





September 10, 2013

**VIA HAND DELIVERY**

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

RECEIVED OGD  
2013 SEP 10 P 4:19

**Re: Application of EOG Resources, Inc. for administrative approval of an unorthodox well location for its Diamond 5 Fed Com #6H well to be located in Sections 5 and 8, Township 25 South, Range 34 East, N.M.P.M., Lea County, New Mexico.**

Dear Ms. Bailey:

EOG Resources, Inc. (OGRID No. 7377) hereby seeks administrative approval pursuant to the provisions of Division Rule 19.15.15.13 NMAC for an unorthodox well location for its **Diamond 5 Fed Com #6H Well** to be located in Sections 5 and 8, Township 25 South, Range 34 East, N.M.P.M., Lea County, New Mexico. The **Diamond 5 Fed Com #6H Well** is an infill well for the 160 acre project area created for the Diamond 8 Fed Com 1H in the W/2E/2 of Section 8. See **Exhibit A**. The proposed well is to be drilled horizontally at a surface location 110 feet from the South line of Section 5 with the first perforation in the completed interval at a location 330 feet from the North line and 2426 feet from the East line of Section 8, which is only 214 feet from the west line of the project area. The last perforation in this proposed well will be 1601 feet from the South line and 2426 feet from the East line of said Section 8, again only 214 feet from the west line of the project area.

**Exhibit B** is a land plat for Section 8 and the surrounding sections that show the proposed non-standard location of the **Diamond 5 Fed Com #6H Well** in relation to adjoining units and existing wells. This location is unorthodox because the formation under 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.

**Exhibit C** is the Well Location and Acreage Dedication Plat (Form C-102), which shows that the proposed **Diamond 5 Fed Com #6H Well** encroaches on the spacing and proration units to the West and Northwest.



**Exhibit D** is a list of the affected parties in the E/2W/2 of Section 8 and the E/2SW/4 of Section 5. Each of these affected parties have been provided notice of this application by certified mail and informed that if they have an objection to this application, it must be filed with the Division within twenty days of the date of this application.

Your attention to this matter is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Feldewert".

Handwritten initials "for" in black ink, positioned to the left of the typed name.

Michael H. Feldewert  
ATTORNEY FOR EOG RESOURCES, INC.

Enclosures

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005  
Submit to Appropriate District Office  
State Lease- 4 Copies  
Fee Lease- 3 Copies  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-30632</b>	Pool Code <b>51020</b>	Pool Name <b>Red Hills Lower DS</b>
Property Code	Property Name <b>DIAMOND "B" FED. COM</b>	Well Number <b>1H</b>
OCRID No. <b>7377</b>	Operator Name <b>EOG RESOURCES, INC.</b>	Elevation <b>3364.0'</b>

Surface Location

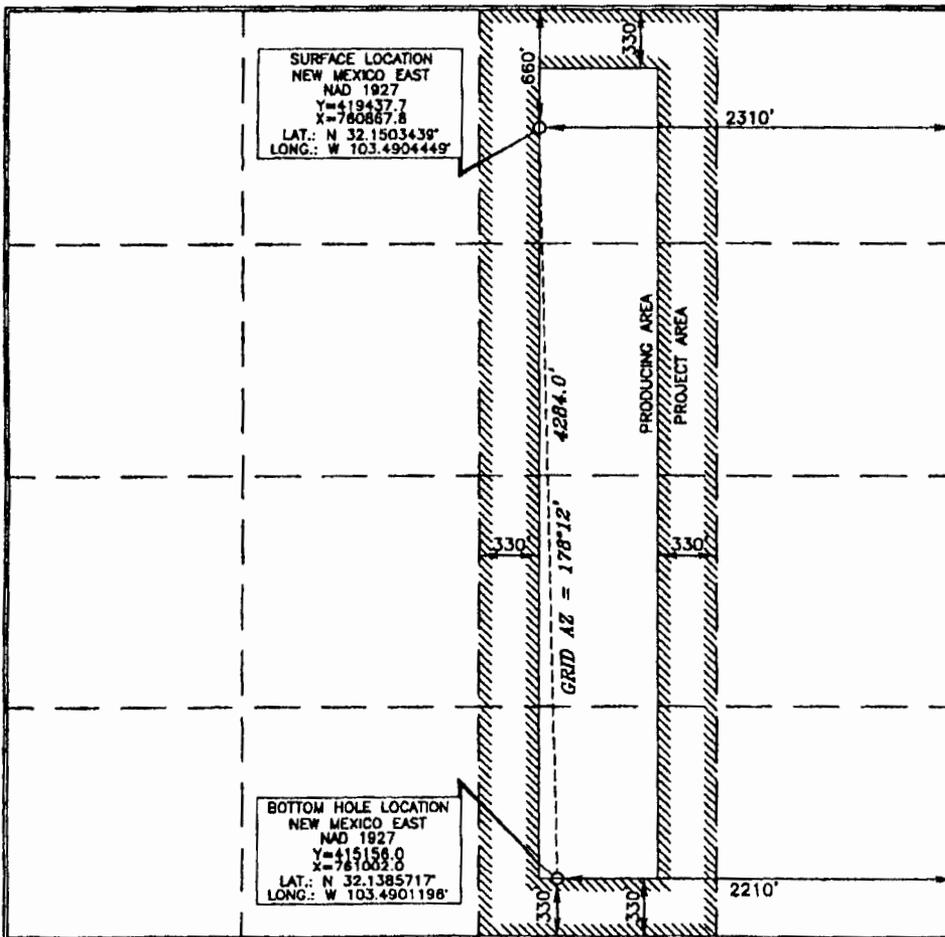
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>B</b>	<b>8</b>	<b>25 SOUTH</b>	<b>34 EAST, N.M.P.M.</b>		<b>660</b>	<b>NORTH</b>	<b>2310</b>	<b>EAST</b>	<b>LEA</b>

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>0</b>	<b>8</b>	<b>25 SOUTH</b>	<b>34 EAST, N.M.P.M.</b>		<b>330</b>	<b>SOUTH</b>	<b>2210</b>	<b>EAST</b>	<b>LEA</b>

Dedicated Acres <b>160</b>	Joint or Infill	Consolidation Code	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.



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.

*D. D. Mitty* 12/22/09  
Signature Date  
**Danny G Glanton**  
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes and data supplied to me or under my supervision, and that the same is true and correct to the best of my belief.

**15079**  
Date of Survey  
**DECEMBER 10, 2009**  
Signature and Seal of Professional Surveyor  
*Jerry G. Paul* 12/16/2009  
Certificate Number 15079

WOF 091210WL(KA)



1954k 7  
EOG Res. 25881  
TO15360 (1.3MI)  
"Diamond-Fed"  
OGX 71-2013  
U.S. MI  
MT McClay(S)

Morr DISC TD15,400 (8.4Mil) (Rick's Expl.)  
EOG Res. HBC N12 LG-359  
32  
Dillon  
TO15,275 (38.8MI)  
"PITCHFORK RANCH"  
TO15,160 (HNG)  
"Madera St" State  
Diamond 5-Fed  
TO 5583 (18.17.2.85)

MT McClay(S) State  
HNG Madera-Fed TD15,130  
Crown Oil 5-1-2018 (120363 \$750.00)  
33  
1.9Mil.  
19861  
Enron Madera Fed  
TO16153  
HBC  
(HNG) P1/C  
At 19  
TO15  
P18.

Enron Hollywood EOG Res 108499  
TO12600  
"Diamond-fed"  
HBL BHL  
EOG Res. 108500 (30400)  
HBP 108505  
U.S. MI  
15 Mil. M. McClay(S)

EOG Res. 14457  
Samedon (3.9MI) (HNG)  
Bass-Fed - Diamond 5-Fed.  
TO15,339 DIA1-7 69  
TO15,300  
EOG Res. 18640  
U.S. MI (3MI)  
MT McClay(S)  
EOG Res. HBP 108505  
U.S. MI  
Half-Fed  
TO15,350  
U.S.

EOG Res. (HNG Oil) Voca Ridge Fed. TO15,160 Del. Disc. PIS  
Del. Disc. PIS  
(Burlington) Pitchfork-Fed WCDisc. 13 Mil 150bbbls  
EOG Res. 16139  
Meridian Pitchfork Rch. Fed. TO 15230  
"Pitchfork Rch.-Fed." U.S.  
J. B. Roon  
Aztec  
16139 J. B. Roon  
Voca  
Kudge Fed M O Seg  
U.S. MI E M Floor  
M.T. McClay(S)

EOG 14437  
701(1) (Enron) (Diamond) (7 Fed. Com) (4 Mil + F203)  
707(1) F185  
704(4) F185  
EOG Res. 1924  
F607  
Redhills No. Ut.  
EOG Res. 19625  
U.S.  
Redhills No. Ut.  
EOG Res. 19625  
U.S. Mins

EOG Res. 14457  
709 H (Enron) (Diamond-Fed) (2) TO12370  
Diamond-Fed.  
EOG Res. HBP 108500  
U.S.  
Hille Meeker Muse Fed.  
TO 5457  
DA 7-26-87  
BHL

EOG Res 16139  
Pitchfork 6703 J/P  
"FAIRVIEW WILDS"  
Judith (Witten, et al)  
U.S., MI  
Yates Drig Co. et al 5-7-2015 110353 100.00  
M.T. McClay(S)

EOG Res. 24490  
802 (2) BHL  
803 (3) BHL  
F389(4) EOG Res. 24490  
806 (6) BHL  
18  
Redhills No. Ut.  
U.S. MI  
MT McClay(S)

EOG Res 904 108506  
902 U.S. MI  
MT McClay(S)  
901 Enron (Javelina Fed) (Stone Fed) (Javelina) (Morr. Disc) (1.5 Mil) (Atoka Disc) TO15,825 TO16,2750 Bn Spr Disc F33  
EOG Res. 84108  
Javelina Fed WCDisc  
"Redhills No. Ut." U.S.

EOG Res. 21 2011 V 1686 201.00  
Stone Javelina 7.3MI 25  
EOG Res. July St. Com TO 9805 DIA 1-21-2011  
16  
EXHIBIT B

EOG Res HBP 108504

D.E. Gonzales 5-1-2019 122625 130.00

D.E. Gonzales 5-1-2019 122625 130.00  
EOG Res. 12 1 2004 94109

District I  
1625 N. French Dr. Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-6720  
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. Sante 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.  
Sante 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>DIAMOND 5 FED COM</b>			<sup>6</sup> Well Number <b>#6H</b>	
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name <b>EOG RESOURCES, INC.</b>			<sup>9</sup> Elevation <b>3377'</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
0	5	25-S	34-E	-	110'	SOUTH	1850'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	8	25-S	34-E	-	1601'	SOUTH	2426'	EAST	LEA

<sup>12</sup> Dedicated Acres	<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.

<sup>16</sup>						<sup>17</sup> OPERATOR CERTIFICATION	
6	5			4	<p>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 underlying 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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>		
7	8			8			9
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>EXHIBIT</b>  <span style="font-size: 2em; font-weight: bold;">C</span> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>UPPER MOST PERF. NEW MEXICO EAST NAD 1927 X=760750 Y=419765 LAT. N 32 15 2532 LONG. W 103 49 0152</p> </div>		<div style="border: 1px solid black; padding: 5px;"> <p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=761321 Y=420210 LAT. N 32 15 24572 LONG. W 103 48 9616</p> </div>		<p><sup>18</sup>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey: 5/15/2013 Signature: MICHAEL B. BROWN</p> <p><b>MICHAEL B. BROWN</b> NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p>	
7	8	<div style="border: 1px solid black; padding: 5px;"> <p>LOWER MOST PERF. / BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=760776 Y=416427 LAT. N 32 14 20705 LONG. W 103 49 0176</p> </div>		8	9	<p>Certificate Number _____</p>	

**EXHIBIT D**

**EOG RESOURCES, INC. – NSL Application**

**Diamond 5 Fed Com #6H**

Roden Associates, Ltd.  
2603 Augusta Drive, Suite 740  
Houston, Texas 77057  
Attn: Ben Kinney

Roden Participants, Ltd.  
2603 Augusta Drive, Suite 740  
Houston, Texas 77057  
Attn: Ben Kinney

Chevron Midcontinent, L.P.  
Attn: NOJV  
P.O. Box 2100  
Houston, TX 77252

Sydhan, L.P.  
111 Congress Ave., Ste. 1050  
Austin, TX 78701

Sol West, III Estate  
c/o West Oil Company  
40 NE Loop 410, #200  
San Antonio, TX 78216

Bureau of Land Management  
620 E. Greene St.  
Carlsbad, NM 88220

HOLLAND & HART



**Michael H. Feldewert**  
Recognized Specialist in the  
Area of Natural Resources - oil  
and gas law - New Mexico  
Board of Legal Specialization  
mfeldewert@hollandhart.com

September 6, 2013

**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 Diamond 5 Fed Com #6H Well to be located in Sections 5 and 8, Township 25 South, Range 34 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:

Dan McCright  
EOG Resources, Inc.  
5509 Champions Dr.  
Midland, TX 79706  
(432) 686-3741  
dan\_mccright@eogresources.com

Sincerely,

Michael H. Feldewert  
ATTORNEY FOR EOG RESOURCES, INC.