

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. BOX 1980  
HOBBS, NEW MEXICO 88248  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Serial No.

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 TRIPPLICATE

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  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990' FEL & 1980' FNL Sec. 12, T2

(915) 684-7441

- R32E

NM-64606  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA, Agreement Designation  
Prohibition Federal Unit  
8. Well Name and No.  
Prohibition Federal Unit #2  
9. API Well No.  
30-025-32142  
10. Field and Pool, or Exploratory Area  
Bootleg Ridge - Morrow  
11. County or Parish, State  
Lea, NM

12. CHECK APPROPRIATE BOX(S) TO

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Initial Notice

CATEGORIZE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Leaking Repair  
☐ Entering Casing  
☐ Other Completion attempts  
☐ 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 give subsurface locations and measured and true vertical depths to

and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, markers and zones pertinent to this work.)\*

(1) A completion in Morrow "Teal" Sand, as proposed in the sundry notice dated January 10, 1994 and attempted for record January 31, 1994, was attempted from January 12, 1994 to January 27, 1994 and found unsuccessful.

(2) A second Morrow completion in the "Paducah/Zonne" sands, as stated on the attached prognosis dated January 27, 1994, was also unsuccessfully attempted January 27, 1994 to February 1994.

(3) Attached please find the presently proposed Atoka Sand completion dated February 7, 1994. This attempt began February 10, 1994 and is currently underway.

- SEE ATTACHED SHEETS -

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

Signed Donna Owens Title Regulatory Date February 15, 1994

(This space for Federal or State office use)

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

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

# RE-COMPLETION PROGNOSIS

MARALO INC.  
Prohibition Federal Unit #3  
1980' FNL & 990' FEL, Sec 12, T-22-S, R-32-E  
Bootleg Ridge (Morrow) Field, Lea County, New Mexico

ELEVATIONS: 3618' GL 3637' KB(19' AGL) 15,209' TD

CASING: 13 3/8" 54.5# @ 1,200' w/ 950 sx cmt, circ'd to surface  
9 5/8" 36# @ 4,750' w/ 1750 sx cmt, circ'd to surface  
7" 29# @ 12,050' w/ 1600 sx cmt, TOC - 3560'  
4 1/2" 15.1# liner from 11,638' to 15,209' w/300 sx cmt, circ'd to liner top

CURRENT  
SITUATION: Perfs 14,836 - 14,880' have been tested as wet, plugged off w/plug @ 14,759'  
Perfs 14,396 - 14,517' have been tested tight

PROPOSED  
OPERATION: Recomplete in Atoka Sand

1. RU slickline, TIH w/blanking plug and set in pkr @ 14,350'.
2. Sting out of pkr w/tbg. TOH w/tbg & seal assembly.
3. TIH w/dump bailer and cap pkr @ 14,350' w/20' cement. Load hole w/10# brine.
4. TIH w/gauge ring & junk basket to PBTD. TOH.
5. PU & TIH on wireline w/ 4 1/2" Otis Model "WB" permanent pkr (or equivalent) w/profile nipples, seal assembly, and TCP gun loaded to shoot 4 SPF. Correlate to Apollo GR/CCL/CBL log run 1/12/94 and set pkr w/gun is aligned to shoot 13,806 - 13,814' based on cased hole log (based on SWSCO GR/CNL/DT OH log run 12/12/93 perf depth is 13,812 - 13,820').
6. TIH w/tbg and sting into pkr. With tbg full of 10# brine will have 2,000 psi underbalanced condition at perfs.
7. Drop firing bar and perforate Atoka.
8. Monitor wellhead pressure.
9. Flow back well.
10. After establishing stabilized production, TIH w/BHP bombs and shut well in for 72 hr build-up. After 72 hours, TOH w/bombs. Re-run reset bombs and run 4-point test.
11. Turn well to production.

BH  
RAG/bd  
2/7/94

APPROVED

*A. M. Lowrey*

# RE COMPLETION PROGNOSIS

MARALO INC.

Prohibition Federal Unit #3  
1980' FN 990' FEL, Sec 12, T-22-S, R-32-E  
Bootleg Ridge (Torrow) Field, Lea County, New Mexico

ELEVATIONS: 3618' GL 3637' KB (19' AGL) 15,209' TD

CASING: 13 3/8" 54.5# 200' w/ 950 sx cmt, circ'd to surface  
9 5/8" 36# 750' w/1750 sx cmt, circ'd to surface  
7" 29# 1050' w/1600 sx cmt, TOC - 3560'  
4 1/2" 15.1# li from 11,638' to 15,209' w/300 sx cmt, circ'd to liner top

CURRENT SITUATION: Perfs 14,836 - 14,837' have been tested as wet

PROPOSED OPERATION: Recomplete in 14,401' - 14,622' "Paducah/Zonne" sands

1. RU slickline. TIH w/blanking plug set in pkr @ 14,779'. Unlatch tbg from pkr. Load hole w/10# brine "packer fluid". TOH w/tbg
2. RU Apollo wireline & RIH w/dl. Set and cap pkr w/20' cement.
3. PU & TIH w/ 3 1/8" carrier g. Premium charges, and shoot 1 JSPF @ 14,401, 14,402, 14,410, 14,411, 14,412, 14,413, 14,414, 14,415, 14,416, 14,417, 14,418, 14,419, 14,420, 14,421, 14,596, 14,597, 14,598, 14,610, 14,611, 14,612, 14,613, 14,614, 14,615, 14,616, 14,617, 14,618, 14,619, 14,620, 14,621, 14,622' based on SWSCO OH GR/CNL/LDT log run 12/12/93. Depths based on GF CCL log run 1/12/94 are 14,396, 14,397, 14,405, 14,406, 14,407, 14,408, 14,409, 14,413, 14,414, 14,415, 14,416, 14, 591, 14,592, 14,593, 14,605, 14,606, 14,607, 14,608, 14,614, 14,615, 14,617' (total 22 holes).
4. TIH w/Otis Model "WB" perm. Set packer (or equivalent) w/profile nipples and seal assembly with blanking plug in place to +/- 1'. Set pkr.
5. TIH w/tbg string. Sting into pkr. RU slickline and retrieve blanking plug.
6. Swab/flow back well.
7. Acidize perfs 14,401 - 14,622'. 1000 gals 7 1/2% MCA acid carrying 45 ball sealers down tbg at a rate of +/- 3 BPM. If ballout occurs, surge off balls and flow back well.
8. Flow well back and evaluate.
9. After stabilized flow rate has been established and maintained for a few days, run 72 hr BHP bombs. Shut well in for buildup.
10. Pull 72 hr bombs. Rerun bombs for 4-point test. Potential well and turn to production.

APPROVED

*Bill Savary*

RAG/bd  
1/24/94