

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 171236

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 30-025-41312
5. Property Name DILLON 31		6. Well No. 005H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	31	24S	34E	P	220	S	579	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
A	31	24S	34E	A	230	N	380	E	Lea

9. Pool Information

RED HILLS;UPPER BONE SPRING SHALE	97900
-----------------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3431
16. Multiple N	17. Proposed Depth 14105	18. Formation Bone Spring	19. Contractor	20. Spud Date 10/15/2013
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	1220	800	0
Int1	12.25	9.625	40	5080	1075	0
Prod	8.75	5.5	17	14105	1950	4580

Casing/Cement Program: Additional Comments

--

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:	OIL CONSERVATION DIVISION Approved By: Paul Kautz
Printed Name: Electronically filed by Stan Wagner	Title: Geologist
Title: Regulatory Analyst	Approved Date: 8/6/2013 Expiration Date: 8/6/2015
Email Address: Stan_Wagner@eogresources.com	
Date: 8/5/2013 Phone: 432-686-3689	Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 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-102
August 1, 2011
Permit 171236

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-41312	2. Pool Code 97900	3. Pool Name RED HILLS;UPPER BONE SPRING SHALE
4. Property Code 4052	5. Property Name DILLON 31	6. Well No. 005H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3431

10. Surface Location

UL - Lot P	Section 31	Township 24S	Range 34E	Lot Idn A	Feet From 220	N/S Line S	Feet From 579	E/W Line E	County LEA
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 31	Township 24S	Range 34E	Lot Idn A	Feet From 230	N/S Line N	Feet From 380	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

<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%; height: 40px;"></td> <td style="width: 25%; height: 40px;"></td> <td style="width: 25%; height: 40px;"></td> <td style="width: 25%; height: 40px; background-color: #cccccc;"> <div style="position: relative; height: 100%;"> <div style="position: absolute; top: 0; right: 0; width: 20px; height: 20px; background-color: #ff00ff;"></div> </div> </td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px; background-color: #cccccc;"></td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px; background-color: #cccccc;"></td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px; background-color: #cccccc;"> <div style="position: relative; height: 100%;"> <div style="position: absolute; bottom: 0; left: 0; width: 20px; height: 20px; background-color: #00ff00;"></div> </div> </td> </tr> </table>				<div style="position: relative; height: 100%;"> <div style="position: absolute; top: 0; right: 0; width: 20px; height: 20px; background-color: #ff00ff;"></div> </div>												<div style="position: relative; height: 100%;"> <div style="position: absolute; bottom: 0; left: 0; width: 20px; height: 20px; background-color: #00ff00;"></div> </div>	<p style="text-align: center;">OPERATOR CERTIFICATION</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;">SURVEYOR CERTIFICATION</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>
			<div style="position: relative; height: 100%;"> <div style="position: absolute; top: 0; right: 0; width: 20px; height: 20px; background-color: #ff00ff;"></div> </div>														
			<div style="position: relative; height: 100%;"> <div style="position: absolute; bottom: 0; left: 0; width: 20px; height: 20px; background-color: #00ff00;"></div> </div>														

Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: DILLON 31 #005H

API: 30-025-41312

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

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: DILLON 31 #005H

API: 30-025-41312

OCD Reviewer	Condition
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
pkautz	In order to seal off protectable water, surface casing must be set 25' below top of Rustler Anhydrite