

District I

1625 N. French Dr., Hobbs, NM 88240

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

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

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

OIL CONSERVATION
ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

OCT 07 2019

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 - 025-44764 | ⁵ Pool Name SANDERS TANK; UPPER WOLFCAMP | ⁶ Pool Code 98097 |
| ⁷ Property Code 321381 | PHILLY 31 FEDERAL COM | ⁹ Well Number 707H |

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 1755' | East/West line EAST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|----------------------|------------------------|------------------------|---------------|

¹¹ Bottom Hole Location

| | | | | | | | | | |
|-----------------------------|---|--------------------------------------|-----------------------------------|------------------------------------|-------------------------------------|----------------------|------------------------|------------------------|---------------|
| UL or lot no. A | Section 30 | Township 26S | Range 34E | Lot Idn | Feet from the 111' | North/South NORTH | Feet from the 1225' | East/West line EAST | County LEA |
| 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 | | | | |

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 06/20/2019 | ²² Ready Date 09/09/2019 | ²³ TD 20,330' | ²⁴ PBTD 20,294' | ²⁵ Perforations 12,919-20,294' | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 12 1/2" | 9 5/8" | 987' | 510 SXS CL C/CIRC | | |
| 8 3/4" | 7 5/8" | 12,061' | 1437 SXS CL C/SURF | | |
| 6 3/4" | 5 1/2" | 20,306' | 770 SXS CL H/TOC 6350' 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 2479 |
| ³⁷ Choke Size 64 | ³⁸ Oil 3172 BOPD | ³⁹ Water 12145 BWPD | ⁴⁰ Gas 5670 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:

10/21/19 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

5. Lease Serial No.
NMNM110840

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

2. Name of Operator
EOG RESOURCES, INC

Contact: KAY MADDOX
E-Mail: kay_maddox@eogresources.com

8. Well Name and No.
PHILLY 31 FEDERAL COM 707H

9. API Well No.
30-025-44764

3a. Address
PO BOX 2267 ATTENTION: KAY MADDOX
MIDLAND, TX 79702

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T26S R34E Mer NMP SWNE 290FSL 1755FEL
32.001066 N Lat, 103.506045 W Lon

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 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.

07/06/2019 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 12,919-20,294', 1440 3 1/8" SHOTS FRAC 18,448,190 LBS
PROPPANT, 238,425 BBLs LOAD FLUID
08/21/2019 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 #486444 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 ****



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

October 4, 2019

State of New Mexico
Oil Conservation Division – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Request for exception to Rule 107 J
Tubingless Completion
PHILLY 31 FEDERAL COM #707H

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.

Kay Maddox
Regulatory Analyst

Form 3160-4
(August 2007)

HOBBS OCD
OCT 18 2019

BLM OIL CONSERVATION
ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 07 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 31 T26S R34E Mer NMP
At surface SWNE 280FSL 1755FEL 32 001066 N Lat, 103.506045 W Lon
Sec 31 T26S R34E Mer NMP
At top prod interval reported below SENE 281FSL 1300FEL 32.001042 N Lat, 103.504577 W Lon
Sec 30 T26S R34E Mer NMP
At total depth NENE 111FNL 1225FEL 32.021366 N Lat, 103.504364 W Lon

5. Lease Serial No.
NMNM110840

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No.
PHILLY 31 FEDERAL COM 707H

9. API Well No.
30-025-44764

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
06/20/2019 15. Date T.D. Reached
07/05/2019 16. Date Completed
☐ D & A ☒ Ready to Prod.
09/09/2019

17. Elevations (DF, KB, RT, GL)*
3350 GL

18. Total Depth: MD 20330 TVD 12747 19. Plug Back T.D.: MD 20294 TVD 12747 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 |
|-----------|---------------|------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.500 | 9.625 J55 | 40.0 | | 987 | | 510 | | 0 | |
| 8.750 | 7.625 HCP-110 | 29.7 | | 12061 | | 1437 | | 0 | |
| 8.750 | 5.500 ICYP110 | 20.0 | | 20306 | | 770 | | 6350 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 | 12919 | 20294 | 12919 TO 20294 | 3.250 | 1440 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 12919 TO 20294 | 18,448,190 LBS PROPPANT;238,425 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 | → | 3172.0 | 5670.0 | 12145.0 | 43.0 | | 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 | |
| 64 | SI | 2479.0 | → | | | | 1787 | 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 | | → | | | | | | |

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

ELECTRONIC SUBMISSION #486496 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 O.I. 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 O.I. 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 | 833 | | BARREN | RUSTLER | 833 |
| T/SALT | 1463 | | BARREN | T/SALT | 1463 |
| B/SALT | 5102 | | OIL & GAS | B/SALT | 5102 |
| BRUSHY CANYON | 7991 | | OIL & GAS | BRUSHY CANYON | 7991 |
| 1ST BONE SPRING SAND | 10555 | | OIL & GAS | 1ST BONE SPRING SAND | 10555 |
| 2ND BONE SPRING SAND | 11098 | | OIL & GAS | 2ND BONE SPRING SAND | 11098 |
| 3RD BONE SPRING SAND | 12102 | | OIL & GAS | 3RD BONE SPRING SAND | 12102 |
| WOLFCAMP | 12545 | | OIL & GAS | WOLFCAMP | 12545 |

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 #486496 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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****