Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
JUN 10 2019
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM132076

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: CAZA OPERATING LLC
Contact: STEVE MORRIS
E-Mail: steve.morris@mojoenergy.com

8. Lease Name and Well No.: DESERT ROSE 17 8 FEDERAL COM 1H

3. Address: 200 NORTH LORRAINE SUITE 1550, MIDLAND, TX 79701

3a. Phone No. (include area code): Ph: 403-923-9750

9. API Well No.: 30-025-42972-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 17 T20S R35E Mer NMP SWSW 190FSL 467FWL 32.566442 N Lat, 103.486514 W Lon
At top prod interval reported below: Sec 17 T20S R35E Mer NMP SWSW 190FSL 467FWL 32.566442 N Lat, 103.486514 W Lon
At total depth: Sec 8 T20S R35E Mer NMP NWSW 2595FSL 468FWL 32.587557 N Lat, 103.486490 W Lon

10. Field and Pool, or Exploratory: FEATHERSTONE

11. Sec., T., R., M., or Block and Survey or Area: Sec 17 T20S R35E Mer NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 12/08/2018

15. Date T.D. Reached: 01/09/2019

16. Date Completed ☐ D & A ☒ Ready to Prod. 03/02/2019

17. Elevations (DF, KB, RT, GL)*: 3715 KB

18. Total Depth: MD 19215 TVD 11448

19. Plug Back T.D.: MD 19095 TVD 11288

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMARAY MUDLOG

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	0	1851		1290	358	0	
12.250	9.625 L80	40.0	0	3906	3906	1139	69	0	
8.750	5.500 P110	20.0	0	19214		2574	918	4520	
12.250	9.625 HCL-80	40.0	3906	5612	3906	745	212	3906	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	11088	11097						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING 3RD	11435	19121	11616 TO 19121	0.000	1560	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
11616 TO 19121	16,353,310 LBS. OF 40/70 WHITE & 3,567,770 LBS. OF SLC

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
03/02/2019	03/11/2019	24	→	454.0	501.0	446.0	36.0		Flows From Well
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
28/64	SI 580	1050.0	→	454	501	446		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**	
			→						

ACCEPTED FOR RECORD
APR 28 2019
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #458246 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Reclamation Due: 9/2/2019

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
BONE SPRING 1ST	9738	10124	SAND		
BONE SPRING 2ND	10438	10963	SAND		
BONE SPRING 3RD	11435		SAND		

32. Additional remarks (include plugging procedure):

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 #458246 Verified by the BLM Well Information System.
For CAZA OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 04/09/2019 (19DMH0072SE)

Name *(please print)* STEVE MORRIS Title CONTRACT ENGINEER

Signature (Electronic Submission) Date 03/16/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** 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
1000 Rio Brazos Rd., 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 and Natural Resources Department

OIL CONSERVATION DIVISION

1226 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-42972	24250	Featherstone; Bone Spring

Property Code	Property Name	Well Number
317383	DESERT ROSE 17-8 FED COM	1H

OGRID No.	Operator Name	Elevation
249099	CAZA OPERATING, LLC.	3692'

Surface Location

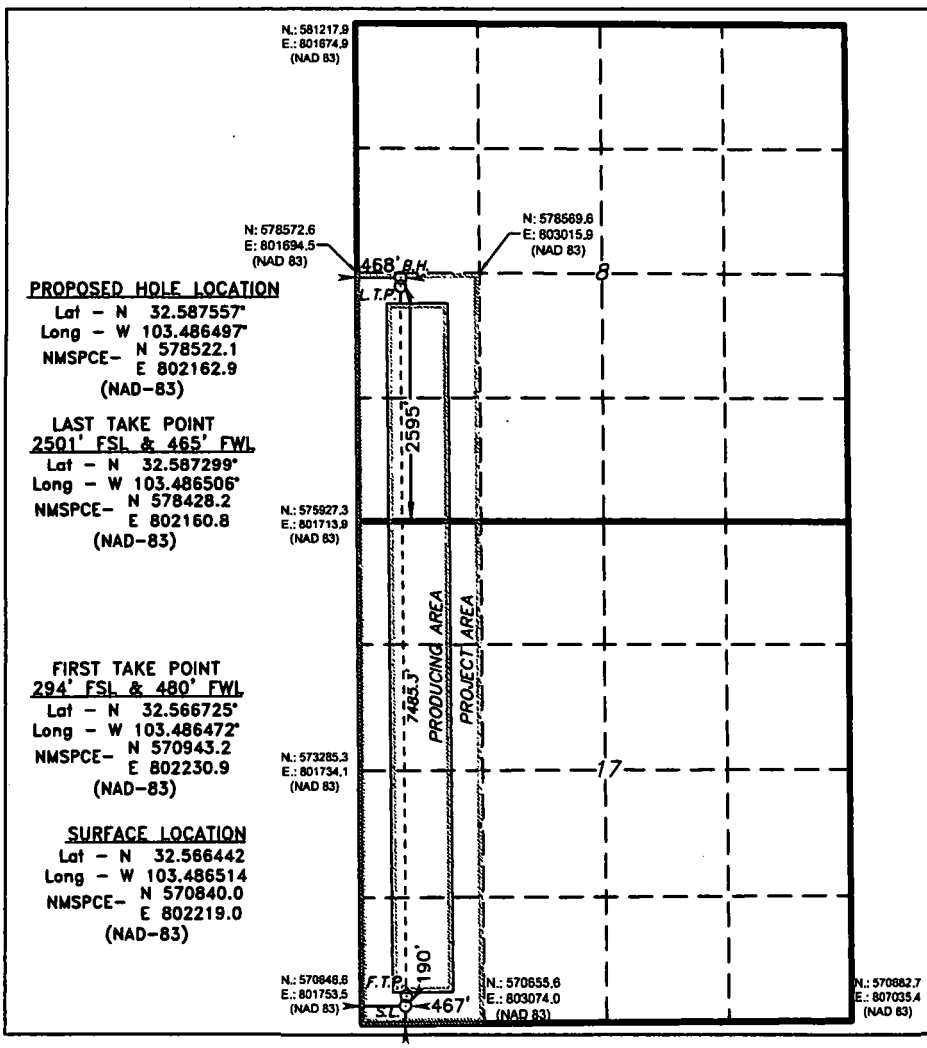
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
M	17	20 S	35 E		190	SOUTH	467	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
L	8	20 S	35 E		2595	SOUTH	468	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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



PROPOSED HOLE LOCATION
Lat – N 32.587557°
Long – W 103.486497°
NMSPCE– N 578522.1
E 802162.9
(NAD-83)

LAST TAKE POINT
2501' FSL & 465' FWL
Lat – N 32.587299°
Long – W 103.486506°
NMSPCE– N 578428.2
E 802160.8
(NAD-83)

FIRST TAKE POINT
294' FSL & 480' FWL
Lat – N 32.566725°
Long – W 103.486472°
NMSPCE– N 570943.2
E 802230.9
(NAD-83)

SURFACE LOCATION
Lat – N 32.566442
Long – W 103.486514
NMSPCE– N 570840.0
E 802219.0
(NAD-83)

OPERATOR 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 unleased 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.

03/16/2019
Signature Date

Steve Morris
Printed Name

steve.morris@morcorengineering.com
Email Address

SURVEYOR 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 supervison, and that the same is true and correct to the best of my belief.

MARCH 15, 2019
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate Number Gary L. Jones 7977

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'
WO Num.: 34430