

Form 3160-5
(Rev. 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240
FORM APPROVED
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

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

MARALO, INC.

Address and Telephone No.

P. O. BOX 832, MIDLAND, TX 79702

(915) 684-7441

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

660' FSL & 660' FML, UNIT M
SECTION 10, T22S, R32E

5. Lease Designation and Serial No.

NM-86147

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

EMERALD FEDERAL #1

9. API Well No.

30-025-31976

10. Field and Pool, or Exploratory Area

LIVINGSTON RIDGE, E. DELAWARE

11. County or Parish, State

LEA, NEW MEXICO

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 MAINTENANCE OPERATION

- ☐ 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.)

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.)*

EMERALD FEDERAL, WELL #1

09/30/95 MAINTENANCE OPERATION: WELL NOT PUMPING, CHECK FOR FILL AND ACIDIZE.

10/02/95 UNHANG WELL, STARTED TO UNSEAT PUMP & RODS PARTED. POH W/RODS TO PART, 195 RODS DOWN STRIPPED BOX. OPEN WELL. RIH W/FISH TOOL. RODS PARTED AGAIN ABOVE FISHING TOOL. POH W/RODS + STRIPPED BOX 136 RODS DOWN. NO WELLHEAD. NU BOP. UNSET TBG ANCHOR. RIH & TAG TD. POH W/TBG TO FISH. UNSEAT PUMP POH W/RODS & PUMP. FINISH POH W/TBG TALLYING OUT OF HOLE. PBTD @ 7093'. RIH W/5-1/2" MODEL "R" PKR + CROSSOVER + 2-7/8" SN + 222 JTS 2-7/8" TBG. UNABLE TO SET PKR. POH 1 JT, SET PKR W/15,000# COMPRESSION. PKR @ 8788'.

10/03/95 RU PETROPLEX. OPEN BYPASS ON PKR. BREAK CIRC. SPOT 250 GALS X-25 TO PKR. CLOSED BYPASS. PUMP X-25 AWAY FROM TOP PERF @ 2 BPM @ 900 PSI. ISIP 500 PSI.

10/04/95 22 HRS. SITP VAC. RU SWAB. IFL @ 2000'. FFL @ 3000'. RU PETROPLEX. PRESSURE UP ON CSG TO 500 PSI. ACIDIZED PERFS 6894 - 6907' W/1500 GALS 7-1/2% MCA ACID. AVG PRESSURE 1175 PSI. MAX PRESSURE 1250 PSI. ISIP 550 PSI.

10/05/95 13 HR. SITP 40 PSI. BLED OFF PRESSURE. RU SWAB. FL @ 2800'. RD SWAB. RELEASED PKR. POH W/TBG & PKR. RIH W/1 JT 2-7/8" J-55 TBG OPEN ENDED + 2-7/8" x 4' PERF SUB + 2-7/8" SN + 4 JTS 2-7/8" J-55 TBG + 2-7/8" x 5-1/2" TBG ANCHOR + 222 JTS 2-7/8" J-55 TBG. NO BOP. SET TBG ANCHOR W/14,000# TENSION. NU WELLHEAD. MUD ANCHOR @ 6960'. PERF SUB @ 6923'. SN @ 6922'. TBG ANCHOR @ 6801'. RIH W/ 1-1/4 x 6' GAS ANCHOR + 2-1/2" x 1-1/2" x 20' PUMP + 2-7/8" ROD GUIDE + 2' x 7/8" PONY ROD + 28 -7/8" TYPE 97 RODS + 149 - 3/4" TYPE 97 RODS + 98 - 7/8" TYPE 97 RODS + 2' x 7/8" PONY + 1-1/4" x 22' POLISH ROD W/12' x 1-1/2" LINER. HANG WELL ON & SPACE OUT. LOADED TBG W/10 BBLs 2% KCL. WELL PUMPED UP TO 500 PSI IN 3 STROKES. RD MO WELL.

10/11/95 SHOT FL @ 69 JTS FROM SURFACE @ 2112'. 4810' FLUID ABOVE PUMP.

10/12/95 CHANGED MOTOR SHEAVE FROM 7" TO 10-1/2" TO INCREASE SPM FROM 6-1/2" TO 9-3/4".

10/23/95 FINAL REPORT: IN 24 HRS PUMPED 22 BO + 232 BW. PRIOR TO ACIDIZING WELL PUMPED 16 BO + 55 BWPD.

I hereby certify that the foregoing is true and correct

Signed Deborah L. Logan Title REGULATORY ANALYST

Date OCTOBER 30, 1995

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title AB

Date

Under 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