

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

Form C-104

Revised August 1, 2011

HOBBS OCD

JAN 08 2018

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Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date NW 12/20/2017
⁴ API Number 30 - 025-44007	⁵ Pool Name WC-025 G-09 S263327G;UPPER WOLFCAMP	⁶ Pool Code 98097
⁷ Property Code 319569	OPHELIA 22 FEDERAL COM	⁹ Well Number 705H

II. ¹⁰ Surface Location

UL or lot no. D	Section 22	Township 26S	Range 33E	Lot Idn	Feet from the 200'	North/South NORTH	Feet from the 679'	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. E	Section 27	Township 26S	Range 33E	Lot Idn	Feet from the 2380'	North/South NORTH	Feet from the 978'	East/West line WEST	County LEA
¹² Use Code S	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 10/17/2017	²² Ready Date 12/20/2017	²³ TD 19,725'	²⁴ PBDT 19,615'	²⁵ Perforations 12,470-19,615'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4"	10 3/4"	1006'	840 SXS CL C/CIRC		
9 7/8"	7 5/8"	11,658'	2585 SXS CL C/CIRC		
6 3/4"	5 1/2"	19,710'	780 SXS CL H ETOC 10,659		

V. Well Test Data

³¹ Date New Oil 12/20/2017	³² Gas Delivery Date 12/20/2017	³³ Test Date 12/26/2017	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2786
³⁷ Choke Size 52	³⁸ Oil 2965 BOPD	³⁹ Water 6704 BWPD	⁴⁰ Gas 6066 MCFPD		⁴¹ Test Method

⁴² 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:

2-8-18

OIL CONSERVATION DIVISION

Pending BLM approvals will
subsequently be reviewed
and scanned

GCP 6-4-17

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 ☐ Other8. Well Name and No.
OPHELIA 22 FEDERAL COM 705H

2. Name of Operator

EOG RESOURCES INCORPORATED-Email: Kay_Maddox@EOGRESOURCES.com

Contact: KAY MADDOX

9. API Well No.
30-025-44007

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 NWNW 200FNL 679FWL
32.035670 N Lat, 103.566525 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 recompletion 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.

11/06/2017 Released rig
11/19/2017 MIRU Pre frac tests, tst void to 5000 psi,
flanges & seal to 8500 psi RDMO
11/21/2017 MIRU tst inside valves to 14500 psi and iron to 2100 psi
12/07/2017 MIRU Begin 32 stage perf & frac
12/17/2017 Complete perf and frac - perf 12,470-19,615', 3.25",
2032 holes, Frac w/18,917,076 lbs proppant,314,279 bbls
load fluid
12/18/2017 RIH to drill out plugs and clean out well
12/20/2017 Open well to flowback,
Date of First production

HOBBS OCD
JAN 08 2017
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14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #399565 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 01/04/2018

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 scanned**

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 make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

... to any department or agency of the United States

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

HOBBS OCD

JAN 08 2017

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NMNM122622
2. Name of Operator EOG RESOURCES, INC.	6. If Indian, Allottee or Tribe Name
Contact: STAN WAGNER E-Mail: stan_wagner@eogresources.com	7. If Unit or CA/Agreement, Name and/or No.
3a. Address ATTN: STAN WAGNER P.O. BOX 2267 MIDLAND, TX 79702	8. Well Name and No. OPHELIA 22 FED COM 705H
3b. Phone No. (include area code) Ph: 432-686-3689	9. API Well No. 30-025-44007
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T26S R33E Mer NMP NWNW 200FNL 679FWL	10. Field and Pool or Exploratory Area WC-025 S263327G UPPR WC
	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	Drilling Operations
	<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 recomplete 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 recompletion 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.

11/03/17 TD at 19725' MD.

Ran 5-1/2", 23#, HCP-110, JFE Bear (0'-11454')

Ran 5-1/2", 23#, CYHP-110 Ultra SF (11454'-19710')

11/04/17 Cement w/ 780 sx Class H, 15.6 ppg, 1.23 CFS yield. WOC 8 hrs.
Tested casing to 6880 psi. ETOC at 10659'.

11/06/17 Rig released.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #394398 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Hobbs	
Name (Printed/Typed) STAN WAGNER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 11/08/2017
THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 scanned

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.

(Instructions on page 2)

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

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 #705H

NWNW Sec 22 T26S, R33E

30-025-44007

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTHOBBS OCD
JAN 08 2017
RECEIVEDFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM122622
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. OPHELIA 22 FEDERAL COM 705H
9. API Well No. 30-025-44007
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
17. Elevations (DF, KB, RT, GL)* 3295 GL
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)

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
EOG RESOURCES INC
Contact: KAY MADDOX
E-Mail: KAY_MADDOX@EOGRESOURCES.COM
3. Address PO BOX 2267
MIDLAND, TX 79702
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 NWNW 200FNL 679FWL 32.035670 N Lat, 103.566520 W Lon
Sec 22 T26S R33E Mer
At top prod interval reported below NWNW 413FNL 977FWL 32.035084 N Lat, 103.565563 W Lon
Sec 27 T26S R33E Mer
At total depth SWNW 2380FNL 978FWL 32.015160 N Lat, 103.565560 W Lon

14. Date Spudded
10/17/2017
15. Date T.D. Reached
11/03/2017
16. Date Completed
☐ D & A ☒ Ready to Prod.
12/20/2017

18. Total Depth: MD 19725
TVD 12386
19. Plug Back T.D.: MD 19615
TVD 12386
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	40.5	0	1006		840		0	
9.875	7.625 HCP-110	29.7	0	11658		2585		0	
6.750	5.500 HCP-110	23.0	0	19710		780		10659	

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	12470	19615	12470 TO 19615	3.130	2032	OPEN PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12470 TO 19615	FRAC W/18,917,076 LBS PROPPANT;314,279 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
12/20/2017	12/26/2017	24	→	2965.0	6066.0	6704.0	43.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
52		2786.0	→				2046	POW	

28a. Production - Interval B

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

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #399635 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	7658				
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 #399635 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.

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