### State of New Mexico

#### Form C-101 Permit 107446

### Energy, Minerals and Natural Resources

### Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

APPLICATION FOR PE	ERMIT TO DRILL	RE-ENTER.	DEEPEN, P	PLUGBACK.	OR ADD A ZONE
THE PROPERTY OF THE PROPERTY O	TUILL I O DIGILL			TO OPITOIT.	OIL LIDE II LOIL

EOG RE	Name and Address SOURCES INC	2. OGRID Number 7377	
P.O. Box 2267 Midland , TX 79702		3. API Number 30-025-39633	
Property Code     37970	5. Property Name HORSE 29 STATE	6. Wett No. 001H	

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	29	25S	34E	D	330	N	430	W	LEA

### 8. Pool Information

RED HILLS:BONE SPRING 5102	RED HILLS:BONE SPRING	51020
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### Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rot	ary 12. Lesse Type State	13. Ground Level Elevation 3319
14. Multiple N	15. Proposed De 9500	orth 16. Format 3rd Bone Spri	The state of the s	18. Spud Date
Depth to Ground	water	Distance from near	est fresh water well	Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop Syste	mils t	hick Clay Pit Volume:	bbls Drilling Method: Fresh Water X 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	4000	1300	0
Int1	12.25	9.625	40	5100	350	0
Prod	8.75	5.5	17	13914	2075	4600

### Casing/Cement Program: Additional Comments

1st Intermediate-Change casing Grade at 4,000'

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	OIL CONSERVATION DIVISION				
NMOCD guidelines _ , a general permit _ , or an (attached) alternative OCD-approved plan	Approved By: Paul Kautz				
Printed Name: Electronically filed by Donny Glanton	Title: Geologist				
Title: Sr. Lease Operations Rep	Approved Date: 1/7/2010 Expiration Date: 1/7/2012				
Email Address: donny_glanton@eogresources.com	10 1/2 - 10 1/4   1   1   1   1   1   1   1   1   1				
Date: 1/5/2010 Phone: 432-686-3642	Conditions of Approval Attached				

District I

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

District I

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

### State of New Mexico

Form C-102 Permit 107446

## Energy, Minerals and Natural Resources Oil Conservation Division

1220 S. St Francis Dr. Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

	EDD DOCITION IN D HOLD		
1. API Number	2. Pool Code	3. Pool Name	
30-025-39633	51020	RED HILLS;BONE SPRING	
4. Property Code	5. Property N	ame 6. Wett No.	
37970	HORSE 29 S	TATE 001H	
7. OGRID No.	8. Operator N	ame 9. Elevation	
7377	EOG RESOUR	CES INC 3319	

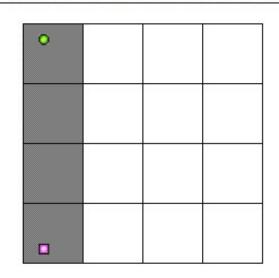
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	29	25S	34E	1	330	N	430	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	29	25S	34E	M	330	S	430	W	LEA
V	cated Acres	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: Donny Glanton Title: Sr. Lease Operations Rep

Date: 1/5/2010

### 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: 10/15/2009 Certificate Number: 15079

## **Permit Comments**

Operator: EOG RESOURCES INC , 7377 Well: HORSE 29 STATE #001H

API: 30-025-39633

Created By	Comment	Comment Date
DMULL	OCD Hobbs has received form C-144 "Pt Registration". OCD Permit Number P1- 01633.	1/8/2010

# **Permit Conditions of Approval**

Operator: EOG RESOURCES INC , 7377 Well: HORSE 29 STATE #001H

API: 30-025-39633

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104