

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. 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 FED 607H 707H

3. Address 1111 BAGBY SKY LOBBY2 HOUSTON, TX 77002 3a. Phone (include area code) Ph: 432-688-3658

9. API Well No. 30-025-43747-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SESE 768FSL 468FEL 32.023877 N Lat, 103.587254 W Lon
 At top prod interval reported below SESE 394FSL 809FEL 32.022849 N Lat, 103.588242 W Lon
 At total depth NENE 109FNL 828FEL 32.035971 N Lat, 103.588425 W Lon

10. Field and Pool, or Exploratory SANDERS TANK-UPR 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 05/23/2018 15. Date T.D. Reached 07/17/2018 16. Date Completed D & A Ready to Prod. 08/28/2018

17. Elevations (DF, KB, RT, GL)* 3240 GL

OCD
NOV 29 2018
RECEIVED

18. Total Depth: MD 17282 TVD 12261 19. Plug Back T.D.: MD 17250 TVD 12261 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3240 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		909		840		0	
12.250	9.625 J55	40.0		4810		1635		0	
8.750	7.625 HCP110	29.7		11670		945		1036	
6.750	5.500 HCP110	20.0		17261		554		11309	✓

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	12500	17250	12500 TO 17250	3.000	967	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12500 TO 17250	11,419,100 LBS PROPPANT, 184,191 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
08/28/2018	09/12/2018	24	→	2906.0	6001.0	2350.0	44.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
68	SI	727.0	→	2906	6001	2350	2065	POV	

ACCEPTED FOR RECORD
NOV 11 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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		→						

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	818		BARREN	RUSTLER	818
TOP OF SALT	1169		BARREN	TOP OF SALT	1169
BASE OF SALT	4630		BARREN	BASE OF SALT	4630
BRUSHY CANYON	7471		OIL & GAS	BRUSHY CANYON	7471
BONE SPRING 1ST	9964		OIL & GAS	BONE SPRING 1ST	9964
BONE SPRING 2ND	10543		OIL & GAS	BONE SPRING 2ND	10543
BONE SPRING 3RD	11695		OIL & GAS	BONE SPRING 3RD	11695
WOLFCAMP	12160		OIL & GAS	WOLFCAMP	12160

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 #437362 Verified by the BLM Well Information System.
For EOG RESOURCES INC, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 10/10/2018 (19DW001SSE)**

Name (please print) KAY MADDOX Title REGULATORY SPECIALIST

Signature _____ (Electronic Submission) Date 09/27/2018

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.

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) 745-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Sante 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.
Sante 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 30-025-43747		² Pool Code 98097		³ Pool Name Sanders Tank; Upper Wolfcamp	
⁴ Property Code 316102		⁵ Property Name ORRTANNA 20 FED			⁶ Well Number #707H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3240'

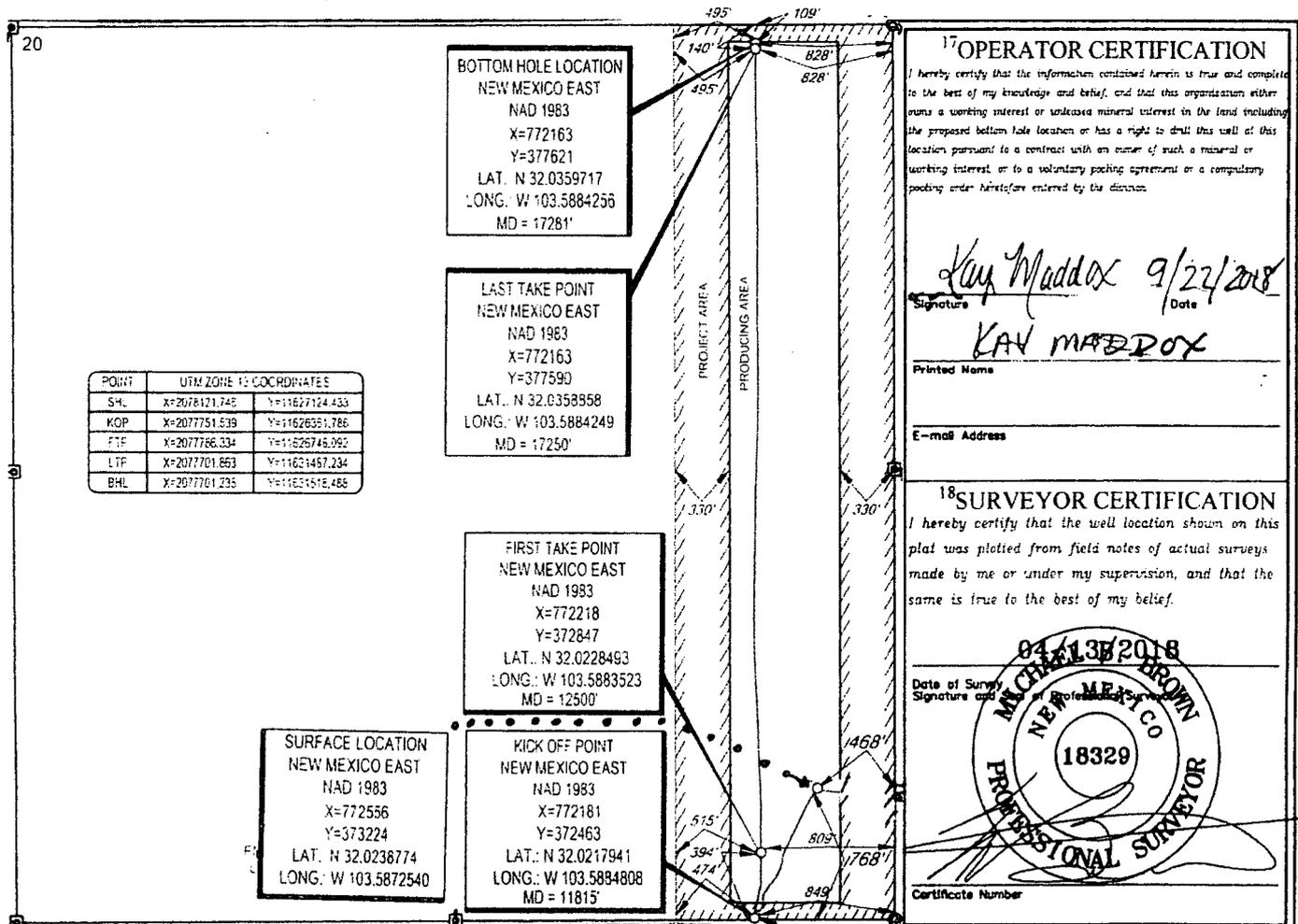
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	26-S	33-E	-	768'	SOUTH	468'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	26-S	33-E	-	109'	NORTH	828'	EAST	LEA

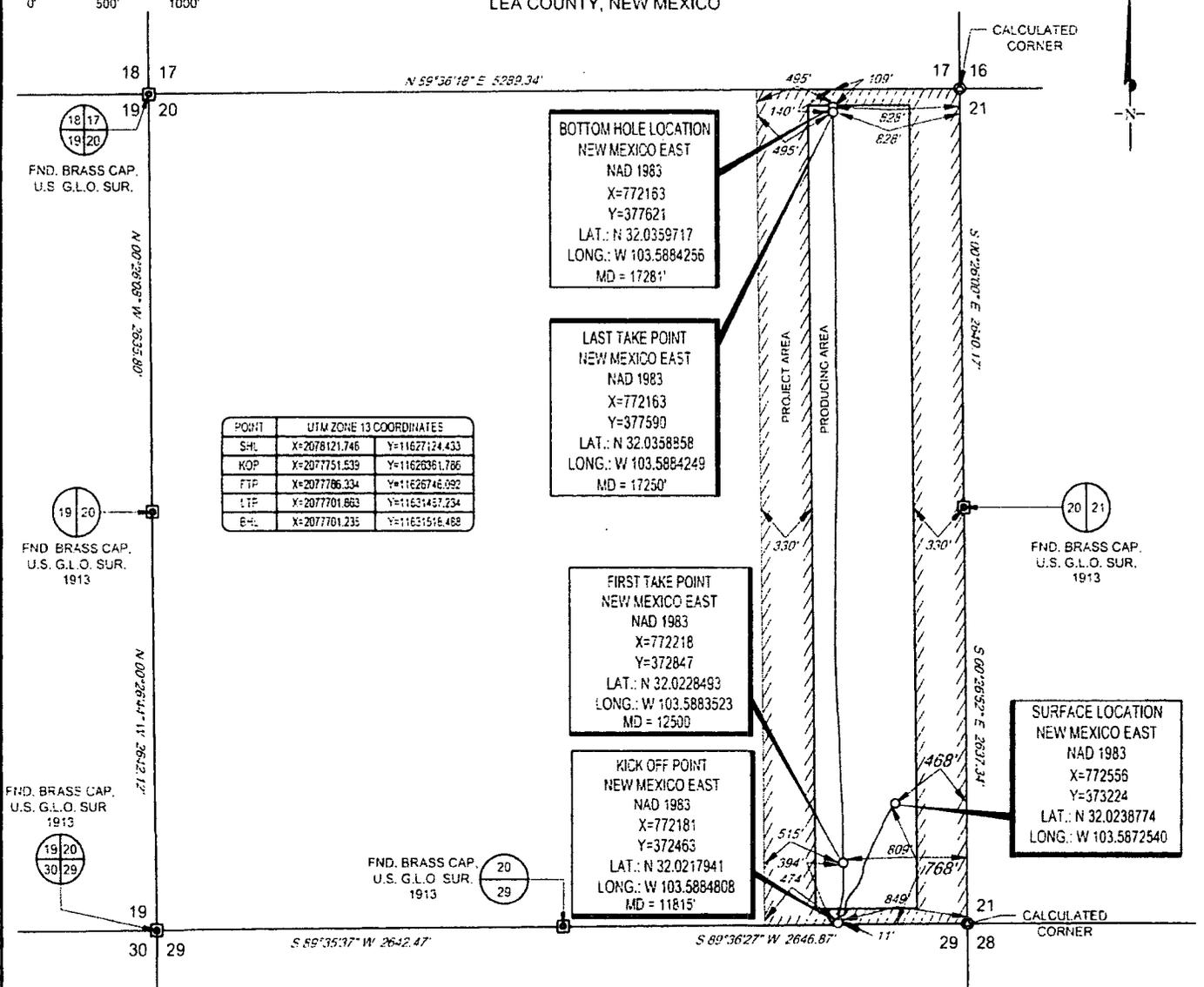
¹¹ Dedicated Acres 160.00	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



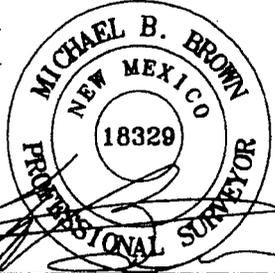
SCALE: 1" = 1000'

SECTION 20, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



POINT	UTM ZONE 13 COORDINATES	
SHL	X=2078121.746	Y=11627124.433
KOP	X=2077751.539	Y=11626361.786
FTP	X=2077786.334	Y=11626746.092
LTP	X=2077701.863	Y=11631457.234
BHL	X=2077701.235	Y=11631516.488

LEASE NAME & WELL NO.: ORRTANNA 20 FED #707H
 SECTION 20 TWP 26-S RGE 33-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3240'
 DESCRIPTION 468' FEL & 768' FSL



Michael Blake Brown, P.S. No. 18329
SEPTEMBER 04, 2018

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1406 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



ORRTANNA 20 FED #707H AS-DRILLED	REVISION:	NOTES:
DATE: 09/04/18		1. ORIGINAL DOCUMENT SIZE 8.5" x 11"
FILE: AD_ORRTANNA20FED_707H		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.
DRAWN BY: JDR		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.
SHEET: 1 OF 1		