

RECEIVED: 5-12-2017	REVIEWER: LRL	TYPE: NSL	APP NO: OKSC1713548678
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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:** Antietam 9 Fed Com No. 704H Well.**API:** 30-055-43480**Pool:** within the WC-025 G-09 S253309A; Upper Wolfcamp**Pool Code:** 98180

**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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ 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 L. Kessler

Print or Type Name

Signature

05/12/17

Date

505-988-4421

Phone Number

jlkessler@hollandhart.com

e-mail Address

HOLLAND & HART^{LLP}



Jordan L. Kessler

Associate

Phone (505) 954-7286

Fax (505) 983-6043

JLKessler@hollandhart.com

May 12, 2017

VIA HAND DELIVERY

David Catanach
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Antietam 9 Fed Com No. 704H Well in the E/2 W/2 of Section 9 and the E/2 NW/4 of Section 16, Township 25 South, Range 33 East, N.M.P.M., Lea County, New Mexico.

Dear Mr. Catanach:

EOG Resources, Inc. (OGRID No. 7377) seeks administrative approval of an unorthodox well location for its **Antietam 9 Fed Com No. 704H Well** to be completed within the WC-025 G-09 S253309A; Upper Wolfcamp (Pool Code 98180) underlying Sections 9 and 16, Township 25 South, Range 33 East, N.M.P.M., Lea County, New Mexico. This well will be drilled from a surface location 164 feet from the North line and 2,033 feet from the West line (Unit C) of Section 9. The upper most perforation will be located 330 feet from North line and 1,365 feet from the West line (Unit C) of Section 9 and the lower most perforation will be 2,310 feet from the North line and 1,363 feet from the West line (Unit D) of Section 16. Since this acreage is governed by the Division's statewide rules which provides for wells to be located no closer than 330 feet to the outer boundary of the spacing unit, the completed interval for this well will be unorthodox because it is closer than 330 feet to the western, southwestern, and northwestern boundaries of the project area.

Ownership is identical in the W/2 of Section 9 and the NW/4 of Section 16. EOG has permitted and will be the operator of three wells dedicated to the W/2 W/2 of Section 9 and the W/2 NW/4 of Section 16: the Antietam 9 Fed Com No. 701H, the Antietam 9 Fed Com No. 702H, and the Antietam 9 Fed Com No. 703H. Approval of the unorthodox completed interval will allow EOG to use their preferred well spacing plan for horizontal wells in this area and thereby prevent waste.

Holland & Hart^{LLP}

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Boulder Carson City Colorado Springs Denver Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C. ☐



Exhibit A is a draft Well Location and Acreage Dedication Plat (Form C-102), which shows that the completed interval of the proposed **Antietam 9 Fed Com No. 704H Well** encroaches on the spacing and proration units to the West, Northwest, and Southwest.

Exhibit B is a land plat for Sections 9 and 16 and the surrounding sections that shows the proposed **Antietam 9 Fed Com No. 704H Well** in relation to adjoining units and existing wells.

Exhibit C is a list of the parties affected by the encroachment to the Northwest. As described above, ownership is identical throughout the W/2 of Section 9 and the NW/4 of Section 16. Accordingly, there are no affected parties in the spacing units to the West or Southwest of the proposed well. Each of the parties listed on Exhibit C have been provided notice of this application by certified mail. A copy of this application has been provided to the New Mexico State Land Office and the Bureau of Land Management-Carlsbad Office.

Your attention to this matter is appreciated.

Sincerely,

Jordan L. Kessler
ATTORNEY FOR EOG RESOURCES, INC.

cc: New Mexico State Land Office
P.O. Box 1148
Santa Fe, NM 87504

Bureau of Land Management
620 E. Green Street
Carlsbad, NM 88220

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		² Pool Code		³ Pool Name					
⁴ Property Code		⁵ Property Name ANTIETAM 9 FED COM						⁶ Well Number #704H	
⁷ OGRID No.		⁸ Operator Name EOG RESOURCES, INC.						⁹ Elevation 3440'	
¹⁰ Surface Location									
UL or lot no. C	Section 9	Township 25-S	Range 33-E	Lot Idn -	Feet from the 164'	North/South line NORTH	Feet from the 2033'	East/West line WEST	County LEA
UL or lot no. F	Section 16	Township 25-S	Range 33-E	Lot Idn -	Feet from the 2410'	North/South line NORTH	Feet from the 1364'	East/West line WEST	County LEA
¹² Dedicated Acres 240.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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.

¹⁶		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 _____ E-mail Address _____	
SURFACE LOCATION NEW MEXICO EAST NAD 1983 X=774728 Y=419815 LAT.: N 32.1519021 LONG.: W 103.5791956		DETAIL VIEW A SCALE: 1" = 500' 	
UPPER MOST PERF. NEW MEXICO EAST NAD 1983 X=774062 Y=419645 LAT.: N 32.1514485 LONG.: W 103.5813513		DETAIL VIEW B SCALE: 1" = 400' 	
LOWER MOST PERF. NEW MEXICO EAST NAD 1983 X=774113 Y=412386 LAT.: N 32.1314937 LONG.: W 103.5813511		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 _____ Signature and Seal of Professional Surveyor 	
BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1983 X=774113 Y=412286 LAT.: N 32.1312188 LONG.: W 103.5813511		Certificate Number EXHIBIT - A	

EOG RESOURCES, INC.

ANTIETAM 9 FED COM #704H UNORTHODOX LOCATION NOTICE TRACT PLAT
TOWNSHIP 25 SOUTH RANGE 33 EAST, LEA COUNTY, NM

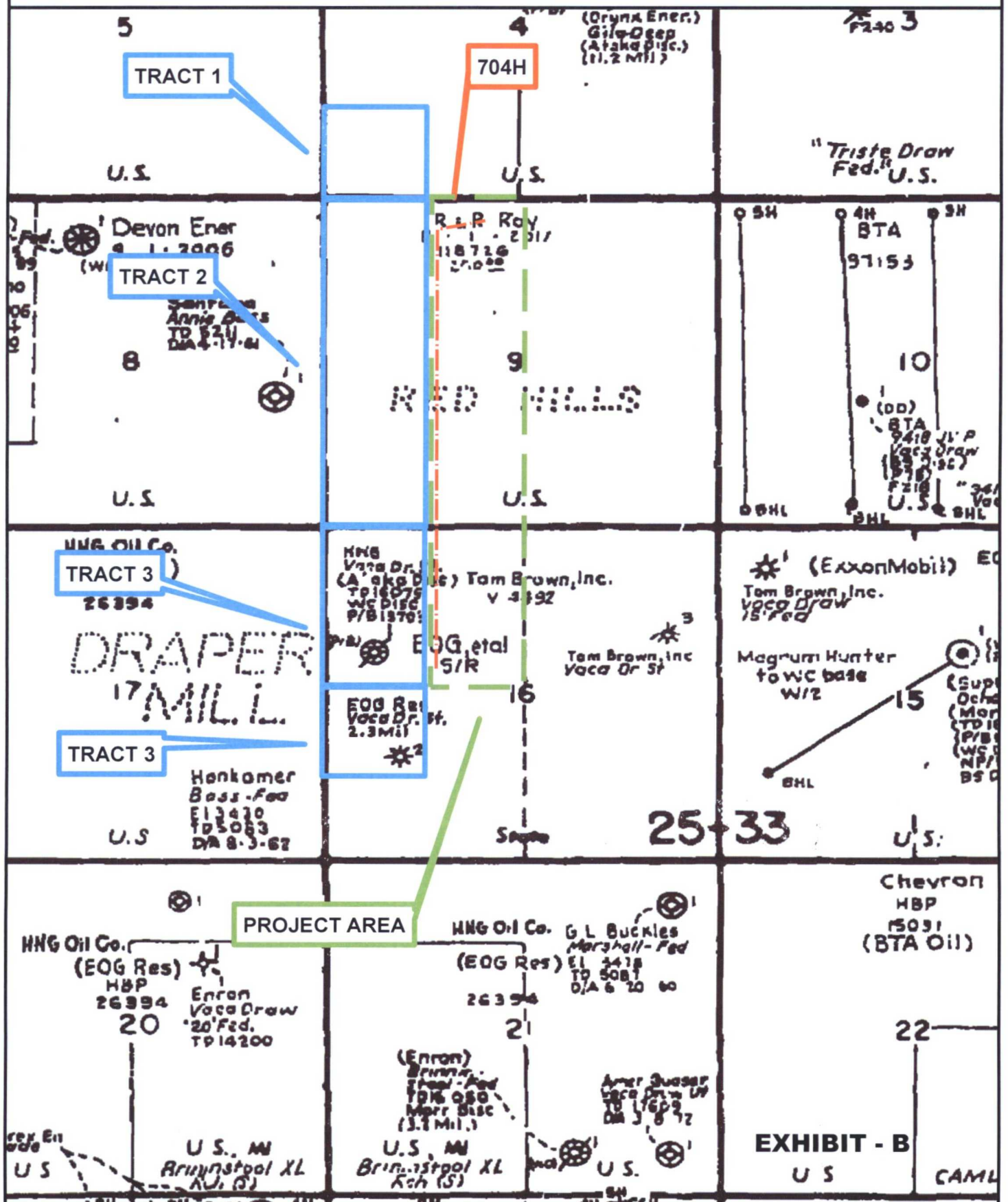


Exhibit C

Tract 1:

COG Operating, LLC
600 W. Illinois Ave.
Midland, TX 79701
7016 0750 0000 3576 3503

R&R Royalty Ltd.
500 N. Shoreline Blvd., Suite 322
Corpus Christi, TX 78401
7016 0750 0000 3576 3497

Merced Glendale LLC
601 Carlson Parkway, Suite 200
Minnetonka, MN 553055
7016 0750 0000 3576 3480

HOLLAND & HART ^{LLP}



Jordan L. Kessler

Associate

Phone (505) 954-7286

Fax (505) 983-6043

JLKessler@hollandhart.com

May 12, 2017

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO AFFECTED PARTIES

Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Antietam 9 Fed Com No. 704H Well in the E/2 W/2 of Section 9 and the E/2 NW/4 of Section 16, Township 25 South, Range 33 East, N.M.P.M., 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:

Paul Boland
EOG Resources, Inc.
(432) 686-3666
Paul_Boland@eogresources.com

Sincerely,

Jordan L. Kessler

ATTORNEY FOR EOG RESOURCES, INC.

Holland & Hart ^{LLP}

Phone [505] 988-4421 **Fax** [505] 983-6043 **www.hollandhart.com**

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 **Mailing Address** P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Boulder Carson City Colorado Springs Denver Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C. ☏

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

Administrative Application for Antietam 9 Fed Com #704H Well

AFFIDAVIT OF DAN WILKIRSON

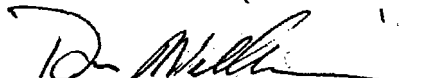
STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Dan Wilkerson, being first duly sworn on oath, states as follows:

1. My name is Dan Wilkerson and I am employed by EOG Resources, Inc. ("EOG") in Midland, Texas, as the Division Engineering Manager.
2. I received my Bachelors of Science from the University of Texas in Petroleum Engineering.
3. I am a Registered Professional Petroleum Engineer in the State of Texas.
4. I was hired by EOG Resources, Inc. in 2004. I have been employed in various capacities utilizing my petroleum engineering background for approximately 40 years.
5. For the past 10 years, I have worked exclusively in unconventional reservoir development, including the last year in the Permian Basin.
6. I have been a member of the Society of Petroleum Engineers since 1977.
7. I am familiar with the reservoir in Sections 9 & 16, Township 25 South, Range 33 East, NMPM, Lea County, New Mexico, and have reviewed the administrative application for an unorthodox location filed by my attorney in connection with the Antietam 9 Fed Com #704H well.
8. Based upon EOG's records, ownership is common in the W2 of Section 9 and the NW of Section 16 Township 25 South, Range 33 East, NMPM, Lea County, New Mexico.
9. EOG has permitted and will be the operator of three wells targeting the Upper Wolfcamp formation that are dedicated to the W2W2 of Section 9 and the W2NW of Section 16, being the Antietam 9 Fed Com No. 701H, the Antietam 9 Fed Com No. 702H, and the Antietam 9 Fed Com No. 703H. The Antietam 9 Fed Com #704H will also target the Upper Wolfcamp formation and is dedicated to the E2W2 Section 9 and E2NE Section 16.

10. It is recommended that the wells need to be spaced approximately 330 feet apart for effective drainage, causing the Antietam 9 Fed Com #704H well to be drilled at an unorthodox location.
11. It is believed that failure to drill the four (4) wells referenced above at this spacing in this particular section will result in reserves being left in the ground, which constitutes waste.

FURTHER AFFIANT SAYETH NOT.


Dan Wilkirson

SUBSCRIBED AND SWORN before me on this 15th day of June, 2017.


Notary Public

My Commission Expires: 3/23/2020

