

OCD - HOBBS
04/09/2020
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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.
NMNM110836

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion 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 INCORPORATED** Contact: **KAY MADDOX**
 E-Mail: **kay_maddox@eogresources.com**

8. Lease Name and Well No.
FEARLESS 23 FED COM 507H

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

9. API Well No.
30-025-45216-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Sec 23 T25S R32E Mer NMP NWNW 297FNL 695FWL 32.122437 N Lat, 103.652093 W Lon**
 At top prod interval reported below **Sec 23 T25S R32E Mer NMP NWNW 452FNL 1022FWL 32.122009 N Lat, 103.651036 W Lon**
 At total depth **Sec 26 T25S R32E Mer NMP SWSW 119FSL 1034FWL 32.094577 N Lat, 103.650895 W Lon**

10. Field and Pool, or Exploratory
WC025G08S253235G-LWR BONE SPR

11. Sec., T., R., M., or Block and Survey or Area
Sec 23 T25S R32E Mer NMP

12. County or Parish
LEA 13. State
NM

14. Date Spudded
05/30/2019 15. Date T.D. Reached
06/20/2019 16. Date Completed
 D & A Ready to Prod.
12/02/2019

17. Elevations (DF, KB, RT, GL)*
3431 GL

18. Total Depth: MD **20460** TVD **10514** 19. Plug Back T.D.: MD **20460** TVD **10514** 20. Depth Bridge Plug Set: MD **20460** TVD **10514**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3431 GL 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		917		940		0	
12.250	9.625 J55	40.0		4645		1545		0	
8.750	5.500 ICYP110	20.0		20441		3085		7340	

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) BONE SPRING	10455	20460	10455 TO 20460	3.000	2157	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10455 TO 20460	26,014,542 LBS PROPPANT; 420,434 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
12/02/2019	12/11/2019	24	→	1903.0	4362.0	7853.0	42.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128	SI	830.0	→	1903	4362	7853	2293	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.	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 #496206 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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	779		BARREN	RUSTLER	779
TOP OF SALT	1036		BARREN	TOP OF SALT	1036
BASE OF SALT	4496		OIL & GAS	BASE OF SALT	4496
BRUSHY CANYON	7111		OIL & GAS	BRUSHY CANYON	7111
BONE SPRING 1ST	9721		OIL & GAS	BONE SPRING 1ST	9721
BONE SPRING 2ND	10279		OIL & GAS	BONE SPRING 2ND	10279

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 #496206 Verified by the BLM Well Information System.

For EOG RESOURCES INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/06/2020 (20CRW0026SE)

Name (please print) KAY MADDOX

Title REGULATORY SPECIALIST

Signature _____ (Electronic Submission)

Date 12/17/2019

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #496206

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM110836	NMNM110836
Agreement:		
Operator:	EOG RESOURCES, INC PO BOX 2267 MIDLAND, TX 79702 Ph: 432-686-3658	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: KAY_MADDOX@EOGRESOURCES.COM Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Tech Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: KAY_MADDOX@EOGRESOURCES.COM Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Well Name: Number:	FEARLESS 23 FEDERAL COM 507H	FEARLESS 23 FED COM 507H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 23 T25S R32E Mer NMP	Sec 23 T25S R32E Mer NMP
Surf Loc:	NWNW 297FNL 695FWL 32.122437 N Lat, 103.652093 W Lon	NWNW 297FNL 695FWL 32.122437 N Lat, 103.652093 W Lon
Field/Pool:	WC025G08S253235G;LWR BS	WC025G08S253235G-LWR BONE SPR
Logs Run:		3431 GL
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	RUSTLER T/SALT B/SALT BRUSHY CANYON 1ST BONE SPRING SAND 2ND BONE SPRING SAND	RUSTLER TOP OF SALT BASE OF SALT BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND
Markers:	RUSTLER T/SALT B/SALT BRUSHY CANYON 1ST BONE SPRING SAND 2ND BONE SPRING SAND	RUSTLER TOP OF SALT BASE OF SALT BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND