District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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District III
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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 478-3470 Fax:(505) 478-3462

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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 185540

	me and Address G RESOURCES IN	IC						2. OGR	ID Number 7377		
	. Box 2267 and, TX 79702							3. API I	Number 30-025-41815	5	
1. Property Cod 398		5. F	Property Name OPHELIA	27				6. Well	No. 702H		
				7. St	Irface Location						
UL - Lot H	Section 27	Township 26S	Range 3	Lot Idn 3E	Feet From 242	N/S Line N	Feet From	922	E/W Line	County	Lea
				8. Proposed	Bottom Hole Lo	cation					
UL - Lot	Section 22	Township 26S	Range 33	Lot Idn	Feet From 208	N/S Line S0 S	Feet From	685	E/W Line	County	Lea
				9. P	ool Information						
WC-025 S26	3327H;WOLFCAN	IP (GAS)							98066		
BRADLEY;BO	ONE SPRING								7280		
				Addition	al Well Informat	ion					
11. Work Type Nev	v <mark>Well</mark>	12. Well Type OIL		13. Cable/Rotary		14. Lease Type Private	15.		evel Elevation 293		
16. Multiple Y		17. Proposed De 1672		18. Formation Wolfcamp		19. Contractor		20. Spud Date 5/4/2014			
Depth to Groun	d water			Distance from nearest	fresh water well		Dist	ance to n	earest surface water		
We will be	using a closed-lo	op system in lieu o	of lined pits	ı							
-		1		21. Proposed Ca							
Type Surf	Hole Size	Casing Siz		Casing Weight/ft 54.5	Set	ting Depth 900	Sacks of 9			Estimated 0	TOC
Int1	12.25	9.625		40	-	4000	170		-	0	

Casing/Cement Program: Additional Comments

17

22. Proposed Blowout Prevention Program	

1825

7500

16726

ELIT Topocou Biotrout i Torondon i Togram							
Type	Working Pressure	Test Pressure	Manufacturer				
Double Ram	10000	10000					

knowledge and be	elief.	strue and complete to the best of my NMAC ⊠ and/or 19.15.14.9 (B) NMAC		OIL CONSERVATIO	IN DIVISION	
Signature:						
Printed Name:	Electronically filed by Stan Wagr	ner	Approved By:	Paul Kautz		
Title:	Regulatory Analyst		Title:	Geologist		
Email Address:	Stan_Wagner@eogresources.com		Approved Date:	5/2/2014	Expiration Date: 5/2/2016	
Date: 5/2/2014 Phone: 432-686-3689			Conditions of Approval Attached			

District I

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 August 1, 2011

Permit 185540

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-025-41815	98066	WC-025 S263327H;WOLFCAMP (GAS)
4. Property Code	5. Property Name	6. Well No.
39814	OPHELIA 27	702H
7. OGRID No.	8. Operator Name	9. Elevation
7377	EOG RESOURCES INC	3293

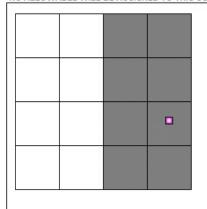
10. Surface Location

- 0		10. Surface Edution								
	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
١	Н	27	26S	33E		2420	N	922	E	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
1	22	26S	33E		2080	S	685	E	Lea
12. Dedicated Acres			13. Joint or Infill		14. Consolidation Code			15. Order No.	
320.00								111111111111111111111111111111111111111	

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:
 Stan Wagner

 Title:
 Regulatory Analyst

 Date:
 5/2/2014

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: Michael Brown
Date of Survey: 11/20/2013
Certificate Number: 18329

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

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Form C-102 August 1, 2011

Permit 185540

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-025-41815	7280	BRADLEY;BONE SPRING
4. Property Code	5. Property Name	6. Well No.
39814	OPHELIA 27	702H
7. OGRID No. 7377	Operator Name EOG RESOURCES INC	9. Elevation 3293

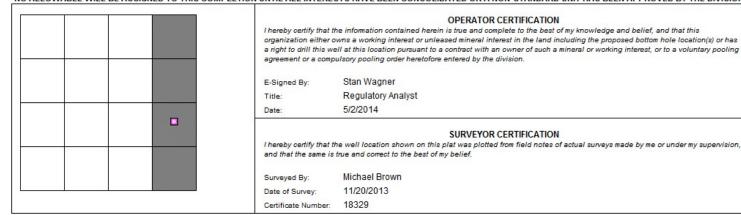
10. Surface Location

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UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	27	26S	33E		2420	N	922	E	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
	1	22	26S	33E		2080	S	685	E	Lea
	12. Dedicated Acres			13. Joint or Infill		14. Consolidation Code			15. Order No.	
	160.00								111111111111111111111111111111111111111	

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Permit 185540

Form APD Comments

PERMIT COMMENTS

Operator Name and Address:	API Number:
EOG RESOURCES INC [7377]	30-025-41815
P.O. Box 2267	Well:
Midland, TX 79702	OPHELIA 27 #702H

Created By	Comment	Comment Date
SWAGNER	This is a replacement well (re-drill) for the Ophelia 27 701H, APD182677, 30-025-41712. That well encountered problems while drilling. Wolfcamp is the	5/2/2014
	primary target of this well. If the Wolfcamp is nonproductive, a Bone Spring completion will be attempted and will be called the Ophelia 27 #2H.	

Form APD Conditions

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720

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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 185540

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
EOG RESOURCES INC [7377]	30-025-41815
P.O. Box 2267	Well:
Midland, TX 79702	OPHELIA 27 #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	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1) SURFACE & INTERNEMIATE CASING - Cement must circulate to surface 2) PRODUCTION CASING - Cement must tie back into intermediate casing
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pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water