

District I
1627 N. French Dr., Hobbs, NM 88240

District II 1811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87401

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

State of New Mexico
Energy, Minerals & Natural Resources

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 07 2019

Form C-104
Revised August 1, 2011

Oil Conservation Division

Submit one copy to the appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR REVIEW 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 09/09/2019
⁴ API Number 30 - 025-44763	⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP	⁶ Pool Code 98097
⁷ Property Code 321381	⁸ PHILLY 31 FEDERAL COM	⁹ Well Number 706H

II. ¹⁰ Surface Location

UL or lot no. G	Section 31	Township 26S	Range 34E	Lot Idn	Feet from the 290'	North/South SOUTH	Feet from the 1790'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. B	Section 30	Township 26S	Range 34E	Lot Idn	Feet from the 109'	North/South NORTH	Feet from the 2062'	East/West line EAST	County LEA
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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
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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 06/19/2019	²² Ready Date 09/09/2019	²³ TD 20,206'	²⁴ P8TD 20,128'	²⁵ Perforations 12,860-20,128'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/2"	9 5/8"	996'	510 SXS CL C/CIRC		
8 3/4"	7 5/8"	12,049'	1512 SXS CL C/SURF		
6 3/4"	5 1/2"	20,181'	750 SXS CL H/TOC 6654' CBL		

V. Well Test Data

³¹ Date New Oil 09/09/2019	³² Gas Delivery Date 09/09/2019	³³ Test Date 09/13/2019	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1970
³⁷ Choke Size 64	³⁸ Oil 2981 BOPD	³⁹ Water 9579 BWPD	⁴⁰ Gas 5423 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:

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:

Title:

Approval Date:

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

RECEIVED
OCT 17 2019
HOBBS OCD

SUBMIT IN TRIPLICATE - Other Instructions on page 2		5. Lease Serial No. NMNM110840
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES, INC		7. If Unit or CA/Agreement, Name and/or No.
Contact: KAY MADDOX E-Mail: kay_maddox@eogresources.com		8. Well Name and No. PHILLY 31 FEDERAL COM 706H
3a. Address PO BOX 2267 ATTENTION: KAY MADDOX MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-686-3658	9. API Well No. 30-025-44763
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T26S R34E Mer NMP SWNE 290FSL 1790FEL 32.001066 N Lat, 103.506158 W Lon		10. Field and Pool or Exploratory Area SANDERS TANK; UPPER WOLFCA
		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.

07/21/2019 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 12,860-20,128', 1440 3 1/8" SHOTS FRAC 18,466,692 LBS
PROPPANT, 241,901 BBLS LOAD FLUID
08/20/2019 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 #486445 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 ****

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 07 2019

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM110840

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator EOG RESOURCES, INC			8. Lease Name and Well No. PHILLY 31 FEDERAL COM 706H		
Contact: KAY MADDOX E-Mail: KAY_MADDOX@EOGRESOURCES.COM					
3. Address PO BOX 2287 MIDLAND, TX 79702			9. API Well No. 30-025-44763		
3a. Phone No. (include area code) Ph: 432-686-3658					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 31 T26S R34E Mer NMP At surface SWNE 290FSL 1790FEL 32.001066 N Lat, 103.506158 W Lon Sec 31 T26S R34E Mer NMP At top prod interval reported below SWNE 334FSL 2084FEL 32.001186 N Lat, 103.507108 W Lon Sec 30 T26S R34E Mer NMP At total depth NWNE 109FNL 2082FEL 32.021367 N Lat, 103.507067 W Lon			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 06/19/2019		15. Date T.D. Reached 07/20/2019		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/09/2019	
17. Elevations (DF, KB, RT, GL)* 3352 GL					
18. Total Depth: MD 20206 TVD 12720		19. Plug Back T.D.: MD 20128 TVD 12720		20. Depth Bridge Plug Set: MD TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		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)	
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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		996		510		0	
8.750	7.625 HCP-110	29.7		12049		1512		0	
6.750	5.500 ICYP110	20.0		20181		750		6654	

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	12860	20128	12860 TO 20128	3.250	1440	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12860 TO 20128	18,466,692 LBS PROPPANT; 241,901 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	→	2881.0	5423.0	9579.0	43.0		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Crg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
64	SI	1970.0	→				1819	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	Crg. 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 #486488 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

28b. Production - Interval C

Date First Produced	Test Data	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 Data	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	835		BARREN	RUSTLER	835
T/SALT	1465		BARREN	T/SALT	1465
B/SALT	5104		OIL & GAS	B/SALT	5104
BRUSHY CANYON	8042		OIL & GAS	BRUSHY CANYON	8042
1ST BONE SPRING SAND	10553		OIL & GAS	1ST BONE SPRING SAND	10553
2ND BONE SPRING SAND	11089		OIL & GAS	2ND BONE SPRING SAND	11089
3RD BONE SPRING SAND	12145		OIL & GAS	3RD BONE SPRING SAND	12145
WOLFCAMP	12594		OIL & GAS	WOLFCAMP	12594

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 #486488 Verified by the BLM Well Information System.
For EOG RESOURCES, INC, sent to the Hobbs

Name (please print) KAY MADDOXTitle 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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