

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	OPHELIA 22 FEDERAL COM	⁹ Well Number 710H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
D	22	26S	33E		200'	NORTH	1199'	WEST	LEA

¹¹ Bottom Hole Location

Ul or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
E	27	26S	33E		2525'	NORTH	649'	WEST	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' <i>MD</i> <i>(22,921' TVD)</i>	²⁴ PBTB 20,453'	²⁵ Perforations 13,066-20,453' <i>MD</i> <i>12,926-12,918' FID</i>	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

<p>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.</p> <p>Signature: <i>Kay Maddox</i></p> <p>Printed name: Kay Maddox</p> <p>Title: Regulatory Analyst</p> <p>E-mail Address: Kay_Maddox@eogresources.com</p> <p>Date: 09/28/2018</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved by: <i>[Signature]</i></p> <p>Title: Petroleum Engineer</p> <p>Approval Date: <i>10/03/18</i></p>
<p>Phone: 432-686-3658</p>	

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.
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 710H

9. API Well No.
30-025-44643

10. Field and Pool, or Exploratory
SANDERS TANK;WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T26S R33E Mer NMP

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3306 GL

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 NMP
At surface NWNW 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

14. Date Spudded
07/21/2018 15. Date T.D. Reached
08/12/2018 16. Date Completed
 D & A Ready to Prod.
09/04/2018

18. Total Depth: MD 20494
TVD 12921 19. Plug Back T.D.: MD 20453
TVD 12921 20. 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.	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.	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 ****

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

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

8. Well Name and No.
OPHELIA 22 FEDERAL COM 710H

9. API Well No.
30-025-44643

10. Field and Pool or Exploratory Area
SANDERS TANK; UPPER WOLFCA

11. County or Parish, State
LEA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
EOG RESOURCES, INC
Contact: KAY MADDOX
E-Mail: kay_maddox@eogresources.com

3a. Address
PO BOX 2267 ATTENTION; KAY MADDOX
MIDLAND, TX 79702
3b. Phone No. (include area code)
Ph: 432-686-3658

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

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 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.

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 _____

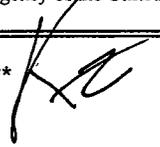
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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".

Kay Maddox
Regulatory Analyst