

**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 PO BOX 2267 MIDLAND , TX 79702		2. OGRID Number 7377
		3. API Number 30-025-37640
4. Property Code 35376	5. Property Name CIMARRON 18 STATE	6. Well No. 002

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	18	18S	34E	A	330	N	500	E	LEA

**8. Pool Information**

MESCALERO ESCARPE;BONE SPRING	45793
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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 4078
14. Multiple N	15. Proposed Depth 9200	16. Formation 2nd Bone Spring Sand	17. Contractor	18. Spud Date
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

Pit: Liner: Synthetic ☒ 12 \_\_\_\_\_ miles thick Clay ☐ Pit Volume: 10300 \_\_\_\_\_ 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	14.75	11.75	42	500	325	0
Int1	11	8.625	32	3200	750	0
Prod	7.875	5.5	17	9000	800	

**Casing/Cement Program: Additional Comments**

Production Casing String - Desired TOC will be 500' above shallowest hydrocarbon bearing zone.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	

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 checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Mike Francis Title: ROW Agent Email Address: mike_francis@eogresources.com Date: 1/16/2006	<b>OIL CONSERVATION DIVISION</b>  Approved By: Chris Williams Title: District Supervisor Approved Date: 1/19/2006   Expiration Date: 1/19/2007 Conditions of Approval Attached
Phone: 4326863714	

# New Mexico Double Horseshoe Reserve Pit Design



Approximate Inside Reserve Volume: 4500 bbls  
Approximate Outside Reserve Volume: 5800 bbls

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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**Santa Fe, NM 87505**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-37640	2. Pool Code 45793	3. Pool Name MESCALERO ESCARPE,BONE SPRING
4. Property Code 35376	5. Property Name CIMARRON 18 STATE	6. Well No. 002
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 4078




**10. Surface Location**

UL - Lot A	Section 18	Township 18S	Range 34E	Lot Idn	Feet From 330	N/S Line N	Feet From 500	E/W Line E	County LEA
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**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
12. Dedicated Acres 40.00	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**

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	<p><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: 12/22/2005 Certificate Number: 15079</p>																

## Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: CIMARRON 18 STATE #002

API: 30-025-37640

OCD Reviewer	Condition
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines