

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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, Texas 79702-0832

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

1980' FSL & 2080' FWL, Sect. 11, T-22-S, R-32-E

5. Lease Designation and Serial No.

NM-85936

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Prohibition Federal Unit

8. Well Name and No.

Prohibition Federal #2 (Ut)

9. API Well No.

30-025-31716

10. Field and Pool, or Exploratory Area

Undesignated Bone Springs

11. County or Parish, State

Lea, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
4 page report  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other test Brushy Canyon zone  
☐ 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.)\*

PROPOSED

OPERATION: Test additional Brushy Canyon pays

1. RUPU. TOH w/rods & pump. RU light plant and swab well at a rate of 35 - 40 BPH for 48 straight hours. This data will aid in future submersible pump test plans.
2. TOH w/tbg. PU & TIH w/RBP and set @ +/- 8400'. Pressure test RBP. PU to 7639'.
3. Spot 200 gals 7 1/2% MCA, double inhibited, from 7627' to 7422'. TOH w/tbg.
4. RU wireline and run short GR/CCL strip across perforating interval and correlate to SWSO OH GR/CNL/LDT run 10/3/92.

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

Signed Dorothy Owens

Title Regulatory

Date January 27, 1993

(This space for Federal or State official use)

Approved by David A. Glass

Title

Date

Conditions of approval, if any:

5. TIH w/4" carrier guns, premium charges, and shoot 2 JSPF @7616, 7617, 7621, 7622, 7623, 7625, 7626, 7627 (total 16 holes).
6. TIH w/pkr & tbg to +/- 7550'. Reverse spot acid into tbg, Set pkr.
7. Breakdown perfs by pumping away spot acid.
8. Swab back load and evaluate.
9. Acidize perfs w/750 gals 7 1/2% MCA carrying 32 ball sealers down tbg at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment.
10. Swab and evaluate.
11. If warranted, RU to frac perfs 7616-7627' w/18,000 gals 30# X-link gel carrying 17,000# 20/40 mesh Ottawa sand + 25,000# 20/40 mesh resin coated sand down tbg at a rate of +/- 7 BPM with an anticipated treating pressure of 2500 psi as follows:
  - a) 8,000 gals gel pad
  - b) 7,000 gals gel + 1-5 ppg ramped 20/40 mesh Ottawa
  - c) 3,000 gals gel + 5-6 ppg 20/40 mesh resin coated sand
  - d) flush to perfsShut - in well to allow gel to break.
12. Swab and evaluate. Consider running rods and pump and producing this zone alone. Otherwise, drop down, catch RBP, move uphole and reset RBP @ +/- 7550'.
13. PU to 7235'. Spot 200 gals 7 1/2% MCA, double inhibited, from 7235' to 7030'. TOH w/tbg.
14. RU wireline and run GR/CCL strip from +/- 7300' to +/- 6900'. Correlate to SWSCO OH GR/CNL/LDT log run 10/2/92.
15. RU wireline using 4" carrier guns, premium charges, and shoot 2 JSPF @ 7230-7235' (12 total holes).
16. TIH w/tbg & pkr to +/- 7150'. Reverse spot acid into tbg. Set pkr.
17. Breakdown perfs by pumping away spot acid. Swab lack load.
18. Acidize perfs 7230-35' w/500 gals 7 1/2% MCA carrying 24 ball sealers down tbg @ +/- 3 BPM. If ballout occurs, surge off balls and finish treatment.
19. Swab and evaluate. Release pkr. Drop down and catch RBP. PU hole to 7200'. Set RBP.
20. PU to 7196'. Spot 200 gals 7 1/2% MCA, double inhibited, from 7196' to 6991'. TOH w/tbg & pkr.
21. Run 4" carrier guns, premium charges, and shoot 1 JSPF @ 7182-7196' (15 total holes).
22. TIH w/tbg & pkr to +/- 7100'. Reverse spot acid into tbg. Set pkr.
23. Breakdown perfs by pumping away spot acid. Swab and evaluate.
24. If warranted, acidize perfs 7182-7196' w/750 gals 7 1/2% MCA carrying 30 ball sealers down tbg at +/- 2 BPM. If ballout occurs, surge off balls

26. If warranted, frac perfs 7182-7196' along w/perfs 7230-7235' by dropping RBP to +/- 7300'. Reset pkr @ +/- 7100'.
27. Frac perfs 7182-7235' w/16,500 gals 30# X-link gel carrying 21,250 # 20/40 mesh Ottawa + 21,000 # 20/40 mesh resin coated sand down tbg at a rate of 7 BPM w/ an anticipated treating pressure of 3000 psi as follows:
  - a) 7000 gals gel pad
  - b) 6000 gals gel + 1-6 #/gal 20/40 mesh Ottawa
  - c) 3500 gals gel + 6 #/gal 20/40 mesh resin coated sand
  - d) flush to perfsShut well in to allow gel to break.
28. Release pkr. Drop down and catch RBP. PU and reset RBP @ +/- 7100'.
29. PU to 7039'. Spot 200 gals 7 1/2% MCA, double inhibited, from 7039' to 6834'. TOH w/tbg & pkr.
30. TIH w/4" carrier gun, premium charges, and shoot 1 JSPF @ 7021-7029' and 7035-7039' (total 15 holes).
31. TIH w/tbg & pkr to +/- 6950'. Reverse spot acid into tbg. Set pkr.
32. Breakdown perfs by pumping away spot acid. Swab back load.
33. Acidize perfs 7021-7039' w/1000 gals 7 1/2% MCA carrying 30 ball sealers down tbg at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment.
34. Swab and evaluate.
35. If warranted, frac perfs 7021-7039' w/ 16,500 gals 30# X-link gel carrying 21,250 # 20/40 mesh Ottawa + 21,000 # 20/40 mesh resin coated sand down tbg at a rate of +/- 7 BPM w/ an anticipated treating pressure of 3000 psi as follows:
  - a) 7000 gal gel pad
  - b) 6000 gal gel + 1-6 ppg 20/40 mesh Ottawa
  - c) 3500 gal gel + 6 ppg 20/40 mesh resin coated sand
  - d) flush to perfsShut well in to allow gel to break
36. Swab and evaluate. If warranted, produce well at this point. Continue w/prognosis only if tests thus far are not encouraging.
37. Plug well back by dumping 15 sx 20/40 mesh sand on top of RBP (PBTD @ +/- 6995'). Release pkr, drop down and check PBTD.
38. PU to 6982'. Spot 200 gals 7 1/2% MCA, double inhibited, from 6982' to 6777'. TOH w/tbg & pkr.
39. TIH w/4" carrier guns, premium charges, and shoot 1 JSPF @ 6951-6953' and 6957-6982' (total 29 holes).
40. TIH w/tbg & pkr to +/- 6850'. Reverse spot acid into tbg. Set pkr.
41. Breakdown perfs by pumping away spot acid. Swab back load.
42. Acidize perfs 6951-6982' w/1000 gals 7 1/2% MCA carrying 58 ball sealers down tbg at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment.

43. Swab and evaluate.

44. If warranted, frac perfs 6951-6982' w/ 16,500 gals 30# X-link gel carrying 21,250 # 20/40 mesh sand + 21,000 # 20/40 mesh resin coated sand down tbg at a rate of 7 BPM w/ an anticipated treating pressure of 3000 psi as follows:

- a) 7000 gal gel pad
- b) 6000 gal gel + 1-6 ppg 20/40 Ottawa
- c) 3500 gal gel + 6 ppg 20/40 resin coated sand
- d) flush to perfs

Shut well in to allow gel to break.

45. Swab and evaluate.

46. Release pkr. Drop down and wash sand off RBP. Latch onto RBP.

Pg. 4 - Prohibition Fed #2

47. Depending on results of testing, either drop down and reset RBP @ +/- 8000' to produce only new perfs OR TOH w/RBP to produce new perfs along with old perfs (8481-8559').

48. TIH w/pumping equipment and return well to production.

RECEIVED

FEB 05 1993

070 54,075 00000