

c/sf

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 19935. Lease Designation and Serial No.
NM 30395

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Callaway Federal 3

9. API Well No.

30-015-23505

10. Field and Pool, or Exploratory Area

Diamond Mound (Atoka Morrow)

11. County or Parish, State

Eddy, NM

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

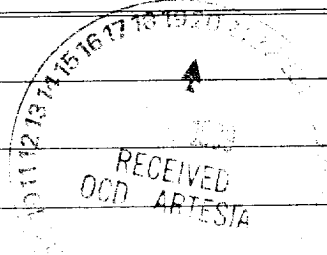
Matador Operating Company

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)

1980 FSL & 1980 FWL, Sec. 6, T16S, R28E



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

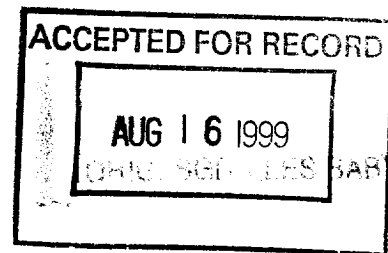
TYPE OF ACTION

- ☐
- 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.)*

SEE ATTACHED



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

Signed Russ MathisTitle Production ManagerDate 08/13/99

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

Matador Petroleum Corp.
Daily Completion/Workover Report

Callaway Fed #3

Eddy Co., NM

6-14-99

Day 1

MIRU well service unit. Cut bolts out of wellhead flange. Blew down 50 psi from tbg. ND wellhead and NU BOP. Release on/off tool and let fluid equalize. Release lock set pkr and tally out of hole w/289 jts 2 3/8" N-80 4.7# EUE 8rd tbg. Lay down pkr and on/off tool. Sent tree and pkr in for repair and return.

6-15-99

Day 2

MIRU Electric line. RIH w/Howco 10K Ezdrill CIBP, set @ 8880'. RU kill truck and load csg w/103 bbls of fresh water. Pressure casing and CIBP to 1000 psi w/no leak off. RIH and dump bail 35' of cement on top of plug. New PBTD @ 8845'. PU repaired lock set pkr w/1.81" "F" nipple in on/off tool. RU Hydrotect truck and test in hole w/275 jts of 2 3/8" 4.7# N-80 EUE 8rd tbg. 5000 psi above slips. Found 5 collar leaks. Change out 2 collars. SI till AM.

6-16-99

Day 3

Set btm of tbg @ 8450'. Displace hole w/185 bbls of 6% KCL and pkr fluid. POH to 8440' and spot 300 gal of 10% acetic acid. POH w/9 jts of 2 3/8" tbg to 8151' w/pkr. Reverse 5 bbls back into tbg to clear acid from csg. Set pkr w/12 pts compression. Total 266 jts 2 3/8 4.7#, N-80 EUE 8rnd tbg. Bottom of pkr @ 8151'. Top of on/off tool @ 8142', 1.81" F nipple @ 8144'. ND BOP and NU tree, internal press test tbg, CIBP, tree to 3000 psi w/no leak off. RU Swab and swab tbg down to 5800' w/approx. underbalance of 2500 psi. RU Schlumberger. RIH and perf Strawn from 8294-98', 8318-22, 8430-33', all 6 jspf Enerjet charges, total 60 holes. All shot 0 to 45° phasing. Complete perfs w/slight blow on tbg and no measurable pressure. RD WL and SI till AM for build up.

RECEIVED

AUG 16 '99

BLM
ROSBELL, NM

Matador Petroleum Corp.
Daily Completion/Workover Report

Callaway Fed #3

Eddy Co., NM

- 6-17-99 Day 4
13 hr SI tbg press 50 psi. Blew down w/8' flare in 10 min. RU swab and began swabbing. IFL 5600', made 3 swab runs and dried up to top of pkr @ 8151'. Recovered 8.5 bbls of pkr fluid and KCL. Vacuum after 3 run. Wait 1 hr and made 1 final run. Did not recover any fluid. Slight show of gas. RD Well service ut and prepared for acid job in AM.
- 6-18-99 Day 5
13 hr SI 25 psi. RU Gaurdian and install treesaver. RU BJ Services. RU Kill truck and pressure csg to 1200 psi. Acidize Strawn perfs 8294-98, 8318-22, 8430-33' w/1500 gal 7 1/2% acid including 300 gal Methanol and iron control and clay stabilizer as follows: pump N2 w/20,00 SCF pad. Then continue w/1500 gal of acid w/90 1.3 ball sealers in 5 stages. Starting pressure 50 psi. Increase to 5000 psi w/start of flush. 100 psi break during acid w/very little ball action. Pump all acid and 26 bbls 6% KCL flush w/750 SCF of N2 per bbl. Final treating pressure @4900. ISIP 3850 psi, total acid and flush load 62 bbls. RD BJ and began flow back. Tbg pressure 3450 psi after 30 min. Open on 13/64" choke and flow for 2 hrs. Tbg pressure dropped to 300 psi. Recovered 41 bbls of spent acid w/methanol. Flow down to 100 psi after 2 1/2 hrs of flow. RU swab ut and began swabbing. IFL 4000'. Swab for 4 hrs and recovered 11 bbls fluid, very scattered w/slight blow after runs. No sustained flow of gas. Swabbed to pkr @ 8150'. Left open to tank for night. 52 BR of 62 BTL. 10 BLLTR.
Avg press. 4900 psi
Avg rate 4.2 BPM including N2
ISIP 3850, 5 min 3655, 10 min 3594, 15 min 3561
- 6-19-99 Day 6
Load left to recover 11 bbls. This AM slight blow on tbg w/no fluid flowed over night. RU Swab and RIH to IFL @ 7,000'. Made 3 swab runs and recovered 4 bbls of spent acid water. Total load recovered is 56 bbls, 6 BLLTR. Left open to sales line w/no measurable rate. Will Swab on Monday.
- 6-21-99 Day 7
Pulled swab from SN, no recovery. Left well producing down line @ 3 MCFD.