

**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 30-015-34422
4. Property Code 34244	5. Property Name NILE 22 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
M	22	17S	24E	M	960	S	760	W	EDDY

**8. Pool Information**

COLLINS RANCH;WOLFCAMP (GAS)	75010
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3765
14. Multiple N	15. Proposed Depth 5400	16. Formation Wolfcamp	17. Contractor	18. Spud Date 11/15/2005
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water 300
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 7000 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input checked="" type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	900	325	0
Prod	7.875	4.5	11.6	8455	900	0

**Casing/Cement Program: Additional Comments**

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**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 checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Bryan Arrant	
	Title: Geologist	
	Approved Date: 11/11/2005	Expiration Date: 11/11/2006
	Conditions of Approval Attached	

Printed Name: Electronically filed by Mike Francis	
Title: ROW Agent	
Email Address: mike_francis@eogresources.com	
Date: 10/21/2005	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

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-34422	2. Pool Code 75010	3. Pool Name COLLINS RANCH;WOLFCAMP (GAS)
4. Property Code 34244	5. Property Name NILE 22 STATE COM	6. Well No. 002H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3765

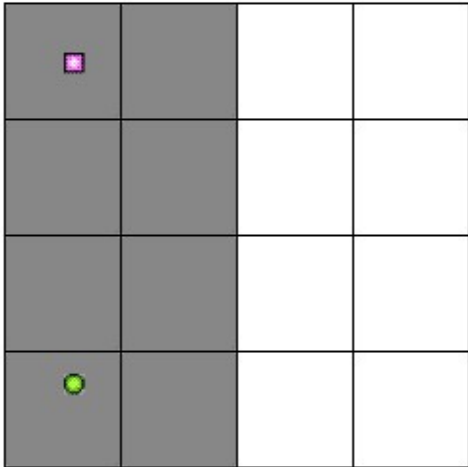
10. Surface Location

UL - Lot M	Section 22	Township 17S	Range 24E	Lot Idn M	Feet From 960	N/S Line S	Feet From 760	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 22	Township 17S	Range 24E	Lot Idn D	Feet From 660	N/S Line N	Feet From 760	E/W Line W	County EDDY
12. Dedicated Acres 320.00		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

	<p><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.</i></p> <p>E-Signed By: Mike Francis Title: ROW Agent Date: 10/21/2005</p> <hr/> <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: V.L. Bezner Date of Survey: 9/30/2005 Certificate Number: 7920</p>
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## Permit Comments

Operator: EOG RESOURCES INC , 7377

Well: NILE 22 STATE COM #002H

API: 30-015-34422

Created By	Comment	Comment Date
MFRANCIS	Plat, Detailed Casing,Mud, Cement and Drilling Plan along with H2S Letter being mailed	10/19/2005
BArrant	AS NOTED IN SAME PROATION UNIT, ANOTHER WELL IS PROJECTED TO PRODUCE FROM SAME FORMATION. AN ADMISTRATIVE ORDER IS REQUIRED FOR APPROVAL IN PART OF APD.	10/24/2005

# Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377

Well: NILE 22 STATE COM #002H

API: 30-015-34422

OCD Reviewer	Condition
BArrant	Will require a directional survey with the C-104
BArrant	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
BArrant	Will require administrative order for non-standard spacing unit
BArrant	Operator to notify OCD time of spud and time to witness the cementing to surface of ALL casing strings.