

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

HOBBS OCD
000 Hobbs
12/24/2018
RECEIVED

5. Lease Serial No.
NMNM108503

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CABALLO 23 FED 704H

9. API Well No.
30-025-43878-00-S1

10. Field and Pool, or Exploratory
BOBCAT DRAW-UPR WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T25S R33E Mer NMP

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3341 GL

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 1111 BAGBY SKY LOBBY2
HOUSTON, TX 77002 3a. Phone No. (include area code)
Ph: 432-686-3658

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 23 T25S R33E Mer NMP
SESW 300FSL 1790FWL 32.109600 N Lat, 103.545877 W Lon
At top prod interval reported below Sec 23 T25S R33E Mer NMP
SESW 602FSL 1787FWL 32.110430 N Lat, 103.545886 W Lon
At total depth Sec 14 T25S R33E Mer NMP
NESW 2410FSL 1796FWL 32.129914 N Lat, 103.545855 W Lon

14. Date Spudded
04/09/2018 15. Date T.D. Reached
06/05/2018 16. Date Completed
 D & A Ready to Prod.
08/09/2018

18. Total Depth: MD 19757 TVD 12341 19. Plug Back T.D.: MD 19648 TVD 12341 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 Cements Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1155		985		0	
12.250	9.625 J-55	40.0	0	4948		1600		0	
8.750	7.625 HCP-110	29.7	0	11747		475		1295	
6.750	5.500 ECP-110	20.0	0	19747		755		6300	

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	12660	19648	12660 TO 19648	3.000	1488	OPEN PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12660 TO 19648	FRAC W/17,709,280 LBS PROPPANT;245,226 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
08/09/2018	08/12/2018	24	→	3415.0	6823.0	12980.0	40.0		FLows FROM WELL
Choke Size	Tbg. Press. Flwg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI	2381.0	→	3415	6823	12980	1998	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. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD
OCT 17 2018
Dorah Negrete
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #432915 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 2/9/2019

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	1125		BARREN	RUSTLER	1125
TOP OF SALT	1630		BARREN	TOP OF SALT	1630
BASE OF SALT	4800		BARREN	BASE OF SALT	4800
BRUSHY CANYON	7647		OIL & GAS	BRUSHY CANYON	7647
BONE SPRING 1ST	10168		OIL & GAS	BONE SPRING 1ST	10168
BONE SPRING 2ND	10727		OIL & GAS	BONE SPRING 2ND	10727
BONE SPRING 3RD	11814		OI & GAS	BONE SPRING 3RD	11814
WOLFCAMP	12272		OIL & GAS	WOLFCAMP	12272

32. Additional remarks (include plugging procedure):
PLEASE REFERENCE ATTACHMENTS

PLEASE NOTE POOL CHANGE - BOBCAT DRAW; UPPER WOLFCAMP

RAN CEMENT BOND LOG - TOC OF CEMENT FOR 5 1/2" CSG WAS @ 6300', DETERMINED BY CBL

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 #432915 Verified by the BLM Well Information System.
For EOG RESOURCES INC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/06/2018 (18DW0254SE)**

Name (please print) KAY MADDOX Title REGULATORY SPECIALIST

Signature _____ (Electronic Submission) Date 08/27/2018

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.

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

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1009 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43878		² Pool Code 98094		³ Pool Name Bobcat Draw; Upper Wolfcamp	
⁴ Property Code 38481		⁵ Property Name CABALLO 23 FED			⁶ Well Number #704H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3341'

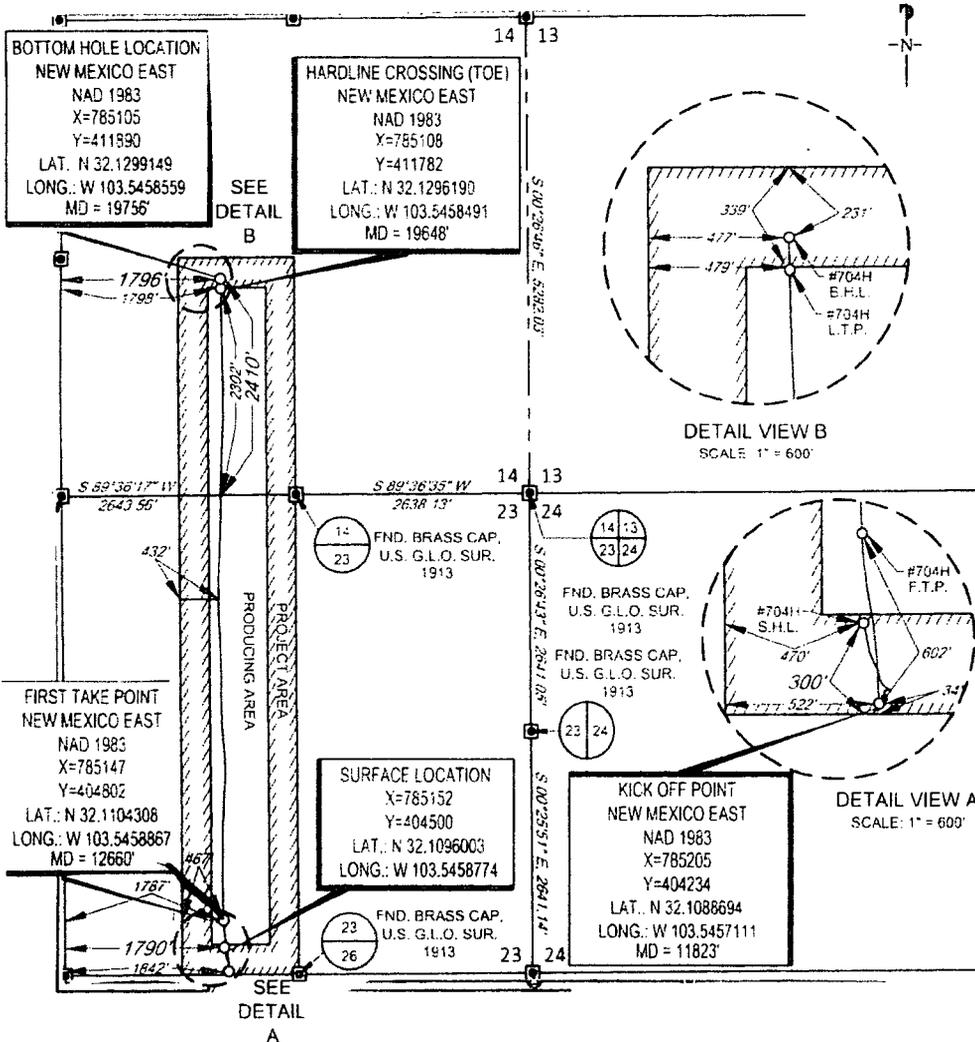
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	25-S	33-E	-	300'	SOUTH	1790'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	14	25-S	33-E	-	2410'	SOUTH	1796'	WEST	LEA

¹² Dedicated Acres 240.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kay Maddox 8/24/2018
Signature Date

KAY MADDOX
Printed Name

E-mail Address

¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

09/26/2017
Date of Survey
Signature of Professional Surveyor

MICHAEL BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

SCALE: 1" = 2000'

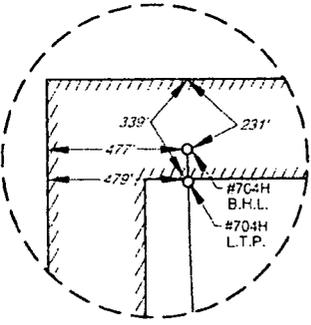
0' 1000' 2000'

SECTION 23, TOWNSHIP 25-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

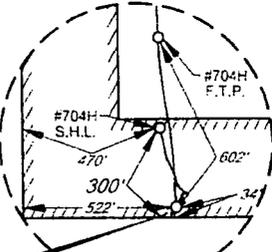
BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1983
X=785105
Y=411890
LAT.: N 32.1299149
LONG.: W 103.5458559
MD = 19756'

HARDLINE CROSSING (TOE)
NEW MEXICO EAST
NAD 1983
X=785108
Y=411782
LAT.: N 32.1296190
LONG.: W 103.5458491
MD = 19548'

POINT	UTM ZONE 13 COORDINATES
SHL	X=2990522.31E Y=11658472.94E
KCF	X=2990577.33E Y=11658207.76E
FTP	X=2990515.35E Y=11658774.93E
LTP	X=2990432.79E Y=11665754.11E
BHL	X=2990429.24E Y=11665861.71E



DETAIL VIEW B
SCALE: 1" = 600'



DETAIL VIEW A
SCALE: 1" = 600'

FIRST TAKE POINT
NEW MEXICO EAST
NAD 1983
X=785147
Y=404902
LAT.: N 32.1104398
LONG.: W 103.5458867
MD = 12660'

SURFACE LOCATION
X=785152
Y=404500
LAT.: N 32.1095003
LONG.: W 103.5458774

KICK OFF POINT
NEW MEXICO EAST
NAD 1983
X=785205
Y=404234
LAT.: N 32.1088694
LONG.: W 103.5457111
MD = 11823'

LEASE NAME & WELL NO.: CABALLO 23 FED COM #704H
SECTION 23 TWP 25-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3341'
DESCRIPTION 300' FSL & 1790' FWL



1400 EVERMAN PARKWAY, Ste 146 - FT. WORTH TEXAS 76140
TELEPHONE (817) 744-7512 • FAX (817) 744-7554
2902 NORTH BIG SPRING - MIDLAND, TEXAS 79705
TELEPHONE (432) 687-1653 OR (800) 767-1653 • FAX (432) 687-1743
WWW.TOPOGRAPHIC.COM

Michael Blake Brown, P.S. No. 18329
AUGUST 6, 2018



CABALLO 23 FED COM #704H AS-COMPLETED	REVISION:
DATE: 08/06/2018	
FILE:AD_CABALLO_23_FED_COM_704H	
DRAWN BY: A.M.D.	
SHEET: 1 OF 1	

NOTES
1. ORIGINAL DOCUMENT SIZE 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.