

**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 143179

**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 30-025-40414
4. Property Code 39022	5. Property Name RED HILLS WEST 16 STATE	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
D	16	26S	32E	D	180	N	690	W	LEA

**8. Pool Information**

WILDCAT G-05 S2632;BS UPPER SHALE	97900
-----------------------------------	-------

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3200
14. Multiple N	15. Proposed Depth 13733	16. Formation Bone Spring	17. Contractor	18. Spud Date
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	925	600	0
Int1	12.25	9.625	40	4365	900	0
Prod	8.75	5.5	17	13733	1850	3865

**Casing/Cement Program: Additional Comments**

--

**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"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
Printed Name: Electronically filed by Stan Wagner	Title: Geologist	
Title: Regulatory Analyst	Approved Date: 1/25/2012	Expiration Date: 1/25/2014
Email Address: Stan_Wagner@eogresources.com		
Date: 1/17/2012	Phone: 432-686-3689	Conditions of Approval Attached

**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-102  
 August 1, 2011  
 Permit 143179

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40414	2. Pool Code 97900	3. Pool Name WILDCAT G-05 S2632;BS UPPER SHALE
4. Property Code 39022	5. Property Name RED HILLS WEST 16 STATE	6. Well No. 005H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3200

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	26S	32E		180	N	690	W	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
M	16	26S	32E	M	180	S	940	W	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%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 25%; height: 40px; background-color: #cccccc;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="background-color: #cccccc;"></td><td></td><td></td><td></td></tr> <tr><td style="background-color: #cccccc;"></td><td></td><td></td><td></td></tr> <tr><td style="background-color: #cccccc;"></td><td></td><td></td><td></td></tr> </table>																	<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: 1/17/2012</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: Terry Asel        Date of Survey: 11/28/2011        Certificate Number: 15079</p>

# Permit Comments

**Operator:** EOG RESOURCES INC , 7377

**Well:** RED HILLS WEST 16 STATE #005H

**API:** 30-025-40414

<b>Created By</b>	<b>Comment</b>	<b>Comment Date</b>
SWAGNER	C-102, C-144, directional survey and H2S plan will be mailed.	1/17/2012
pkautz	Land s/S	1/18/2012
CHERRERA	OCD RECIEVED FORM C-144 CLEZ. OCD PERMIT # P1-04131	1/25/2012
CHERRERA	OCD RECIEVED FORM C-144 CLEZ. OCD PERMIT # P1-04131	1/25/2012

# Permit Conditions of Approval

**Operator:** EOG RESOURCES INC , 7377

**Well:** RED HILLS WEST 16 STATE #005H

**API:** 30-025-40414

<b>OCD Reviewer</b>	<b>Condition</b>
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