

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
 August 1, 2011
 Permit 141100

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
		3. API Number 30-025-40368
4. Property Code 38965	5. Property Name BLACK BEAR 36 STATE	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	36	25S	33E	O	300	S	2190	E	LEA

8. Pool Information

WC RED HILLS;BONE SPRING UPPER SHAL	97900
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3321
14. Multiple N	15. Proposed Depth 13997	16. Formation Bone Spring	17. Contractor	18. Spud Date 1/1/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. 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	1000	825	0
Int1	12.25	9.625	40	5100	1525	0
Prod	8.75	5.5	17	13997	1900	4600

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
Printed Name: Electronically filed by Stan Wagner	Title: Geologist	
Title: Regulatory Analyst	Approved Date: 12/14/2011	Expiration Date: 12/14/2013
Email Address: Stan_Wagner@eogresources.com		
Date: 12/8/2011	Phone: 432-686-3689	Conditions of Approval Attached

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Form C-102
 August 1, 2011
 Permit 141100

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40368	2. Pool Code 97900	3. Pool Name WC RED HILLS;BONE SPRING UPPER SHAL
4. Property Code 38965	5. Property Name BLACK BEAR 36 STATE	6. Well No. 001H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3321

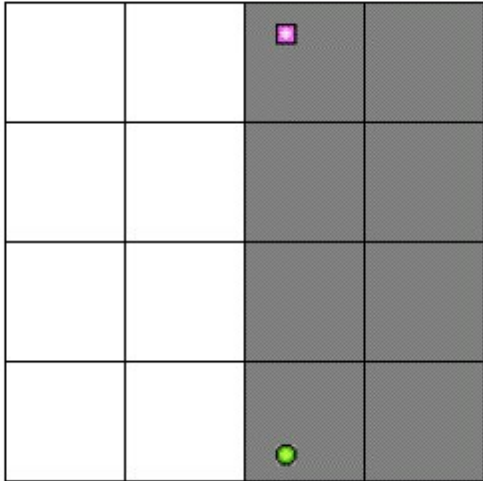
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	36	25S	33E		300	S	2190	E	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	36	25S	33E	B	330	N	2190	E	LEA
12. Dedicated Acres 320.00		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 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: 12/8/2011</p> <hr/> <p 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: Terry Asel Date of Survey: 10/18/2011 Certificate Number: 15079</p>
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Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: BLACK BEAR 36 STATE #001H

API: 30-025-40368

Created By	Comment	Comment Date
SWAGNER	C-144, C-102, casing detail, directional plan, and H2S plan will be mailed separately.	12/7/2011
CSHAPARD	Location is in Lea County. Please correct county name on APD and resubmit.	12/7/2011
pkautz	Land s/S	12/9/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-04001.	12/14/2011

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: BLACK BEAR 36 STATE #001H

API: 30-025-40368

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