

**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 196051

**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
		3. API Number 30-025-42287
4. Property Code 40383	5. Property Name NAUTILUS 16 STATE COM	6. Well No. 702H

**7. Surface Location**

UL - Lot B	Section 16	Township 26S	Range 34E	Lot Idn	Feet From 230	N/S Line N	Feet From 1715	E/W Line E	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot O	Section 16	Township 26S	Range 34E	Lot Idn O	Feet From 230	N/S Line S	Feet From 2140	E/W Line E	County Lea
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**9. Pool Information**

WC-025 G-09 S263416B;UPPER WOLFCAMP	98105
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3375
16. Multiple N	17. Proposed Depth 17664	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/1/2015
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	40	1000	550	0
Int1	8.75	7	26	11500	1100	0
Prod	6.125	4.5	13.5	17664	1025	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Stan Wagner	Approved By: Paul Kautz
Title: Regulatory Analyst	Title: Geologist
Email Address: Stan_Wagner@eogresources.com	Approved Date: 11/25/2014
Date: 11/25/2014	Phone: 432-686-3689
Conditions of Approval Attached	

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**Santa Fe, NM 87505**

Form C-102  
 August 1, 2011  
 Permit 196051

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42287	2. Pool Code 98105	3. Pool Name WC-025 G-09 S263416B;UPPER WOLFCAMP
4. Property Code 40383	5. Property Name NAUTILUS 16 STATE COM	6. Well No. 702H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3375

**10. Surface Location**

UL - Lot B	Section 16	Township 26S	Range 34E	Lot Idn	Feet From 230	N/S Line N	Feet From 1715	E/W Line E	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot O	Section 16	Township 26S	Range 34E	Lot Idn	Feet From 230	N/S Line S	Feet From 2410	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**

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			●														
		■															
<i>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.</i>																	
E-Signed By: Stan Wagner Title: Regulatory Analyst Date: 11/25/2014																	
<b>SURVEYOR CERTIFICATION</b>																	
<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>																	
Surveyed By: Michael Brown Date of Survey: 11/5/2014 Certificate Number: 18329																	

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**Santa Fe, NM 87505**

Form APD Comments

Permit 196051

**PERMIT COMMENTS**

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702		API Number: 30-025-42287
		Well: NAUTILUS 16 STATE COM #702H
Created By	Comment	Comment Date
RJarratt	Other attachments sent in separate email	11/25/2014

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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702	API Number: 30-025-42287
	Well: NAUTILUS 16 STATE COM #702H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water