

District I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

OCT 01 2018

Form C-104

Revised August 1, 2011

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

RECEIVED

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

Oil Conservation Division

Submit one copy to appropriate District Office

District IV

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

1220 South St. Francis Dr.
Santa Fe, NM 87505☐ 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 09/04/2018
⁴ API Number 30 - 025-44643	⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP	
	⁶ Pool Code 98097	
⁷ Property Code 319569	⁹ Well Number 710H	
OPHELIA 22 FEDERAL COM		

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 1199'	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	-----------------------	----------------------	------------------------	------------------------	---------------

¹¹ Bottom Hole Location

UL or lot no. E	Section 27	Township 26S	Range 33E	Lot Idn	Feet from the 2525'	North/South NORTH	Feet from the 649'	East/West line WEST	County LEA
¹² Lse 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 07/21/2018	²² Ready Date 09/04/2018	²³ TD 20,494' MD (22,921 TVD)	²⁴ PBDT 20,453'	²⁵ Perforations 13,066-20,453' MD 12,926 - 12,918 FTD	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
17 1/2"	13 3/8"	968'		980 SXS CL C/CIRC	
12 1/4"	9 5/8"	4,908'		1650 SXS CL C/CIRC	
8 3/4"	7 5/8"	12,505'		995 SXS CL H/CIRC	
6 3/4"	5 1/2"	20,464'		760 CL H 9950' CBL	

V. Well Test Data

³¹ Date New Oil 09/04/2018	³² Gas Delivery Date 09/04/2018	³³ Test Date 09/08/2018	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1409
³⁷ Choke Size 64	³⁸ Oil 1740 BOPD	³⁹ Water 8867 BWPD	⁴⁰ Gas 3953 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: <i>Kay Maddox</i>			OIL CONSERVATION DIVISION		
Printed name: Kay Maddox			Approved by: <i>[Signature]</i>		
Title: Regulatory Analyst			Title: Petroleum Engineer		
E-mail Address: Kay_Maddox@eogresources.com			Approval Date: <i>10/03/18</i>		
Date: 09/28/2018		Phone: 432-686-3658			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

OCT 01 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM1226221a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
EOG RESOURCES, INCContact: KAY MADDOX
E-Mail: KAY_MADDOX@EOGRESOURCES.COM8. Lease Name and Well No.
OPHELIA 22 FEDERAL COM 710H3. Address PO BOX 2267
MIDLAND, TX 797023a. Phone No. (include area code)
Ph: 432-686-36589. API Well No.
30-025-44643

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 22 T26S R33E Mer NMP

At surface NVNW 200FNL 1199FWL 32.035668 N Lat, 103.564847 W Lon

Sec 22 T26S R33E Mer NMP

At top prod interval reported below NWNW 391FNL 669FWL 32.035147 N Lat, 103.566557 W Lon

Sec 27 T26S R33E Mer NMP

At total depth SWNW 2525FNL 649FWL 32.014761 N Lat, 103.566622 W Lon

10. Field and Pool, or Exploratory
SANDERS TANK; WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T26S R33E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
07/21/201815. Date T.D. Reached
08/12/201816. Date Completed
☐ D & A ☒ Ready to Prod.
09/04/201817. Elevations (DF, KB, RT, GL)*
3306 GL18. Total Depth: MD 20494
TVD 1292119. Plug Back T.D.: MD 20453
TVD 1292120. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		968		980		0	
12.250	9.625 J55	40.0		4908		1650		0	
8.750	7.625 HCP110	29.7		12505		995		0	
6.750	5.500 HCP110	20.0		20464		760		9950	

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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	13066	20453	13066 TO 20453	3.250	1422	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
13066 TO 20453	17,729,439 LBS PROPPANT, 335,030 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
09/04/2018	09/08/2018	24	→	1740.0	3953.0	8867.0	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	
64	SI	1409.0	→				2272	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	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #437560 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	911		BARREN	RUSTLER	911
T/SALT	1191		BARREN	T/SALT	1191
B/SALT	4741		BARREN	B/SALT	4741
BRUSHY CANYON	7661		OIL & GAS	BRUSHY CANYON	7661
1ST BONE SPRING SAND	10069		OIL & GAS	1ST BONE SPRING SAND	10069
2ND BONE SPRING SAND	10611		OIL & GAS	2ND BONE SPRING SAND	10611
3RD BONE SPRING SAND	11751		OIL & GAS	3RD BONE SPRING SAND	11751
WOLFCAMP	12198		OIL & GAS	WOLFCAMP	12198

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 #437560 Verified by the BLM Well Information System.
For EOG RESOURCES, INC, sent to the Hobbs

Name (please print) KAY MADDOX

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 09/28/2018

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 #710H

NWNW Sec 22 T26S, R33E

30-025-44643

1. Name of formations producing water on lease: WOLFCAMP
2. Amount of water produced from all formations in barrels per day 5000-8000 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 MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

OCT 01 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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMNM122622
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. OPHELIA 22 FEDERAL COM 710H
2. Name of Operator EOG RESOURCES, INC	Contact: KAY MADDOX E-Mail: kay_maddox@eogresources.com	9. API Well No. 30-025-44643
3a. Address PO BOX 2267 ATTENTION; KAY MADDOX MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-686-3658	10. Field and Pool or Exploratory Area SANDERS TANK; UPPER WOLFCA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T26S R33E Mer NMP NWNW 200FNL 1199FWL 32.035668 N Lat, 103.564847 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 recompleat 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 recompleat 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.

08/15/2018 RIG RELEASED
08/17/2018 MIRU PREP TO FRAC, TEST VOID 5000 PSI, SEALS & FLANGES TO 8500 PSI
08/25/2018 BEGIN PERF & FRAC
09/02/2018 FINISH 26 STAGES PERF & FRAC 13,066-20,453', 1422 3 1/8" SHOTS FRAC W/17,727,439 LBS
PROPPANT, 335,030 BBLs LOAD FLUID
09/03/2018 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE
09/04/2018 OPENED WELL TO FLOWBACK
DATE OF FIRST PRODUCTION

14. I hereby certify that the foregoing is true and correct. Electronic Submission #437541 verified by the BLM Well Information System For EOG RESOURCES, INC, sent to the Hobbs	
Name (Printed/Typed) KAY MADDOX	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 09/28/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 _____

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 **



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

September 28, 2018

State of New Mexico
Oil Conservation Division – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

HOBBS OCD

OCT 01 2018

RECEIVED

Re: Request for exception to Rule 107 J
Tubingless Completion
OPHELIA 22 FEDERAL COM #710H 30-025-44643

EOG Resources, Inc. requests an exception to NMOCD Rule 107 J regarding required production tubing. EOG requests a tubingless completion for the well listed above to allow greater flowback after frac stimulation.

The plan is to install production tubing as soon as flow decreases, which should occur within 6 months.

Thank you for your consideration of this request. If additional information is needed, please contact me at 432 686-3658.

Sincerely,

EOG Resources, Inc.

A handwritten signature in black ink that reads "Kay Maddox". The signature is written in a cursive, flowing style.

Kay Maddox
Regulatory Analyst