NMOCD Hobbs AMENDED 1/31/2017

CONFIDENTIAL

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
APR 10 2017
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

7. Unit or CA Agreement Name and No. ~~543950-001~~ NM-136534

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

8. Lease Name and Well No. **Mallon 27 Federal Com #3H**

3. Address **P.O. BOX 1936, ROSWELL, NM 88202-1936**
3a. Phone No. *(include area code)* **575-623-6601**

9. AFI Well No. **30-025-41808** 0051

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface **260' FSL & 2080' FWL**
At top prod. interval reported below
At total depth **Sec. 22: 2378' S 2027'W**

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 **09/21/2016**
15. Date T.D. Reached **10/24/2016**
16. Date Completed **11/30/2016** ☐ D & A ☑ Ready to Prod.
17. Elevations (DF, RKB, RT, GL)* **3709' GL**

18. Total Depth: MD **18,260'** TVD **10,754'**
19. Plug Back T.D.: MD **18,107'** 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	1,818'		2,658 sxs	C 103	Surface	none
12 1/4"	9 5/8"	40#	0	5,600'		1,822 sxs	C 291	Surface	none
8 3/4"	5 1/2"	20#	0	18,205'		2,877 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		

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Quail Ridge;Bone Spring	11,086'	18,058'	11,086'-18,058'	0.000	864	Open
B) 3rd Sand						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11,086'-18,058'	11948958 GALS FLUID, 21189686# SAND

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
12/02/2016	12/19/2016	24		2245	1035	3637	42.3	n/a	Flowing
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
34/64"	n/a	1482					0	pumping	

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
LORI'S SIGN DAVID R GLASS
MAR 30 2017

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

RECLAMATION DUE:
JUN 02 2017

DAVID R. GLASS
PETROLEUM ENGINEER

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 itmes 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. Link** Title **Production Analyst**

Signature Tammy R. Link 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.