviewed the ownership of the oil and gas leasehold in Sections 28 & 33, T26S-R33E, Lea County, New Mexico, for purposes of the unorthodox location for EOG Resources, Inc.'s Rattlesnake 28 Fed Com #510H Well in the E2E2 of Sections 28 & 33. The affected parties in the W2E2 are:

EOG Resources, Inc. 5509 Champions Drive Midland, Texas 79706
Chief Capital O&G II, LLC 8111 Westchester Drive, Ste 900 Dallas, TX 75225
Pontem Energy Partners I, LP 9001 Airport Freeway, Ste 825 North Richland Hills, TX 76180
Ellipsis Oil & Gas, Inc. 3500 Maple Ave, Ste 1080 Dallas, TX 75219
KMF Land, LLC 1401 Lawrence Street, Ste 1750 Denver, CO 80202
Bureau of Land Management 301 Dinosaur Trail Santa Fe, New Mexico 87508

EOG Resources, Inc.

A handwritten signature in black ink that reads "James Barwis".

James Barwis
Sr. Landman
March 11, 20214

Exhibit C

energy **opportunity** growth

NSL Application for Rattlesnake 28 Fed Com 214H, 510H, 512H
EOG Resources, Inc.
EXHIBIT A- Notice List

New Mexico Oil Conservation Division
Attn: Mr. Leonard Lowe
1220 South St. Francis Drive
Santa Fe, NM 87505
Via NMOC Online

Bureau of Land Management
Attn: Jonathon Shepard
620 E. Green Street
Carlsbad, NM 88220
7021 2720 0000 6696 7753

EOG Resources
5509 Champions Dr
Midland TX, 79706

Ellipsis Oil & Gas Inc.
FKA Westlawn Fortuna Inc.
3500 Maple Ave, STE 1080
Dallas, TX 75219
7021 2720 0000 6696 7760

KMF Land LLC, DBA Sitio Permian LP
1401 Lawrence St
Suite 1750
Denver, CO 80202
7021 2720 0000 6696 7777

Cheif Capital O&G II LLC
Attn: Lacy Roberson
8111 Westchester Drive, STE 900
Dallas, TX 75225
7021 2720 0000 6696 7784

Pontem Energy Partners I LP
FKA Covenant Natural Resources
9001 Airport Freeway, STE 825
N Richland Hills, TX 76180-7795
7021 2720 0000 6696 7791

Exhibit D



Lisa Youngblood
Phone: (432) 247-6331
Email: lisa_youngblood@eogresources.com

March 12, 2024

VIA CERTIFIED MAIL

TO: AFFECTED PARTIES

Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Rattlesnake 28 Fed Com 510H well dedicated to the E2E2 of Section 28 and NENE and Lot 1 of Section 33, Township 26 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

Very truly yours,

A handwritten signature in black ink that reads "Lisa Youngblood".

Lisa Youngblood
Regulatory Specialist



March 11, 2024

Re: EOG Resources, Inc. NSL Application
Rattlesnake 28 Fed Com #510H

To Whom it may concern:

A non-standard location is necessary to develop the Bone Spring resource in an economic fashion. The non-standard location also reflects the as-drilled location of the well. Based on analog 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.

A handwritten signature in black ink, appearing to read "Price Hernandez", is written over a large, horizontal, oval-shaped line that serves as a baseline for the signature.

Price Hernandez
Senior Reservoir Engineer

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

CONDITIONS

Action 322447

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 322447
	Action Type: [UF-NSL] Non-Standard Location (NSL)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	3/13/2024