

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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)

**660' FNL & 990' FEL, SEC. 20, T9S, R35E, UNIT A**

5. Lease Designation and Serial No.

**NM 83101**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**S. L. FEDERAL "20" #1**

9. API Well No.

**30-025-32289**

10. Field and Pool, or Exploratory Area

**NORTHEAST JENKINS, DEVONIAN**

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 **DEVONIAN COMPLETION - ADD'L**  
☐ 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.)\*

01/20/95 TP 0 psi, CP 0 psi. Pressured up to 1000 psi. Increased pressure by 500 psi each time up to 3500 psi. Formation did not break. Bled off pressure. RIH 6 jts to TD. Reversed out acid. RU BJ Services. Spot 200 gals 15% MCA acid. Wash acid across open hole. Reverse acid back into tbq. Wash acid across open hole again. POH 11 jts. Wait 1 hr. Pumped away acid. Max pressure 618 psi. Avg pressure 440 psi. Avg rate 1 BPM. ISIF 225 psi, 5 min 88 psi, 10 min 49 psi, 15 min 29 psi. SDFN.

01/21/95 Tbg & csg on vac. RIH 11 jts & tag TD @ 12,604', no fill. POH w/ 405 jts tbq. LD 6 -3 1/2" DC's & bit. RU tbq testers. RIH w/ 2 7/8" notched collar + 2 jts 2 7/8" L-80 tbq + crossover + 5 1/2" sure lock 2 pkr + crossover + 2 7/8" SN + 405 jts 2 7/8" L80 tbq + 8' x 2 7/8" N-80 sub + 10' x 2 7/8" N-80 sub + 1 jt 2 7/8" L-80 tbq. Test to 6000 psi above slips. RD tbq testers. ND BOP. Set pkr w/20,000# compression. NU wellhead tree. RU pump Load csg w/25 bbls KCL. Pressure up to 500 psi, held 30 mins. RD pump truck. SIFN. SD until Monday. 103 BLTR. Notched collar @ 12,593'. Pkr @ 12,530'. SN @ 12,525'.

**SEE ATTACHED PAGE**

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

Signed Donathen Leger

Title **REGULATORY ANALYST**

Date **FEBRUARY 9, 1995**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

**SJS**

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- 01/23/95 34 hr SIIP 25 psi. CP 500 psi. RU flowline to test tank. RU & start swabbing. Swabbed 7 1/2 hrs. IFL @ 800'. FFL @ 7000'. Recovered 40 BO + 78 BLW. 25 BWUL. Last hr recovered 3 BO + 7 BW. SIFN.
- 01/24/95 14 hr SITP 450 psi. Open well on 16/64" choke. Flowed 9 BO & died. 40 min. Well died. RU swab. Started swabbing. Swabbed 9 hrs. IFL @ 200' FS. FFL @ 7000'. Recovered 105 BO + 13 BW. 12 BWUL. Last hr recovered 9 BO + 0 BW. Shake out was 2/10%. SIFN.
- 01/25/95 14 hr SITP 500 psi. Fluid entry 42 bbls. Flowed 5 BO & died. RU swab. Started swabbing. Swabbed 5 hrs. IFL @ 600'. FFL @ 7000'. Recovered 70 BO + 0 BW. RD swab. RU BJ Services. Acidize w/500 gals 15% MCA acid. Tbg loaded w/47 bbls. Acid @ formation @ 1600 psi, gradual climb to 2491 psi. Avg pressure 2100 psi. Max pressure 2500 psi. Avg rate .5 BPM. ISIP 2433 psi, 5 min 2138 psi, 10 min 1932 psi, 15 min 1775 psi. 65 BLTR. 1 hr SIIP 770 psi. Open well. Flowed well. Flowed 25 bbls & died. RU swab. Started swabbing. Swabbed 2 hrs. IFL @ surface. FFL @ 2000'. Recovered 24 bbls load. 36 BWUL. SIFN.
- 01/26/95 15 hr SITP 380 psi. Fluid entry 12 bbls. Flowed 5 BO & died. RU swab. Started swabbing. Swabbed 8 hrs. IFL @ surface. FFL @ 5000'. Recovered 19 bbls load oil + 79 BNO + 13 BLW. 11 BWUL. Last hr recovered 9 BO + 1 BW. O-rings in oil saver broke. SIFN.
- 01/27/95 15 hr SITP 400 psi. Fluid entry 30 bbls. Flowed 5 bbls & died. RU swab. Start swabbing. Swabbed 6 hrs. IFL @ surface. FFL @ 6000'. Recovered 84 BO + 2 BW. 9 BWUL. RD swab. RU BJ & acidize w/1000 gals 15% MCA triple inhibited acid. Acid on formation @ 1055 psi. After 500 gals acid in pressure increased from 1548 to 1984 psi, gradual climb to 2864 psi. No break. Max pressure 2864 psi. Min pressure 960 psi. Avg pressure 2000 psi. AIR 8/10 bbl, low rate 7/10 bbl, max rate 1 BPM. ISIP 2787 psi, 5 min 2370 psi, 10 min 2264 psi, 15 min 2100 psi. RD BJ. SIFN. 78 BO + 25 BW load to recover.
- 01/28/95 15 hr SITP 430 psi. Open well. Flowed 4 BLO & died. RU swab. Started swabbing. Swabbed 9 hrs. IFL @ surface. FFL @ 6000'. Recovered 74 BLO + 39 BNO + 26 BLW. 8 BWUL from previous treatments. Last hr recovered 13 BO + 0 BW. SIFN. SD until Monday.
- 01/30/95 38 hr SITP 480 psi. Fluid entry 36 bbls. Open well. Flowed 6 BO & died. RU swab. Start swabbing. Swabbed 1 hr. IFL @ surface. FFL @ 1000'. Recovered 13 BO + 0 BW. ND wellhead tree. NU BOP. Unset pkr & let equalize. RU pump truck. Pumped 15 bbls 2% KCl down tbg. POH w/tbg + SN + pkr + tail pipe. LD pkr. PU & RIH w/4 3/4" bit + bit sub + 6- 3 1/2" DC's + crossover sub + 100 jts 2 7/8" tbg. SIFN.
- 01/31/95 Open well. TP 0 psi. Finish RIH w/315 jts 2 7/8" tbg. Tag TD @ 12,605'. RU reverse unit. Break circ. Circ out 140 BO. Drd conventionally new hole from 12,605' to 12,610'. Circ up samples. black & red shale & dolomite. Drd new hole from 12,610' to 12,615'. New TD @ 12,615'. Circ up samples. First 2' of samples black & red shale & dolomite. Last 3' of samples all dolomite. Circ hole clean. RU Charger Acidizing. Spot 200 gals 15% MCA acid triple inhibited across open hole from 12,592' to 12,615'. RD acid truck. POH 15 jts. SIFN.
- 02/01/95 Open well. Tbg on vac. RIH & tagged TD @ 12,612', 3' fill. RU & circ out fill to 12,615'. Took 35 bbls to load well. Worked thru tight spot. RD reverse unit. POH w/tbg. LD collars & bit. PU & RIH w/notched collar + 2 jts 2 7/8" L-80 tbg + 5 1/2" sureloc II pkr + 2 7/8" SN + 405 jts 2 7/8" L80 tbg + 10' x 2 7/8" sub + 8' x 2 7/8" sub + 1 jt 2 7/8" L80 tbg. ND BOP. NU well head tree. Circ 210 bbls 2% KCl pkr fluid. Pull up wellhead. Set pkr w/16,000# compression. NU wellhead. Pressure up on csg to 500 psi, held 30 min. SIFN. 112 BLWTR. Notched collar @ 12,593' pkr @ 12,530'. SN @ 12,525'.