

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

OCT 01 2018

District II 811 S. First St., Artesia, NM 88210

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

Oil Conservation Division

Submittal Copy to Appropriate District Office

District IV

1220 South St. Francis Dr.  
Santa Fe, NM 87505

AMENDED REPORT

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

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702		<sup>2</sup> OGRID Number 7377
		<sup>3</sup> Reason for Filing Code/ Effective Date 08/29/2018
<sup>4</sup> API Number 30-025-43746	<sup>5</sup> Pool Name SANDERS TANK; UPPER WOLFCAMP	<sup>6</sup> Pool Code 98097
<sup>7</sup> Property Code 316102	<b>ORRTANNA 20 FEDERAL</b>	<sup>9</sup> Well Number <b>706H</b>

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
O	20	26S	33E		583'	SOUTH	2432'	EAST	LEA

<sup>11</sup> Bottom Hole Location

Ul or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
B	20	26S	33E		246'	NORTH	1785'	EAST	LEA

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
S	FLOWING				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES, LLC	GAS
36785	DCP MIDSTREAM	GAS

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBDT	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
05/10/2018	08/29/2018	17,220' MD 12,722' TUD	17,193'	12,544-17,193' MD 12,704' - 12,732'	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	965'	900 SXS CL C/CIRC		
12 1/4"	9 5/8"	4,848'	1625 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,726'	515 SXS CL C&H/1620'		
6 3/4"	5 1/2"	17,205'	540 SXS CLC H/ETOC 10,698'		

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
08/29/2018	08/29/2018	09/02/2018	24		1925
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
52	2299	1024	4243		

<sup>42</sup> 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.		OIL CONSERVATION DIVISION	
Signature: <i>Kay Maddox</i>	Approved by: <i>[Signature]</i>		
Printed name: Kay Maddox	Title: <b>Petroleum Engineer</b>		
Title: Regulatory Analyst	Approval Date: <i>10/07/18</i>		
E-mail Address: Kay_Maddox@eogresources.com			
Date: 09/27/2018	Phone: 432-686-3658		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

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.*

OCT 01 2018

**RECEIVED**

5. Lease Serial No.  
NMNM118727

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
ORRTANNA 20 FEDERAL 706H

9. API Well No.  
30-025-43746

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

11. County or Parish, State  
LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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 20 T26S R33E Mer NMP SWSE 583FSL 2432FEL  
32.023367 N Lat, 103.593590 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 recomplate 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.

06/20/2018 RIG RELEASED  
08/04/2018 MIRU PREP TO FRAC, TEST VOID 5000 PSI, SEALS & FLANGES TO 8500 PSI  
08/15/2018 BEGIN PERF & FRAC  
08/25/2018 FINISH 18 STAGES PERF & FRAC 12,544-17,193', 1002 3 1/8" SHOTS FRAC W/11,239,160 LBS PROPPANT, 185,642 BBLs LOAD FLUID  
08/27/2018 DRILLED OUT PLUGS AND CLEAN OUT WELLBORE  
08/29/2018 OPENED WELL TO FLOWBACK  
DATE OF FIRST PRODUCTION

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #437291 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 09/26/2018

**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 26, 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  
ORRTANNA 20 FEDERAL #706H 30-025-43746

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

HOBBS OCD

OCT 01 2018

RECEIVED

Form 3160-4 (August 2007)

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. NMNM118727

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr. Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator EOG RESOURCES, INC Contact: KAY MADDOX E-Mail: KAY\_MADDOX@EOGRESOURCES.COM

8. Lease Name and Well No. ORRTANNA 20 FEDERAL 706H

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

9. API Well No. 30-025-43746

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*
At surface SWSE 583FSL 2432FEL 32.023367 N Lat, 103.593590 W Lon
At top prod interval reported below SWSE 370FSL 1823FEL 32.022783 N Lat, 103.591624 W Lon
At total depth NWNE 246FNL 1785FEL 32.035594 N Lat, 103.591514 W Lon

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

11. Sec., T., R., M., or Block and Survey or Area Sec 20 T26S R33E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 05/10/2018 15. Date T.D. Reached 06/17/2018 16. Date Completed [ ] D & A [X] Ready to Prod. 08/29/2018

17. Elevations (DF, KB, RT, GL)\* 3253 GL

18. Total Depth: MD 17220 TVD 12331 19. Plug Back T.D.: MD 17193 TVD 12331 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? [X] No [ ] Yes (Submit analysis) Was DST run? [X] No [ ] Yes (Submit analysis) Directional Survey? [ ] No [X] Yes (Submit analysis)

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

Table with 10 columns: 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. Includes data for hole sizes 17.500, 12.250, 8.750, and 6.750.

24. Tubing Record

Table with 9 columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD).

25. Producing Intervals and 26. Perforation Record. Table with 7 columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Includes data for WOLFCAMP formation.

27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Table with 2 columns: Depth Interval, Amount and Type of Material. Includes data for 12544 TO 17193.

28. Production - Interval A. Table with 10 columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Includes data for 08/29/2018 test.

28a. Production - Interval B. Table with 10 columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method.

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	784		BARREN	RUSTLER	784
T/SALT	1127		BARREN	T/SALT	1127
B/SALT	4677		BARREN	B/SALT	4677
BRUSHY CANYON	7616		OIL & GAS	BRUSHY CANYON	7616
1ST BONE SPRING SAND	10021		OIL & GAS	1ST BONE SPRING SAND	10021
2ND BONE SPRING SHALE	10624		OIL & GAS	2ND BONE SPRING SHALE	10624
3RD BONE SPRING SAND	11745		OIL & GAS	3RD BONE SPRING SAND	11745
WOLFCAMP	12172		OIL & GAS	WOLFCAMP	12172

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 #437294 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 09/26/2018

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 \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

Bureau of Land Management

Hobbs Field Office

414 W. Taylor

Hobbs, New Mexico

505.393.3612

**WATER PRODUCTION & DISPOSAL INFORMATION**

Well: ORRTANNA 20 FEDERAL FACILITY

Sec 20 T26S, R33E

Orrtanna 20 Federal #706H 30-025-43746

1. Name of formations producing water on lease: WOLFCAMP
2. Amount of water produced from all formations in barrels per day 1000 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 EOG RESOURCES INC
  - b. Name of facility or well name & number  
BLACK BEAR 36 STATE #5  
30-025-40585  
H-36-25S-33E  
Permit no SWD 1359
  - c. Type of facility or wells SWD