

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCD-HOBBS

SEP 26 2008

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resrv.,  
Other.

5. Lease Serial No  
NM40406

6 If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2 Name of Operator  
Matador Production Company

8 Lease Name and Well No.  
Federal 6 No. 1

3. Address 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240

3a. Phone No. (include area code)  
972-371-5200

9. AFI Well No  
30-025-30688

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

Unit Letter C: 660' FNL and 1980' FWL Section 6, T20S, R34E

At surface

10. Field and Pool or Exploratory  
Wildcat Delaware

11 Sec., T, R., M., on Block and  
Survey or Area Sec 6, T20S, R34E

At top prod. interval reported below

12. County or Parish

13. State

Lea

NM

At total depth

14. Date Spudded  
11/17/1989

15. Date T D Reached

16 Date Completed

☐ D & A ☒ Ready to Prod

17. Elevations (DF, RKB, RT, GL)\*  
3633 KB

18. Total Depth: MD  
TVD 13645

19. Plug Back T.D.: MD  
TVD 9265

20 Depth Bridge Plug Set: MD  
TVD 9265

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

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
26"	20" K55	106.5, 94	0	1458		2000 sx		surface (circ)	
17-1/2"	13-3/8" H80	68 & 61	0	3159		2900 sx		surface (circ)	
12-1/4"	9-5/8" N80	40	0	5180	3197	1500 sx		surface (circ)	
8-3/4"	5-1/2" S95*	17	0	13645	10493	2650 sx		2250' (TS)	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	8355							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Lower Delaware	8090	8255	8090-8094		5	open
B)			8168-8178		11	open
C)			8230-8255		26	open
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8090-8255	70,000 lbs 16/30 sand and RCS

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
3-21-08	3-21-08	24	→	0	0	122			1-1/2" rod pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	0	0	122		Shut in	

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	
			→						

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

ACCEPTED FOR RECORD

/S/ DAVID R. GLASS

SEP 20 2008

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 (Solid, used for fuel, vented, etc.)

## 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

32. Additional remarks (include plugging procedure):

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

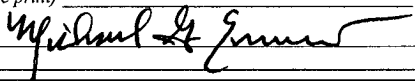
- ☐ Electrical/Mechanical Logs (1 full set req'd)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other.

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) Michael G. Ernest

Title Chief Engineer

Signature



Date 09/02/2008

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.

(Continued on page 3)

(Form 3160-4, page 2)