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 141102

APPLICATION FO	R PERMIT TO DRIL	L, RE-ENTER, DEEPEN,	PLUGBACK, OR	ADD A ZONE

1. Opera EOG I	2. OGRID Number 7377		
	O. Box 2267 land, TX 79702	3. API Number 30-025-40370	
4. Property Code	5. Property Name	6. Well No.	
38965	BLACK BEAR 36 STATE	003H	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	36	25S	33E	P	180	S	430	E	LEA

8. Pool Information

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

			radicional Well Inform	Intion		
9. Work Type 10. Well Type New Well OIL			11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3323 18. Spud Date	
14. Multiple	fultiple 15. Proposed Depth		16. Formation	17. Contractor		
N			Bone Spring	1/1/2012		
Depth to Ground	water	•	Distance from nearest fresh water	r well	Distance to nearest surface water	

19. Proposed Casing and Cement Program

Type Hole Size		pe Hole Size Casing Type		Casing Weight/ft Setting Depth		Estimated TOC	
Surf	17.5	13.375	54.5	1000	825	0	
Int1	12.25	9.625	40	5100	5100 1525		
Prod	8.75	5.5	17	14100	1900	4600	

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

	1 Toposcu Dionout 1	Cichelon 110gram	20-
Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

of my knowledge and belief.	on given above is true and complete to the best	OIL CONSERVATION DIVISION				
	ral permit , or an (attached) alternative	Approved By: Paul Kautz				
Printed Name: Electronical	ly filed by Stan Wagner	Title: Geologist				
Title: Regulatory Analyst		Approved Date: 12/14/2011	Expiration Date: 12/14/2013			
Email Address: Stan_Wagn	er@eogresources.com		*2			
Date: 12/8/2011	Phone: 432-686-3689	Conditions of Approval Attac	ched			

District I 1625 N. French Dr., Hobbs, NM 88240

Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u>

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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 141102

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40370	2. Pool Code 97900		
4. Property Code 38965	5. Property Name BLACK BEAR 36 STATE		6. Wett No. 003H
7. OGRID No.	8. Oper EOG RESO	8. Operator Name	

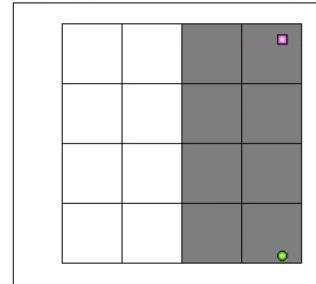
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	36	25S	33E		180	S	430	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
A	36	25S	33E	A	330	N	430	E	LEA
12. Dedicated Acres 320.00		13. J	oint 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



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(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.

E-Signed By: Stan Wagner Title: Regulatory Analyst

Date: 12/8/2011

SURVEYOR CERTIFICATION

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.

Surveyed By: Terry Asel
Date of Survey: 10/18/2011
Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: BLACK BEAR 36 STATE #003H

API: 30-025-40370

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 P1-04003.	12/14/2011

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: BLACK BEAR 36 STATE #003H

API: 30-025-40370

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	