

HOLDS OCD  
APR 10 2017  
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AMENDED 1/31/2017

NMOCD  
Hobbs

CONFIDENTIAL

Form 3160-4  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No.  
SHL: NMNM04452; BH: NMNM57285

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

2. Name of Operator **MATADOR PRODUCTION COMPANY**

7. Unit or CA Agreement Name and No.

**543950-001 NM-136533**

3. Address **P.O. BOX 1936, ROSWELL, NM 88202-1936**

3a. Phone No. (include area code)  
**575-623-6601**

8. Lease Name and Well No.  
**Mallon 27 Federal Com #2H**

9. API Well No.  
**30-025-42315 0051**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **330 1780**  
**401' FSL & 2049' FEL**

At top prod. interval reported below

At total depth **Sec. 22, 2431'S, 1940'E**

10. Field and Pool, or Exploratory  
**Quail Ridge; Bone Spring**

11. Sec., T., R., M., on Block and  
Survey or Area **Sec. 27: T19S, R34E**

12. County or Parish **Lea** 13. State  
**NM**

14. Date Spudded  
**08/18/2016**

15. Date T.D. Reached  
**09/14/2016**

16. Date Completed **11/29/2016**  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**3,716' GL**

18. Total Depth: MD **18,297'**  
TVD **10,752'**

19. Plug Back T.D.: MD  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**MWD/GR**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

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 1/2"	13 3/8"	54.5#	0	1,852'		2,675 sxs	C 103	Surface	none
12 1/4"	9 5/8"	40#	0	5,587'		1,817 sxs	C 291	Surface	none
8 3/4"	5 1/2"	20#	0	18,258'		2,717 sxs	C 299	1600'	none

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Quail Ridge; Bone Spring</b>	<b>11,031'</b>	<b>18,119'</b>	<b>11,031'-18,119'</b>	<b>0.000</b>	<b>864</b>	<b>Open</b>
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
<b>11,031'-18,119'</b>	<b>12023886 GALS FLUID, 21782980# SAND</b>

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
<b>12/01/2016</b>	<b>12/20/2016</b>	<b>24</b>	<b>→</b>	<b>2427</b>	<b>1387</b>	<b>2895</b>	<b>43.8</b>	<b>n/a</b>	<b>Flowing</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>34/64"</b>	<b>n/a</b>	<b>1414</b>	<b>→</b>						

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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>						

\*(See instructions and spaces for additional data on page 2)

RECLAMATION DUE:  
JUN 01 2017

DAVID R. GLASS  
PETROLEUM ENGINEER

MAR 30 2017

Kt

## 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	9670	9715	Oil	Bone Spring LS	8315
Bone Spring	9820	9830	Oil	1st Bone Spring Sd	9540
Bone Spring	10490	10540	Oil	2nd Bone Spring Sd	10065
Bone Spring	10940	TD	Oil	3rd Bone Spring Sd	10675
			No Cores No DST's		

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
☐ Core Analysis   
☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tammy R. LinkTitle Production AnalystSignature Date 01/10/2017

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.