

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM14794

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 ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Matador Operating Company

3. ADDRESS AND TELEPHONE NO.

310 W. Wall, Ste. 906 Midland, TX 79701 915-687-5955

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

460' FNL, 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Lea County

13. STATE

NM

15. DATE SPUDDED

12/28/89

16. DATE T.D. REACHED

02/11/90

17. DATE COMPL. (Ready to prod.)

11/19/02

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

3600 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13750

21. PLUG, BACK T.D., MD & TVD

7770

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

7590 - 7594 Crazy Horse; Delaware

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gr CNL DLL LDT CBL

27. WAS WELL CORED

No

28.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	48 & 54.5	465	17 1/2	400 sx Class C	
9 5/8	40	4943	12 1/4	2405 sx Class C	
5 1/2	17	13750	8 3/4	1460 sx Class H	

29.

LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	7524	None

31. PERFORATION RECORD (Interval, size and number)

7590-7594 6 SPF

Plugged Perf: 7809-7812, 3 SPF; 12330-12343, 13464-13478, 13439-13446, 13464-13467, 13440-13443, 13561-13563, 13553-13556

CIBP @ 13619, 13514, 12450, 12280, 7770

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7590-7594	Frac: 72500 lbs 20/40 & 73850 gals XL Borate
7809-7812	Acid: 500 gals 7-1/2% NEFE
12330-12343	Acid: 2500 gals 15% HCL NEFE
13440-13467	Acid: 1000 gals 15% HCL

33. *

PRODUCTION

DATE FIRST PRODUCTION 11/08/02		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping 2-1/2" x 1-3/4" x 24' RHBC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11/20/02	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL---BBL. 41	GAS---MCF. 45	WATER---BBL. 147	GAS-OIL RATIO 1098
FLOW. TUBING PRESS. na	CASING PRESSURE na	CALCULATED 24-HOUR RATE →	OIL---BBL.	GAS---MCF.	WATER---BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

ACCEPTED FOR RECORD TEST WITNESSED BY

(OFFIC. SGD.) DAVID R. GLASS

DEC 10 2002

35. LIST OF ATTACHMENTS

3160-5

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Rus Mathis

TITLE

Production Manager

DAVID R. GLASS

PETROLEUM ENGINEER

DATE 12/05/02

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	Bottom	DESCRIPTION, CONTENTS, ETC.
Delaware	6105	6155	Sandstone, Silty, 14% porosity-slight show oil, no test
Bone Spring	9910	9945	Sandstone, Silty, 10% porosity-fair oil show, no test
Wolfcamp	11320	11330	Limestone, tan-light gray, white, slight show gas, no test
Strawn	12332	12342	Limestone, cherty, 2% porosity, good gas & oil show, no test
Atoka	12500	12520	Sandstone, fine grained-6% porosity-good gas show, no test
Upper Morrow	13052	13064	Sandstone, coarse to fine, fair gas show. Gas Producing zone. Sidewall cored.
Middle Morrow	13198	13534	Sandstone, shale, limestone .57 net feet porous sandstone. Gas shows porosity
Lower Morrow	13633	13639	5-11%, Tested non-commercial gas. Sidewall cored. Sandstone, coarse grained, gas show 8% porosity. Tested non-productive. Sidewall cored.

38. GEOLOGICAL MARKERS			
NAME	MEAS. DEPTH	TRUE DEPTH	NAME
			TOP
Rustler	1237		Atoka Ls
Salado	1590		Morrow
Base Salt	2185		Middle Morrow
Yates	3005		Lower Morrow
Delaware	5156		
Bone Springs	7852		
Wolfcamp Chert	10941		
Strawn	12105		
Atoka	12412		
38. GEOLOGICAL MARKERS			
NAME	MEAS. DEPTH	TRUE DEPTH	NAME
			TOP
	12812		
	12956		
	13198		
	13534		

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 South Francis Dr., Santa Fe, NM 87504

State of New Mexico
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87504Form C-102
Revised August 15, 2000Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-30840		² Pool Code 13390	³ Pool Name Crazy Horse; Delaware
⁴ Property Code 022438	⁵ Property Name Maduro Federal Unit		⁶ Well Number 4
⁷ OGRID No. 014245	⁸ Operator Name Matador Operating Company		⁹ Elevation 3600 GR

¹⁰ Surface Location

UL or lot no. B	Section 29	Township 19S	Range 33E	Lot Idn	Feet from the 460	North/South line North	Feet from the 1980	East/West line East	County Lea
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¹¹ 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
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code U	¹⁵ 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

16		17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Printed Name Diane Kuykendall Title Production Analyst Date 12/05/02