

**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**

Form C-101  
Revised July 18, 2013  
Permit 171218

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702		2. OGRID Number 7377
4. Property Code 4052		3. API Number 30-025-41308
5. Property Name DILLION 31		6. Well No. 001H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	31	24S	34E	O	220	S	1815	E	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	31	24S	34E	B	230	N	2252	E	Lea

**9. Pool Information**

RED HILLS;UPPER BONE SPRING SHALE	97900
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3440
16. Multiple N	17. Proposed Depth 14176	18. Formation Bone Spring	19. Contractor	20. Spud Date 9/15/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1215	800	0
Int1	12.25	9.625	40	5060	1075	0
Prod	8.75	5.5	17	14176	1950	4560

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	<b>OIL CONSERVATION DIVISION</b> Approved By: Paul Kautz
Printed Name: Electronically filed by Stan Wagner Title: Regulatory Analyst Email Address: Stan_Wagner@eogresources.com Date: 8/5/2013	Title: Geologist Approved Date: 8/6/2013    Expiration Date: 8/6/2015 Conditions of Approval Attached
Phone: 432-686-3689	

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 171218

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-41308	2. Pool Code 97900	3. Pool Name RED HILLS;UPPER BONE SPRING SHALE
4. Property Code 4052	5. Property Name DILLION 31	6. Well No. 001H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3440

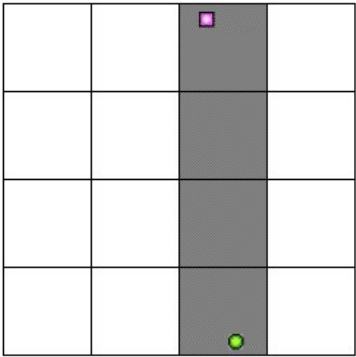
**10. Surface Location**

UL - Lot O	Section 31	Township 24S	Range 34E	Lot Idn B	Feet From 220	N/S Line S	Feet From 1815	E/W Line E	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot B	Section 31	Township 24S	Range 34E	Lot Idn B	Feet From 230	N/S Line N	Feet From 2252	E/W Line E	County LEA
12. Dedicated Acres 160.00		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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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(s) 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.</i></p> <p>E-Signed By: Stan Wagner Title: Regulatory Analyst Date: 8/5/2013</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Michael Brown Date of Survey: 6/25/2013 Certificate Number: 18329</p>
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## Permit Comments

**Operator:** EOG RESOURCES INC , 7377

**Well:** DILLION 31 #001H

**API:** 30-025-41308

Created By	Comment	Comment Date
SWAGNER	C-144 CLEZ, C-102, Drilling Plan, & H2S Plan will be mailed separately	8/5/2013
pkautz	Land p/P	8/6/2013
DMULL	During this procedure the operator plans to use the Closed-Loop System with haul-off bins and haul contents to the required disposal, per OCD Rule 19.15.17.	8/6/2013

## Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: DILLION 31 #001H

API: 30-025-41308

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	In order to seal off protectable water, surface casing must be set 25' below top of Rustler Anhydrite
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines