

District I

1625 N. French Dr., Hobbs, NM 88240

District II 811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBS OCD

JAN 08 2017

Submit one copy to appropriate District Office

RECEIVED

Form C-104  
Revised August 1, 2011☐ AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		<sup>2</sup> OGRID Number 7377
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 12/14/2017
<sup>4</sup> API Number 30 - 025-44008	<sup>5</sup> Pool Name WC-025 G-09 S263327G;UPPER WOLFCAMP	<sup>6</sup> Pool Code 98097
<sup>7</sup> Property Code 319569	OPHELIA 22 FEDERAL COM	<sup>9</sup> Well Number 707H

II. <sup>10</sup> Surface Location

Ul or lot no. C	Section 22	Township 26S	Range 33E	Lot Idn	Feet from the 200'	North/South NORTH	Feet from the 2001'	East/West line WEST	County LEA
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<sup>11</sup> Bottom Hole Location

Ul or lot no F	Section 27	Township 26S	Range 33E	Lot Idn	Feet from the 2412'	North/South NORTH	Feet from the 2323'	East/West line WEST	County LEA
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<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code FLOWING	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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## III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SRVICS, LLC	GAS
36785	DCP MIDSTREAM	GAS

## IV. Well Completion Data

<sup>21</sup> Spud Date 09/23/2017	<sup>22</sup> Ready Date 12/14/2017	<sup>23</sup> TD 19,765'	<sup>24</sup> PBDT 19,651'	<sup>25</sup> Perforations 12,669-19,651'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 14 3/4"	<sup>28</sup> Casing & Tubing Size 10 3/4"	<sup>29</sup> Depth Set 1026'	<sup>30</sup> Sacks Cement 810 SXS CL C/CIRC		
9 7/8"	7 5/8"	11,611'	2635 SXS CL C/CIRC		
6 3/4"	5 1/2"	19,746'	795 SXS CL H ETOC 11,100		

## V. Well Test Data

<sup>31</sup> Date New Oil 12/14/2017	<sup>32</sup> Gas Delivery Date 12/14/2017	<sup>33</sup> Test Date 12/18/2017	<sup>34</sup> Test Length 24HRS	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure 2435
<sup>37</sup> Choke Size 52	<sup>38</sup> Oil 3066 BOPD	<sup>39</sup> Water 8119 BWPD	<sup>40</sup> Gas 5770 MCFPD		<sup>41</sup> Test Method

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Kay Maddox

Printed name:

Kay Maddox

Title:

Regulatory Analyst

E-mail Address:

Kay\_Maddox@eogresources.com

Date:

01/05/2018

Phone:

432-686-3658

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Pending BLM approvals will  
subsequently be reviewed  
and scanned

GCP 1-8-18

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTHOBBS OCD  
JAN 08 2017  
RECEIVEDFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM122622

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

OPHELIA 22 FEDERAL COM 707H

2. Name of Operator

EOG RESOURCES INCORPORATED

Contact: KAY MADDOX

E-Mail: Kay\_Maddox@EOGRESOURCES.com

9. API Well No.

30-025-44008

3a. Address

PO BOX 2267  
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-686-3658

10. Field and Pool or Exploratory Area  
WC025G09S263327G;UP WC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 22 T26S R33E NENW 200FNL 2001FWL  
32.035665 N Lat, 103.562257 W Lon

11. County or Parish, State

LEA COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/18/2017 Released rig  
11/10/2017 MIRU Pre frac tests, tst void to 5000 psi,  
flanges & seal to 8500 psi RDMO  
11/28/2017 MIRU tst inside valves to 14500 psi and iron to 2100 psi  
11/30/2017 MIRU Begin 32 stage perf & frac  
12/09/2017 Complete perf and frac - perf 12,669-19,651', 3.25",  
1968 holes, Frac w/18,417,500 lbs proppant,250,600 bbls  
load fluid  
12/10/2017 RIH to drill out plugs and clean out well  
12/14/2017 Open well to flowback,  
Date of First production

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #399439 verified by the BLM Well Information System  
For EOG RESOURCES INCORPORATED, sent to the Hobbs**

Name (Printed/Typed) KAY MADDOX

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/03/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Pending BLM approvals will  
subsequently be reviewed  
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and wi  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

... to any department or agency of the United

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**  
**JAN 08 2017**  
**RECEIVED**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM122622		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator EOG RESOURCES INC			7. Unit or CA Agreement Name and No.		
Contact: KAY MADDOX E-Mail: KAY_MADDOX@EOGRESOURCES.COM			8. Lease Name and Well No. OPHELIA 22 FEDERAL COM 707H		
3. Address PO BOX 2267 MIDLAND, TX 79702			9. API Well No. 30-025-44008		
3a. Phone No. (include area code) Ph: 432-686-3658					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T26S R33E Mer At surface NENW 200FNL 2001FWL 32.035665 N Lat, 103.562257 W Lon Sec 22 T26S R33E Mer At top prod interval reported below NENW 602FNL 2333FWL 32.034560 N Lat, 103.561189 W Lon Sec 27 T26S R33E Mer At total depth SENW 2412FNL 2323FWL 32.015072 N Lat, 103.561220 W Lon			10. Field and Pool, or Exploratory WC025G09S263327G-UP WC		
			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T26S R33E Mer		
			12. County or Parish LEA		13. State NM
14. Date Spudded 09/23/2017		15. Date T.D. Reached 10/15/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/14/2017		17. Elevations (DF, KB, RT, GL)* 3301 GL
18. Total Depth: MD 19765 TVD 12399		19. Plug Back T.D.: MD 19651 TVD 12391		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	40.5	0	1026		810		0	
9.875	7.625 HCP-110	29.7	0	11611		2635		0	
6.750	5.500 HCP-110	23.0	0	19746		795		11100	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12669	19651	12669 TO 19651	3.130	1968	OPEN PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12669 TO 19651	FRAC W/18,417,500 LBS PROPPANT;250,600 BBLs LOAD FLUID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/14/2017	12/18/2017	24	→	3066.0	5770.0	8119.0	45.0		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 2435.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
52	SI						1882	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio

Pending BLM approvals will  
subsequently be reviewed  
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #399647 VERIFIED BY THE BLM WELL INFORMATION SYSTEM.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	814				
T/SALT	1147				
B/SALT	4770				
BRUSHY CANYON	7656				
1ST BONE SPRING SAND	10169				
2ND BONE SPRING SAND	10674				
3RS BONE SPRING SAND	11750				
WOLFCAMP	12220				

32. Additional remarks (include plugging procedure):  
PLEASE REFERENCE ATTACHMENTS

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #399647 Verified by the BLM Well Information System.  
For EOG RESOURCES INC, sent to the Hobbs**

Name (please print) KAY MADDOXTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 01/04/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

Bureau of Land Management

Hobbs Field Office

414 W. Taylor

Hobbs, New Mexico

505.393.3612

**WATER PRODUCTION & DISPOSAL INFORMATION**

Well: OPHELIA 22 FEDERAL COM #707H

NWNW Sec 22 T26S, R33E

30-025-44008

1. Name of formations producing water on lease: WOLFCAMP
2. Amount of water produced from all formations in barrels per day 3000-4000 BWPD
3. How water is stored on lease Tanks 4-400 bbl tanks
4. How water is moved to disposal facility Pipeline/Trucked
5. Disposal Facility:
  - a. Facility Operators name MACK ENERGY CORP
  - b. Name of facility or well name & number  
**Owl State #001**  
30-025-29025  
P-15-18S-35E  
Permit No 1134-0  
Water also goes to EOG Water gathering system

Type of facility or wells SWD