

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
611 S. 1st Street  
Artesia, NM 88201-2884

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.

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)

(E) 1780' FNL & 810' FNL, SEC. 29, T-23S, R-30E

5. Lease Designation and Serial No.

NM-92180

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CHARGER "29" FEDERAL #1

9. API Well No.

30-015-28808

10. Field and Pool, or Exploratory Area

EDDY, UNDESIGNATED SWD

11. County or Parish, State

EDDY, 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, 402 SHOTS. TESTED TBG IN HOLE TO 7000 PSI ABOVE SLIPS. SET RBP @ 7000'. TESTED RBP TO 1500 PSI, HELD. UNSET PKR. POH W/25 JTS. TBG TO 6120' AND SET PKR.

06/05/97 COMPLETED WORKOVER OPERATION - CONVERT TO SWD. SHOT 2 SPF @ 5473-5527', 5592-5516', 5711-5740', 6213-6254', 6332-6380' W/22 JTS TBG & SET PKR @ 5407' W/166 JTS IN HOLE. PRESSURED BACKSIDE TO 500 PSI. FORMATION BROKE @ 1900 PSI & FELL TO 1700 PSI. ACIDIZED PERFS 5473 - 5740' W/2000 GALS 7-1/2% MUD CLEAN-OUT ACID @ 6 BPM W/AVG PRESSURE OF 2000 PSI. STEP RATE PUMP TEST INTO PERFS 5473 - 5740'. RIH & RELEASED RBP @ 6123'. RIH TO 7000' W/216 JTS IN HOLE & SET RBP @ 7000'. SET PKR & TESTED RBP TO 1500 PSI & HELD. RELEASED PKR. POH TO 6120' W/188 JTS TBG IN HOLE. SET PKR & OPENED BYPASS. CIRC BACKSIDE W/10# BRINE. PRESSURED UP ON PKR TO 500 PSI, OK. FILLED FRAC TANKS W/WATER.

06/06/97 RU ACIDIZER AND ACIDIZED PERFS 6213 - 6380' W/2000 GALS 7-1/2% MUD CLEAN-OUT ACID. PUMPED DOWN TBG @ 6 BPM. RELEASED PKR. RELEASED RBP & POH TO 6123' W/188 JTS TBG & SET RBP. SET PKR & TESTED RBP TO 1500 PSI & HELD. RELEASED PKR & POH W/22 JTS TBG & SET PKR @ 5407' W/166 JTS IN HOLE. PRESSURED BACKSIDE TO 500 PSI. FORMATION BROKE @ 1900 PSI & FELL TO 1700 PSI. ACIDIZED PERFS 5473 - 5740' W/2000 GALS 7-1/2% MUD CLEAN-OUT ACID @ 6 BPM W/AVG PRESSURE OF 2000 PSI. STEP RATE PUMP TEST INTO PERFS 5473 - 5740'. RIH & RELEASED RBP @ 6123'. RIH TO 7000' W/216 JTS IN HOLE & SET RBP @ 7000'. SET PKR & TESTED RBP TO 1500 PSI & HELD. RELEASED PKR. POH TO 6120' W/188 JTS TBG IN HOLE. SET PKR & OPENED BYPASS. CIRC BACKSIDE W/10# BRINE. PRESSURED UP ON PKR TO 500 PSI, OK. FILLED FRAC TANKS W/WATER.

06/07/97 RU DOWELL AND FRAC PERFS 6213 - 6380' W/28,000 GALS 30# X-LINKED GEL CARRYING 103,000 16/30 MESH JORDAN SAND. ALL STEPS WENT AS PLANNED W/MAX PRESSURE @ 3400 PSI ON END OF FLUSH W/10# BRINE. RELEASED PKR & TOH. PU & POH W/TBG & RBP TO 5825'. SET RBP. TOH W/TBG. NO BOP. RU DOWELL & FRAC PERFS 5473 - 5740' W/32,500 GALS 30# X-LINKED GEL CARRYING 113,000 16/30 JORDAN SAND. PUMP DOWN CASING @ 30 BPM. ALL SETS AS PLANNED W/MAX PRESSURE @ 1231 PSI. AVG PRESSURE @ 500 PSI. AVG RATE @ 30 BPM.

06/10/97 RIH W/RETRIEVING HEAD & TBG. CIRC OUT SAND W/10# BRINE DOWN TO RBP @ 5825'. RELEASED RBP & STARTED POH. DETERMINED CATCH EARS ON RBP TO BE BROKEN. RIH W/4-1/2" OVERSHOT W/GRAPPLE & CAUGHT RBP. POH W/TBG & LD OVERSHOT + RBP. LEFT WELL OPEN TO FRAC TANKS.

06/11/97 RIH W/RETRIEVING HEAD + TBG TO 6892' & TAGGED SAND = 108' FILL ABOVE RBP @ 7000'. CIRC OUT SAND TO RBP, RELEASED RBP. POH & LD RBP. PUMPED INTO PERFS 5473 - 7220', RD PUMP TRUCK, RIH W/174 JTS TBG. POH & LD 80 JTS 2-7/8" TBG. LEFT WELL OPEN TO FRAC TANK.

06/12/97 FINISH POH & LD REMAINDER (94 JTS) OF 2-7/8" TBG. TIH W/BAKER LOCKSET NICKLE-PLATED PKR & DUOLINE 20 TBG INJECTION. BOTTOM OF REENTRY GUIDE @ 5432', "R" NIPPLE @ 5431', PKR @ 5426' ON/OFF TOOL @ 5422'. RAN 30 MIN PRESSURE TEST ON BACKSIDE CHART FOR NMOC. 2 500 BBL STEEL TANKS COATED W/35 MILL FLAKELINE TOP TO BOTTOM. ELECTRIC LINE FINISHED TO WELL.

06/26/97 HOOKED UP WELLHEAD & SURFACE EQUIP AND PLACED WELL ON INJECTION. (CHART & DIAGRAM ENCLOSED).

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

Signed Dorothea Logan

Title DOROTHEA LOGAN

Date JULY 1, 1997

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

ACCEPTED FOR RECORD  
(ORIG. SGD.) DAVID R. GLASS  
JUL 03 1997

Date