

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3482

**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 190855

**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 30-025-42045
4. Property Code 39814	5. Property Name OPHELIA 27	6. Well No. 703H

**7. Surface Location**

UL - Lot G	Section 27	Township 26S	Range 33E	Lot Idn	Feet From 2420	N/S Line N	Feet From 1645	E/W Line E	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot J	Section 22	Township 26S	Range 33E	Lot Idn J	Feet From 2080	N/S Line S	Feet From 1620	E/W Line E	County Lea
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**9. Pool Information**

WC-025 S263327H;WOLFCAMP (GAS)	98066
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3282
16. Multiple N	17. Proposed Depth 16995	18. Formation Wolfcamp	19. Contractor	20. Spud Date 9/1/2014
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	860	400	0
Int1	8.75	7	26	10750	775	0
Prod	6.125	4.5	13.5	16995	1025	10250

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type Double Ram	Working Pressure 5000	Test Pressure 5000	Manufacturer
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<p>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.</p> <p>Signature:</p> <p>Printed Name: Electronically filed by Stan Wagner</p> <p>Title: Regulatory Analyst</p> <p>Email Address: Stan_Wagner@eogresources.com</p> <p>Date: 8/14/2014</p>	<p><b>OIL CONSERVATION DIVISION</b></p> <p>Approved By: Paul Kautz</p> <p>Title: Geologist</p> <p>Approved Date: 8/15/2014</p> <p>Expiration Date: 8/15/2016</p> <p>Conditions of Approval Attached</p>
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**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 190855

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42045	2. Pool Code 98066	3. Pool Name WC-025 S263327H;WOLFCAMP (GAS)
4. Property Code 39814	5. Property Name OPHELIA 27	6. Well No. 703H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3282

**10. Surface Location**

UL - Lot G	Section 27	Township 26S	Range 33E	Lot Idn	Feet From 2420	N/S Line N	Feet From 1645	E/W Line E	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot J	Section 22	Township 26S	Range 33E	Lot Idn	Feet From 2080	N/S Line S	Feet From 1620	E/W Line E	County Lea
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**

<table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px; text-align: center;">■</td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>											■						<p style="text-align: center;"><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, 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></p> <p>E-Signed By:        Stan Wagner Title:                Regulatory Analyst Date:                8/14/2014</p> <hr/> <p style="text-align: center;"><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:        Michael Brown Date of Survey:     7/22/2014 Certificate Number: 18329</p>
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**Santa Fe, NM 87505**

Form APD Comments  
  
 Permit 190855

**PERMIT COMMENTS**

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702		API Number: 30-025-42045
		Well: OPHELIA 27 #703H
Created By	Comment	Comment Date
SWAGNER	C-102, directional plan, H2S plan emailed separately.	8/14/2014

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Form APD Conditions

Permit 190855

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702	API Number: 30-025-42045
	Well: OPHELIA 27 #703H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Will require administrative order for non-standard spacing unit Add prior to placing a well on production
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water