

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240  
SUBMIT IN DUPLICATE\*  
(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM4315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Pipeline A Federal 8 #2

9. API WELL NO.

30-025-35632

10. FIELD AND POOL, OR WILDCAT

Quail Ridge N. Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec 8, T19S, R34E

12. COUNTY OR PARISH

Lea County

13. STATE

NM

## 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

660 FSL, 660 FEL

At top prod. interval reported below

At total depth

Unit P

14. PERMIT NO.

DATE ISSUED

15. DATE SPURRED

04/24/02

16. DATE T.D. REACHED

06/02/02

17. DATE COMPL. (Ready to prod.)

11/23/02

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

3805 KB

19. ELEV. CASINGHEAD

3785

20. TOTAL DEPTH, MD &amp; TVD

13700

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

13650

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)\*

13346 - 13377 Quail Ridge N. Morrow

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, Density Dual Spaced Neutron

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	448	17 1/2	180 sx Class C Light & 200 sx Class C	117 sx to pit
8 5/8	32	4010	11	1630 sx Interfill C & 250 sx Class C	554 sx to pit
5 1/2	17	13712	7 7/8	300 sx Interfill H & 500 sx Super H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	13441	13314

31. PERFORATION RECORD (Interval, size and number)

13443 - 13517 3 SPF  
13487 - 13489 6 SPF, .48 EH  
13556 - 13557 6 SPF, .40 EH  
13376 - 13377 6 SPF, .48 EH

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13443-13517	Frac: 55907 lb Carbo, 62000 gal CO2
13443-13517	Acid: 2000 gals 15% HCL

MAR 12 2003  
GARY GOURLEY  
PETROLEUM ENGINEER

33. \* PRODUCTION

DATE FIRST PRODUCTION 11/24/02		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 01/01/03	HOURS TESTED 24	CHOKE SIZE 48	PROD'N FOR TEST PERIOD →	OIL---BBL. 0	GAS---MCF. 97	WATER---BBL. 50	GAS-OIL RATIO FLUID VISC Hobbs GCD
FLOW. TUBING PRESS. 50	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

TEST WITNESSED BY  
Doug Little

35. LIST OF ATTACHMENTS

Logs, 3160-5, Deviation Report, C102

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

SIGNED

Russ Mathis

TITLE Production Manager

DATE 05/04/03

\*(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.
Wolfcamp	11350	11409	<p>DST</p> <p>10-59-90-178 min</p> <p>GTS 106 min</p> <p>Reversed out 110 bbls frothy oil/water - emulsion est. recovery of 3.1 bbls oil</p> <p>Sample chamber recovery: 0.63 cubic feet gas, 1300 cc Oil</p> <p>IHYD: 5070 psi</p> <p>IFP: 80-114 psi</p> <p>ISIP: 6394 psi</p> <p>FFP: 114-254 psi</p> <p>FSIP: 5788 psi</p> <p>FHYD: 5103 psi</p>
Lower Morrow	13443	13517	Gas

ELF 3/13/03  
 ABOVE DATE DOES NOT  
 INDICATE WHEN  
 CONFIDENTIAL LOGS  
 WILL BE RELEASED

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	5979		Upper Morrow	12913	
Bone Spring	7896		Middle Morrow	13142	
1st Bone Spring SS	9260		Lower Morrow	13422	
2nd Bone Spring SS	9778		Mississippian	13523	
3rd Bone Spring SS	10539				
Wolfcamp	10835				
Cisco	11872				
Canyon	12062				
Strawn	12155				
Atoka	12423				