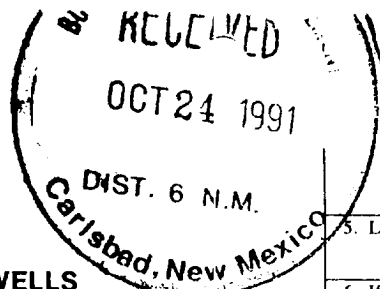


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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)

660' FWL & 1980' FNL Sec. 12, T22S, R32E

5. Lease Designation and Serial No.

NM-85937

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

9. API Well No.

1

10. Field and Pool, or Exploratory Area

Wildcat

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
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Fracture Treat & Acidize
☐ 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.)*

3-26-91 14,400 - 14,438' (38' Morrow) Ran DST #1 MW 10.2, Visc 37, WT 9.8, FC 1/32, PV10, YP14, pH9.5, solids 8.5%, chl 93,000 ppm. Results: recovery from DP - 1282' water blanket, 3900 ppm chl., RWL 8 at 75°. Pit mud - RW .081 at 75°, 93,000 ppm chl. Recovery from sample chamber - 920 psi, 5.58 cu ft gas, no fluid. HMP IN 7584 psi OUT 7512 psi. 4 min pre flow FBHP 2679 psi to 2624 psi 60 min ISJBHP 7566 psi 55 min 2nd flow FBHP 2679 psi to 2823 psi 120 min 2nd SIBHP 7421 psi 180 min 3rd flow 2679 psi to 995 psi 660 min FSIBHP 7059 psi. BHT 196° at 14,431' Conclusive test by SWSO

3-28-91 14530'. Drlg.

4-7-91 TD 15,112. Ran GR/CNL/LDT TD to csg.; GR/DLL TD to csg. Tops: Strawn Lime 13,462, Atoka 13,581, Morrow Lime 14,444, Morrow Clastics 14,490, Lower Morrow SS 14,904

4-9-91 Prep to P&A below 7" csg.

4-10-91 RU HOWCO & set 45 sx Cl. H cmt w/2% HR5 cmt plug 14,444 to 14,344' TOH to 12,100'. Set 50 sx Class H cmt w/.2% HR5 cmt plug from 12,100' to 11,900' (100' in and out of btm 7" csg.

4-11-91 Well now temporarily P&A w/mud in hold above cmt plugs.: TIH to 12,200', did not tag cement. TOH; TIH to 12,110' w/open ended DP, Circ. off gas, Spot 200' cmt plug from 12,110' to 11,910', 100' in and 100' out of btm of 7" csg. w/60 sx Cl. H Neat cmt. WOC 8 hrs.

SEE ATTACHED

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

Signed

Title

Agent

Date

10-22-91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

RECEIVED

OCT 29 1991

000

HOBBS OFFICE


PAGE 2

PROHIBITION FEDERAL UNIT, WELL #1

4-11-91 continued. Tagged TOC plug in 7" csg. at 11,910' FS. Tagging witnessed by BLM.
4-12-91 Released all rental equipment & McVay rig. LD DP & DC's. RD LD machine and kelley, installed flange on wellhead, jet and cleaned steel pits and released rig. Shut in for further evaluation.
7-30-91 SICP 300 psi. Blew down w/liquid to surface. RU Apollo WL. RIH w/gauge ring and junk basket. Tag at 10,546. POH. TIH w/7" CIBP and set at 10,500'. Cap CIBP w/35' cmt. New PBTD 10,465.
7-31-91 Ran GR/CBL/CCL from PBTD to TOC at 3200' w/1800 psi on csg. PU and TIH w/150 jts 2 7/8" N-80 open ended. Correlated to SWSCO GR/CNL/LDT open hole log ran 3-1-91.
8-1-91 Finished PU & TIH w/329 jts 2 7/8" tbq to PBTD. RU pump truck. Pickled tbq. w/500 gals. 15% NE HCL double inhibited acid. Reverse out acid and displace hole w/2% KCL.
8-2-91 RU BJ Services. Spot 200 gals 10% NEFE acid w/0.5% HF double inhibited acid from 9880' POH w/tbg. RU ApollowWL. Made 2 runs w/4" carrier gun decentralized. Correlate & perf 1 JSPF @ 9845 - 9880', 36 holes. RD Apollo. RU tbq testers. PU & TIH w/7" Model "R" double grip pkr. on 305 jts 2 7/8" tbq. Test to 7000 psi above slips. RD testers. Reverse spot acid. Set pkr @ 9745' Pressure backside to 500 psi. Formation broke @ 2200 psi. Pumped away spot acid @ 4.5 BPM @ 3000 psi. ISIP 1750 psi, 5 min 1500 psi, 10 min 1000 psi, 15 min vac. RD BJ Services
8-3-91 12 SITP 50 psi. Swabbed to SN. No fluid entry. TP 50 psi w/2' flare burning. Recovered all of load - no oil show.
8-5-91 Swabbed - 1 bbl fluid w/10% oil cut. LD swab. RU BJ Services. Pressured backside to 500 psi. Acidized perfs 9845 - 9880' w/4000 gals 10% NEFE HCL acid w/0.5% HF acid, dropping 70 ball sealers. Good ball action. RD Flowed 4 BW. Swabbed 43 BW & sand line parted. Left swab & 2000' line in hole. FFL @ 6200' FS.
8-6-91 Swabbed. Recovered 43 bbls. 100% water.
8-7-91 Swabbed tbq & pkr. PU & TIH w/re-dressed 7" Model "R" double grip pkr on 70 stds. tbq.
8-8-91 Finish in hole w/pkr on 305 jts 2 7/8" tbq. Set pkr @ 9745'. Rigged to swab. FL @ 2100' FS. Swabbed to SN. Recovered 46 bbls 100% wtr. trace of oil on final run.
8-9-91 SITP 175 psi. FL @ 9200' FS, 500' or 3 bbls entry overnight. 50' free oil on first run.
8-12-91 Swabbed 75' of free oil on first run. LD swab.
8-19-91 MIRU pulling unit. Blew down well. Released pkr. Swabbed 500' free oil on first run. Swabbed total 3 BO + 35 BW. SIW.
8-20-91 12 hr SITP 100 psi FL @ 4000' FS. Swabbed FL down to 6000' FS
8-21-91 12 hr SITP 100 psi. FL @ 6000' FS. Swabbed FL down to 9000' FS REcovered 100% wtr. Set & fill frac tanks.
8-22-91 12 hr SITP 125 psi. FL @ 9000' FS. Swabbed to SN. SD 1 hr, no entry. POH w/tbg & pkr. ND BOP. NU wellhead. SIW Prep to frac.
8-23-91 RUBJ Services to frac down 7" csg. Frac perfs 9845 - 9880' w/42,500 gals 45# linear gel + 3% HCL + 1/4% HF mixture, carrying 51,250# 16/20 mesh carbolite. Opened to tank @ 4:00 p.m. Adjust choke to various sizes for 1/2 to 3/4 BPM flow back. 310 BW recovered in 8 hrs @ 12:00 a.m. FTP 1050 psi. 1303 BUL
8-24-91 Continue flow back
8-26-91 42 hr SITP 700 psi. Opened to tank. Flowed 65 BW. ND wellhead. NU BOP. RU depth meter. Tagged fill @ 10,175' btm perf @ 9880'.
8-27-91 Blew down well. ND BOP. Tbg. anchor would not set. Hung tbq in wellhead. NU wellhead. Btm of mud anchor @ 9750'. SN @ 9713'. Tbg. anchor 4 jts above SN @ 9583'. RD MO pulling unit. FL @ surface. Swabbed 116 bbls 100% wtr.
8-28-91 12 hr SITP 520 psi. FL @ 600' FS Swabbed 181 bbls 100% wtr w/heavy gas cut.
8-29-91 12 hr SITP - 400 psi FL 900' FS. Swbd 183 bbls w heavy gas cut wtr in 12 hrs. Ending FL - 2100' FS.
8-30 thru 9-5 Swabbed with results total 456 BWOL + 8.5 BOOL.
Shut well in for BLM and partner approval to complete in Brushy Canyon.

RECEIVED

OCT 29 1991


HOBBS OFFICE