

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons. Division
825 N. French Dr.
Albuquerque, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

8910169050 NM-27572

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Laguna Deep Federal #3

9. API Well No.

30-025-27152

10. Field and Pool, or Exploratory Area

Gem Morrow, East (Gas)

11. County or Parish, State

Lea County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Matador Operating Company

3. Address and Telephone No.

310 W. Wall, Ste 906 Midland, TX 79701

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 1980' FWL
Sec 35 T19S R33E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

To recomplete to the 1st Bone Spring
See procedure attached

14. I hereby certify that the foregoing is true and correct.

Signed

David R. Glass

Title Production Manager

Date 2/18/00

(This space for Federal or State office use)

Approved by: DAVID R. GLASS
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date FEB 23 2000

BUREAU OF LAND MGMT.
ROSWELL OFFICE

2000 FEB 22 A 9:40

RECEIVED

Laguna Deep Fed Com # 3
Procedure To Recomlete To
1st Bone Spring ss

1. MIRUPU
2. Pump 30 BFW down tbg and 70 BFW down casing/tbg annulus.
3. ND tree. NU 6" 900 BOP w/ 7 1/16 5000 adapter ring gasket.
4. Release tbg from Otis WB PKR @ 12955' by rotating tbg to right. (J latch)
5. POH w/ 422 Jts 2 3/8" N-80 4.7# EUE 8rd AB MOD tbg. Do not replace damaged or missing teflon rings.
6. RU EL. RIH w/ 5" 17.93 # Junk Basket to PKR @ 12955'. **NOTE: Top of Liner @ 11947'**. POH. RIH w/ 10K CIBP on WL to 12954'. Set same. Dump bail 35' of cement on top of CIBP. RIH w/ 7" 26 # Junk Basket to 9800'. POH. Set 10K CIBP on WL @ 9800'. RD EL.
7. RIH w/ 7" CSG scraper on 2 3/8" tbg to 9800'. Circ hole w/ 10 BBLS 15 % HCL acid followed by 450 BBLS 2 % KCL.
8. Test CIBP and CSG to 4000 PSI
9. POH w/ tbg. LD 3400' of excess tbg.
10. RU EL. Run CBL From 9800' to 8800' w/ 1500 PSI pressure. If bond looks questionable, rerun log from 9550' to 9300' w/ 0 PSI. Also run CBL across DV tools @ 8512' and 3406'. (100' above and below each).
11. Perforate Bone Spring from **9478-9489** (11') at 1SPF using 4" DPCG. (Entry Hole size to be determined).
12. Perform Breakdown by pumping 20 BBLS 2 % KCL @ 4 BPM. Obtain ISIP, 5, 10, 15 min SI pressures.
13. Perforate Bone Spring from **9367-9387** (20') at 1SPF using 4" DPCG. (Entry Hole size to be determined).
14. Perform Breakdown by pumping 20 BBLS 2 % KCL @ Exactly the same rate as pumped previously. Obtain ISIP, 5, 10, 15 min SI pressures.

Laguna 3 Procedure Continued

15. If pressure data obtained in steps 12 and 14 were sufficient to determine that both zones are open, ND BOP and install 7 1/16 X 5000 FRAC valve and prepare for FRAC. If necessary, RIH w/ Straddle assembly and breakdown zones separately prior to FRAC.
16. FRAC Bone Spring PERFS 9478- 9489 and 9367-9387 down 7" casing at 30-35 BPM w/ Approximately 70000 gals 25-30 # XLINKED Borate and 200000 LBS 16/30 White Sand.
17. Flow well back.
18. NU NOP.
19. RIH w/ 180' TBG, PKR, SN and 2 3/8 TBG. CIRC sand out of hole. Do not run PKR past top perf at 9367. Note PKR needs to be capable of circulating at the bottom of PKR.
20. Pull PKR to 9150 and set same.
21. Swab test as necessary to justify rod up.
22. POH w/ TBG and PKR.
23. RIH w/ production TBG and RODS
24. Start well to pumping.