

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

**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 37858		3. API Number 30-025-39532
5. Property Name LOMAS ROJAS 26 STATE COM		6. Well No. 002H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	26	25S	33E	P	330	S	430	E	LEA

**8. Pool Information**

RED HILLS;BONE SPRING	51020
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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 3334
14. Multiple N	15. Proposed Depth 11785	16. Formation Bone Spring	17. Contractor	18. Spud Date
Depth to Ground water 140		Distance from nearest fresh water well		Distance to nearest surface water

Pit: Liner: Synthetic ☐      mils thick    Clay ☐    Pit Volume:      bbls    Drilling Method:  
 Closed Loop System ☐      Fresh Water ☒ Brine ☐    Diesel/Oil-based ☐    Gas/Air ☐

**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	48	650	675	0
Int1	12.25	9.625	40	5100	1300	0
Int1	12.25	9.625	40	4000	1300	0
Prod	8.75	5.5	17	16191	2775	4600

**Casing/Cement Program: Additional Comments**

For the subject wells 9-5/8" 40# J55 casing will be run from surface to 4000' and 9-5/8" 40# HCK55 will be run from 4000' to 5100'. Running the HCK55 below 4000' provides a greater safety factor regarding collapse. The Collapse resistance pressure for the HCK55 is 4230 psi compared to 2570 psi for the J55.

**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>	
Printed Name: Electronically filed by Donny Glanton	Approved By: Paul Kautz	
Title: Sr. Lease Operations Rep	Title: Geologist	
Email Address: donny_glanton@eogresources.com	Approved Date: 10/9/2009	Expiration Date: 10/9/2011
Date: 9/30/2009	Phone: 432-686-3642	

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., 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

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Form C-102  
 Permit 102890

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-39532	2. Pool Code 51020	3. Pool Name RED HILLS;BONE SPRING
4. Property Code 37858	5. Property Name LOMAS ROJAS 26 STATE COM	6. Well No. 002H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3334

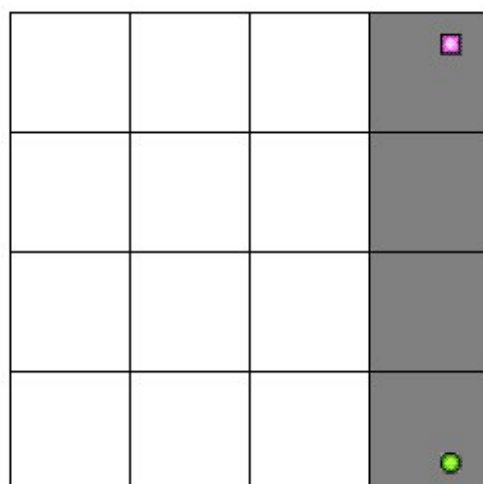
**10. Surface Location**

UL - Lot P	Section 26	Township 25S	Range 33E	Lot Idn	Feet From 330	N/S Line S	Feet From 430	E/W Line E	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot A	Section 26	Township 25S	Range 33E	Lot Idn A	Feet From 330	N/S Line N	Feet From 430	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**



**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: Donny Glanton  
 Title: Sr. Lease Operations Rep  
 Date: 9/30/2009

**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: 9/18/2009  
 Certificate Number: 15079

## Permit Comments

**Operator:** EOG RESOURCES INC , 7377

**Well:** LOMAS ROJAS 26 STATE COM #002H

**API:** 30-025-39532

Created By	Comment	Comment Date
pkautz	need C144	10/7/2009