

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

MARALO, INC.

3. Address and Telephone No.

P. O. BOX 832, MIDLAND, TX 79702

(915) 684-7441

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

660' FSL & 660' FML

UNIT M, SECTION 10, T-22-S, R-32-E

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

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; DELAWARE EAS

11. County or Parish, State

LEA, NM

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.)

OPERATION: RE-ENTER & COMPLETE IN BRUSHY CANYON

09-01-94: OPEN WELL UP. PU 7-7/8" RE-RUN BIT #1 ON 6 - 6" DC'S + 136 JTS 3-1/2" 13.30# IF DP TO 4394'. PU POWER SWIVEL & CIRCULATE HOLE.

09-02-94: DRILL OUT CEMENT PLUG FROM 4394' TO 4739' (-347'). TIH TO 6769'. DRILL CNT PLUG TO 7117' (248'). CIRCULATE HOLE CLEAN. TIH TO 7053'. DRLD CNT PLUG TO 7173'.

09-06-94: WORKING-STUCK DP. RU HALLIBURTON N2 TRUCK. SPOTTED 20 BBLs MUD W/1000 SCF N2 PER BBL. WORKED DP. N2 BUBBLE CIRC TO SURFACE. DP STILL STUCK.

09-07-94: 8830' TD. WORKING STUCK DP @ 8811'. SPOTTED 100 BBLs OIL ACROSS ZONE @ 6300'. SOAKING FORMATION W/OIL & WORKED DP. DP MOVED DOWN HOLE. MOVING 5 BO EVERY 15 MIN ACROSS ZONE @ 6300'. TOP OF OIL @ 4900'.

09-09/10-94: 8830' TD. WASH DOWN FROM 5079' - 5588'.

09-11-94: WASH FROM 5580 - 6000'. CIRC HOLE CLEAN. PU TO 4500'. NO DRAG. TIH & WASH FROM 7614 - 7656', FELL THROUGH. TIH TO 8832'. CIRC FOR 6 HRS. POH & LD DP & DC'S. RU RUN 5-1/2" CSG.

09-12-94: RAN 112 JTS 5-1/2" 17# M-80 & K-55 CSG (8841'). SET @ 8832'. CENT 5-1/2" CSG W/675 SXS HL CENT W/6# SALT PER SX + 1/4# FLOCELE. TAILED IN W/600 SXS 50/50 POZ MIX CENT W/6# SALT/SX, .5% HALID & .3% CFR3. NO BOP. SET 5-1/2" CSG SLIPS. JET PITS. INSTALLED WELLHEAD. RELEASED RIG. W/O COMPLETION.

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

Signed

Donalthe Owens

Title REGULATORY ANALYST

Date SEPTEMBER 19, 1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

J. Lara
1994

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