

District I
1625 N. French Dr., Hobbs, NM 88240

District II 811 S. First St., Artesia, NM 87003

District III 1000 Rio Brazos Dr., Las Cruces, NM 87001

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 appropriate District Office

RECEIVED

☐ 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 09/09/2019
⁴ API Number 30 - 025-44766	⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP	⁶ Pool Code 98097
⁷ Property Code 321381	⁸ Well Number PHILLY 31 FEDERAL COM	⁹ Well Number 709H

II. ¹⁰ Surface Location

UL or lot no. H	Section 31	Township 26S	Range 34E	Lot Idn	Feet from the 290'	North/South SOUTH	Feet from the 533'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. A	Section 30	Township 26S	Range 34E	Lot Idn	Feet from the 110'	North/South NORTH	Feet from the 307'	East/West line EAST	County LEA
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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
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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 SRVICS, LLC	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 06/22/2019	²² Ready Date 09/09/2019	²³ TD 20,155'	²⁴ PBTD 20,085'	²⁵ Perforations 12,945-20,085'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/2"	9 5/8"	921'	295 SXS CL C/CIRC		
8 3/4"	7 5/8"	12,115'	1520 SXS CL C/SURF		
6 3/4"	5 1/2"	20,140'	760 SXS CL H/TOC 5230' CBL		

V. Well Test Data

³¹ Date New Oil 09/09/2019	³² Gas Delivery Date 09/09/2019	³³ Test Date 09/14/2019	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2365
³⁷ Choke Size 64	³⁸ Oil 3123 BOPD	³⁹ Water 10468 BWPD	⁴⁰ Gas 5849 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:

10/04/2019

Phone:

432-686-3658

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

Approval Date:

10/21/19

Petroleum Engineer

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____			5. Lease Serial No. NMNM110840		
2. Name of Operator EOG RESOURCES, INC Contact: KAY MADDOX E-Mail: KAY_MADDOX@EOGRESOURCES.COM			6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No.		
3. Address PO BOX 2267 MIDLAND, TX 79702			8. Lease Name and Well No. PHILLY 31 FEDERAL COM 709H		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 290FSL 533FEL 32.001068 N Lat, 103.502101 W Lon Sec 31 T26S R34E Mer NMP At top prod interval reported below SENE 119FSL 340FEL 32.000598 N Lat, 103.501477 W Lon Sec 30 T26S R34E Mer NMP At total depth NENE 110FNL 307FEL 32.021372 N Lat, 103.501403 W Lon			9. API Well No. 30-025-44768		
14. Date Spudded 06/22/2019			15. Date T.D. Reached 07/06/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/09/2019			17. Elevations (DF, KB, RT, GL)* 3334 GL		
18. Total Depth: MD 20155 TVD 12724		19. Plug Back T.D.: MD 20085 TVD 12724		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)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	WL (#/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		921		295		0	
8.750	7.625 HCP-110	29.7		12115		1520		0	
6.750	5.500 ICYP110	20.0		20140		760		5230	

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	12945	20085	12945 TO 20085	3.250	1440	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12945 TO 20085	18,638.010 LBS PROPPANT; 241,007 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	09/14/2019	24	→	3123.0	5849.0	10468.0	43.0		FLOW 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	2385.0	→				1873	PQW	

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	
			→						

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

ELECTRONIC SUBMISSION #486501 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	823		BARREN	RUSTLER	823
T/SALT	1447		BARREN	T/SALT	1447
B/SALT	5086		OIL & GAS	B/SALT	5086
BRUSHY CANYON	7957		OIL & GAS	BRUSHY CANYON	7957
1ST BONE SPRING SAND	10525		OIL & GAS	1ST BONE SPRING SAND	10525
2ND BONE SPRING SAND	11094		OIL & GAS	2ND BONE SPRING SAND	11094
3RD BONE SPRING SAND	12098		OIL & GAS	3RD BONE SPRING SAND	12098
WOLFCAMP	12541		OIL & GAS	WOLFCAMP	12541

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 #486501 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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