

District I

1625 N. French Dr., Hobbs, NM 88249

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

NEW MEXICO OIL CONSERVATION
ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

OCT 07 2019

Submit one copy to appropriate District Office

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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
⁴ API Number 30-025-44764		³ Reason for Filing Code/ Effective Date NW 09/09/2019
⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP		⁶ Pool Code 98097
⁷ Property Code 321381	⁹ Well Number 707H	

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
G	31	26S	34E		290'	SOUTH	1755'	EAST	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
A	30	26S	34E		111'	NORTH	1225'	EAST	LEA

¹² Use Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
S	FLOWING				

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	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
06/20/2019	09/09/2019	20,330'	20,294'	12,919-20,294'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/2"	9 5/8"	987'	510 SXS CL C/CIRC		
8 3/4"	7 5/8"	12,061'	1437 SXS CL C/SURF		
6 3/4"	5 1/2"	20,306'	770 SXS CL H/TOC 6350' CBL		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
09/09/2019	09/09/2019	09/13/2019	24HRS		2479
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
64	3172 BOPD	12145 BWPD	5670 MCFPD		

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:

10/04/2019

Phone:

432-686-3658

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

Approval Date:

10/21/19 Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

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SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No. NMNM110840	
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. PHILLY 31 FEDERAL COM 707H
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
10. Field and Pool or Exploratory Area SANDERS TANK; UPPER WOLFCA	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T26S R34E Mer NMP SWNE 290FSL 1755FEL 32.001066 N Lat, 103.506045 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.

07/06/2019 RIG RELEASED
 07/25/2019 MIRU PREP TO FRAC, TEST VOID 5000 PSI,SEALS & FLANGES TO 8500 PSI
 08/10/2019 BEGIN PERF & FRAC
 08/19/2019 FINISH 24 STAGES PERF & FRAC 12,919-20,294', 1440 3 1/8" SHOTS FRAC 18,448,190 LBS
 PROPPANT, 238,425 BBLs LOAD FLUID
 08/21/2019 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE
 09/09/2019 OPENED WELL TO FLOWBACK
 DATE OF FIRST PRODUCTION

14. I hereby certify that the foregoing is true and correct.
 Electronic Submission #486444 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 10/03/2019

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

October 4, 2019

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

Re: Request for exception to Rule 107 J
Tubingless Completion
PHILLY 31 FEDERAL COM #707H

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

Form 3160-4
(August 2007)

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HOBBS OCD
RECEIVED
OCT 07 2019

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

**NEW MEXICO OIL CONSERVATION
ARTESIA DISTRICT**

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM110840

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No. PHILLY 31 FEDERAL COM 707H

9. API Well No. 30-025-44764

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

11. Sec., T., R., M., or Block and Survey or Area Sec 31 T26S R34E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 06/20/2019 15. Date T.D. Reached 07/05/2019 16. Date Completed D & A Ready to Prod. 09/09/2019 17. Elevations (DF, KB, RT, GL)* 3350 GL

18. Total Depth: MD 20330 TVD 12747 19. Plug Back T D.. MD 20294 TVD 12747 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
12.500	9.625 J55	40.0		987		510		0	
8.750	7.625 HCP-110	29.7		12061		1437		0	
8.750	5.500 ICYP110	20.0		20308		770		6350	

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	12919	20294	12919 TO 20294	3.250	1440	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12919 TO 20294	18,448,190 LBS PROPPANT;238,425 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
09/09/2019	09/13/2019	24	▶	3172.0	5670.0	12145.0	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	2479.0	▶				1787	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 #486496 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 O.I. 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 O.I. 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	833		BARREN	RUSTLER	833
T/SALT	1463		BARREN	T/SALT	1463
B/SALT	5102		OIL & GAS	B/SALT	5102
BRUSHY CANYON	7991		OIL & GAS	BRUSHY CANYON	7991
1ST BONE SPRING SAND	10555		OIL & GAS	1ST BONE SPRING SAND	10555
2ND BONE SPRING SAND	11098		OIL & GAS	2ND BONE SPRING SAND	11098
3RD BONE SPRING SAND	12102		OIL & GAS	3RD BONE SPRING SAND	12102
WOLFCAMP	12545		OIL & GAS	WOLFCAMP	12545

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 #486496 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 10/04/2019

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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