

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

JUL 27 2017

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

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

Oil Conservation Division

RECEIVED

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

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 07/20/2017
⁴ API Number 30 - 025-43663	⁵ Pool Name WC-025 G09 S263327G: UPPER WOLFCAMP	⁶ Pool Code 98097
⁷ Property Code 315645	ORRTANNA 20 FEDERAL	⁹ Well Number 703H

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
N	20	26S	33E		221'	SOUTH	1969'	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
C	20	26S	33E		217'	NORTH	1680'	WEST	LEA

¹² Lse Code S	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date 07/20/2017	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
7377	EOGM RESOURCES	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES, LLC	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 04/15/2017	²² Ready Date 07/20/2017	²³ TD 17,137'	²⁴ PBDT 17,015'	²⁵ Perforations 12531-17015'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4"	10 3/4"	1089'	880 SXS CL C/CIRC		
8 3/4"	7 5/8"	11,600'	3111 SXS CL C & H/CIRC		
6 3/4"	5 1/2"	17,128'	573 SXS CL C & H/ ETOC 10,000		

V. Well Test Data

³¹ Date New Oil 07/20/2017	³² Gas Delivery Date 07/20/2017	³³ Test Date 07/24/2017	³⁴ Test Length 24HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1780
³⁷ Choke Size 64	³⁸ Oil 1868 BOPD	³⁹ Water 4881 BWPD	⁴⁰ Gas 3692 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: 07/26/2017 Phone: 432-686-3658

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

Petroleum Engineer

Approval Date:

08/04/17

C-104 TEMPORARY APPROVAL pending receipt of approved BLM forms attached

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.

5. Lease Serial No.
NMNM118727

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

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8. Well Name and No.
ORRTANNA 20 FEDERAL 703H

2. Name of Operator
EOG RESOURCES INCORPORATED
Contact: KAY MADDOX
E-Mail: Kay_Maddox@EOGRESOURCES.com

9. API Well No.
30-025-43663

3a. Address
PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-686-3658

10. Field and Pool or Exploratory Area
WC025G09S263327G;UPWC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 20 T26S R33E SESW 221FSL 1969FWL

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 Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.

05/29/2017 Reached TD 17,137'
05/31/2017 Released rig
06/28/2017 RU Prep well for completion, press test seals to 8500 psi, 15 min each 5 tests, all good
07/01/2017 Begin 22 stage perf & frac
07/11/2017 Finish perforating and frac - perf 12,531-17015, 3.25", 1308 holes, Frac w/ 12,148,830 lbs proppant, 268,035 bbls load water
07/18/2017 RIH to drill out plugs and clean out well
07/20/2017 Open well to flowback, Date of First production

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #382580 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs**

Name (Printed/Typed) KAY MADDOX

Title REGULATORY ANALYST

Signature *Kay Maddox* (Electronic Submission)

Date 07/26/2017

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 ****

Kz

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUL 27 2017

5. Lease Serial No.
NMNM118727

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resist
 Other _____

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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 703H

3. Address PO BOX 2267
MIDLAND, TX 79702

3a. Phone No. (include area code)
Ph: 432-686-3658

9. API Well No.
30-025-43663

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SESW 221FSL 1969FWL 32.022247 N Lat, 103.595989 W Lon
 At top prod interval reported below SESW 453FSL 1633FWL 32.022884 N Lat, 103.597070 W Lon
 At total depth NENW 217FNL 1680FWL 32.035542 N Lat, 103.596934 W Lon

10. Field and Pool, or Exploratory
WC025G09S263327G;UPPER WC

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

12. County or Parish
LEA
 13. State
NM

14. Date Spudded
04/15/2017

15. Date T.D. Reached
05/29/2017

16. Date Completed
 D & A Ready to Prod.
07/20/2017

17. Elevations (DF, KB, RT, GL)*
3232 GL

18. Total Depth: MD 17137
TVD 12303

19. Plug Back T.D.: MD 17015
TVD 12305

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE

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
14.750	10.750 J55	40.5	0	1089		880		0	
8.750	7.625 P-110	29.7	0	11600		3111		0	
6.750	5.500 P-110	23.0	0	17128		573		10000	

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	12531	17015	12531 TO 17015	3.250	1308	OPEN PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12531 TO 17015	FRAC W/12,148,380 LBS PROPPANT;268,035 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
07/20/2017	07/24/2017	24	▶	1868.0	3692.0	4881.0	45.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI	1780.0	▶				1977	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. SI	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)

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	805				
T/SALT	1156				
B/SALT	4617				
BRUSHY CANYON	7458				
1ST BONE SPRING SAND	9951				
2ND BONE SPRING SAND	10530				
3RD BONE SPRING SAND	11682				
WOLFCAMP	12147				

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 #382589 Verified by the BLM Well Information System.
For EOG RESOURCES INC, sent to the Hobbs

Name (please print) KAY MADDOX Title REGULATORY ANALYST

Signature  (Electronic Submission) Date 07/26/2017

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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