

District I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

HOBBS OCD

Form C-104
Revised August 1, 2011

District II 11 S. First St., Artesia, NM 88210

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

Oil Conservation Division

DEC 11 2018

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

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 11/21/2018
⁴ API Number 30 - 025-44100	⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP	⁶ Pool Code 98097
⁷ Property Code 319664	⁸ Dogwood 23 Federal Com DOGWOOD 23 FEDERAL COM	⁹ Well Number 709H

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
M	23	26S	33E		195'	SOUTH	848'	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
D	14	26S	33E		112'	NORTH	946'	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	²² Ready Date	²³ TD	²⁴ PBD	²⁵ Perforations	²⁶ DHC, MC
09/02/2018	11/21/2018	22,577' / 2408	12,407'	12,654-22,523'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	965'	1120 SXS CL C/CIRC		
12 1/4"	9 5/8"	4,995'	1505 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,760'	535 SXS CL C CTOC 4432'		
6 3/4"	5 1/2"	22,556'	940 CL H TOC 10,632' 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
11/21/2018	11/21/2018	11/29/2018	24HRS		2822
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
56	4585 BOPD	9901 BWPD	8019 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: <i>Kay Maddox</i>		OIL CONSERVATION DIVISION	
Printed name: Kay Maddox		Approved by: <i>Karen Sharp</i>	
Title: Regulatory Analyst		Title: <i>Staff Mgr</i>	
E-mail Address: Kay_Maddox@eogresources.com		Approval Date: 12-11-18	
Date: 12/07/2018	Phone: 432-686-3658	Documents pending BLM approvals will subsequently be reviewed and scanned	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

HOBBBS OCD
DEC 11 2018
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM122622
2. Name of Operator EOG RESOURCES, INC		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 2267 ATTENTION; KAY MADDOX MIDLAND, TX 79702		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-686-3658		8. Well Name and No. DOGWOOD 23 FEDERAL COM 709H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T26S R33E Mer NMP SWSW 195FSL 848FWL 32.022229 N Lat, 103.548902 W Lon		9. API Well No. 30-025-44100
		10. Field and Pool or Exploratory Area SANDERS TANK; UPPER WOLFC
		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 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.

10/18/2018 RIG RELEASED
10/27/2018 MIRU PREP TO FRAC, TEST VOID 5000 PSI, SEALS & FLANGES TO 8500 PSI
11/03/2018 BEGIN PERF & FRAC
11/14/2018 FINISH 35 STAGES PERF & FRAC 12,654-22,523', 2088 3 1/8" SHOTS FRAC W/24,960,560 LBS PROPPANT, 306,449 BBLs LOAD FLUID
11/17/2018 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE
11/21/2018 OPENED WELL TO FLOWBACK
DATE OF FIRST PRODUCTION

14. I hereby certify that the foregoing is true and correct. Electronic Submission #446817 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 12/07/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 _____

Documents pending BLM approvals will subsequently be reviewed and scanned

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 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 ****

Bureau of Land Management

WATER PRODUCTION & DISPOSAL INFORMATION

LEASE: DOGWOOD 23 FEDERAL

Lease no NMNM 122622

SECTION 23, T26S, R33E

Wells: Dogwood 23 Federal Com #706H 30-025-44097

Dogwood 23 Federal Com #707H 30-025-44098

Dogwood 23 Federal Com #709H 30-025-44100

Dogwood 23 Federal Com #710H 30-025-44114

1. Name of formation producing water on lease: **WOLFCAMP**
2. Amount of water produced from all formations in barrels per day **30,000-35,000 BWPD**
3. How water is stored on lease **4 - 400 BBL Tanks**
4. How water is moved to disposal facility **Pipeline/Trucked**
5. Disposal Facility:
EOG Red Hills Gathering System - 97% of water, 3% water

- a. Name of Operator/facility well name & number

EOG RESOURCES, INC

Endurance 25 Federal SWD #2

30-025-41067

E-25-26S-33E

Permit No SWD 1424-A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM122622

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 23 T26S R33E Mer NMP
 At surface SWSW 195 FSL 848FWL 32.022229 N Lat, 103.548902 W Lon
 Sec 23 T26S R33E Mer NMP
 At top prod interval reported below SWSW 57F5 L 899FWL 32.023156 N Lat, 103.548650 W Lon
 Sec 14 T26S R33E Mer NMP
 At total depth NWNW 112FNL 946FWL 32.050413 N Lat, 103.548598 W Lon

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____
 8. Lease Name and Well No. DOGWOOD 23 FEDERAL COM 709H
 9. API Well No. 30-025-44100
 10. Field and Pool, or Exploratory SANDERS TANK; UPPER WOLFC
 11. Sec., T., R., M., or Block and Survey or Area Sec 23 T26S R33E Mer NMP
 12. County or Parish LEA 13. State NM
 14. Date Spudded 09/02/2018 15. Date T.D. Reached 10/16/2018 16. Date Completed D & A Ready to Prod. 11/21/2018 17. Elevations (DF, KB, RT, GL)* 3287 GL
 18. Total Depth: MD 22577 TVD 12407 19. Plug Back T.D.: MD 22523 TVD 12407 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		965		1120		0	
12.250	9.625 J55	40.0		4995		1505		0	
8.750	7.625 HCP110	29.7		11760		535		4432	
6.750	5.500 HCP110	20.0		22526		940		10632	

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	12654	22523	12654 TO 22523	3.250	2088	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12654 TO 22523	24,960,560 LBS PROPPANT, 306,449 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
11/21/2018	11/29/2018	24	→	4585.0	8019.0	9901.0	40.0		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	
56	SI	2822.0	→				1749	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		→						

Documents pending BLM approvals will subsequently be reviewed and scanned

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	846		BARREN	RUSTLER	846
T/SALT	1363		BARREN	T/SALT	1363
B/SALT	4803		BARREN	B/SALT	4803
BRUSHY CANYON	7709		OIL & GAS	BRUSHY CANYON	7709
1ST BONE SPRING SAND	10178		OIL & GAS	1ST BONE SPRING SAND	10178
2ND BONE SPRING SAND	10722		OIL & GAS	2ND BONE SPRING SAND	10722
3RD BONE SPRING SAND	11808		OIL & GAS	3RD BONE SPRING SAND	11808
WOLFCAMP	12224		OIL & GAS	WOLFCAMP	12224

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 #446985 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 12/10/2018

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.