

N.M. Oil Cons. Division
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1625 N. French Dr.
Hobbs, NM 88240
****AMENDED - Complete Date**

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

5. LEASE DESIGNATION AND SERIAL NO.
on NM4315

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

14. PERMIT NO. _____ DATE ISSUED _____

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

15. DATE SPUDDED 04/24/02 16. DATE T.D. REACHED 06/02/02 17. DATE COMPL. (Ready to prod.) 07/23/02 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3805 KB 19. ELEV. CASINGHEAD 3785

20. TOTAL DEPTH, MD & TVD 13700 21. PLUG, BACK T.D., MD & 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)

30. TUBING RECORD

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

33. PRODUCTION

DATE FIRST PRODUCTION 07/24/02		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 0.00
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 Run Mathis

TITLE Production Manager
PETROLEUM ENGINEER

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

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BUREAU OF LAND MANAGEMENT
POWELL OFFICE

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	5979	
Bone Spring	7896	
1st Bone Spring SS	9260	
2nd Bone Spring SS	9778	
3rd Bone Spring SS	10539	
Wolfcamp	10835	
Cisco	11872	
Canyon	12062	
Strawn	12155	
Atoka	12423	

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Upper Morrow	12913	
Middle Morrow	13142	
Lower Morrow	13422	
Mississippian	13523	