

NM ex D - Hobbs

ROSWELL DISTRICT COPY

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

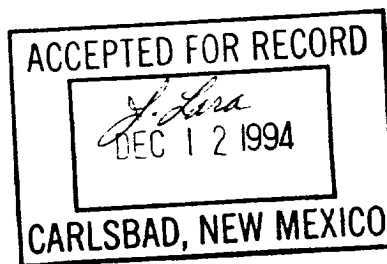
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-86147
2. Name of Operator MARALO, INC.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P. O. BOX 832, MIDLAND, TX 79702 (915) 684-7441	7. If Unit or C/A, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 660' FWL UNIT M, SECTION 10, T22S, R32E	8. Well Name and No. EMERALD FEDERAL #1
	9. API Well No. 30-025-31976
	10. Field and Pool, or Exploratory Area LIVINGSTON RIDGE; DELAWARE EAST
	11. County or Parish, State LEA, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other COMPLETION	<input type="checkbox"/> 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.)*

SEE ATTACHED SHEETNOV 10 11 02 AM '94
RECEIVED

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

Signed *Dorothy Legan* Title REGULATORY ANALYST Date NOVEMBER 14, 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

MARALO, INC.
EMERALD FEDERAL #1
API 30-025-31976
NOVEMBER 14, 1994

- 10/20/94 POH w/tbg. Replace tbg anchor. TIH w/same. ND BOP. Set anchor w/14 points. NU wellhead. Total 234 jts 2 7/8" tbg in hole. Btm of mud anchor w/retrieving head @ 7236'. SN @ 7196'. Tbg anchor 4 jts above SN @ 7071'. RIH w/36 - 3/4" rods from derrick. POH. LD same. PU TIH w/2 1/2" x 1 3/4" x 24' pump w/78 x 2' sub on 20 - 7/8" + 136 - 3/4" + 131 - 7/8" Norris Type 97 sucker rods + 4' & 8' subs. Space out & hang on. Start up generator. Pumping frac tanks from zones 2, 3 & 4 @ 6:00 p.m. w/100" stroke W 12 SPM. RD MO pulling unit. Surplus on location 53 jts 2 7/8" tbg + 3 - 7/8" + 38 - 3/4" sucker rods.
- 10/24/94 In 24 hrs pumped 0 BO + 383 BW. FL @ 4120' FS. SN @ 7196', 3076' fluid above pump.
- 10/25/94 In 24 hrs pumped 0 BO + 422 BW.
- 10/26/94 OPERATION: Isolate & test Zone #4 perfs from 7269-7395'. MI RU pulling unit. POH w/rods & pump. Unset tbg anchor & RIH w/35 jts tbg to 8280', 10' fill on top of RBP. POH w/2 jts. SWI. SDON.
- 10/27/94 POH w/production string & LD 4' perf sub. RIH w/retrieving head + 1 jt 2 7/8" tbg for mud anchor + SN + 4 jts tbg + tbg anchor + 265 jts tbg. RU pump truck. Pumped 200 bbls 2% KCl wtr, trying to circ hole, could not. POH w/above. RIH w/retrieving head + float sub + 20 jts 2 7/8" tbg for cavity + bull dog bailer + 250 jts tbg. Bailed 10' sand & "J'd" onto RBP & POH w/50 jts 2 7/8" tbg. SWI. SDON. 200 BLWTR.
- 10/28/94 POH w/200 jts tbg + bulldog bailer + 20 jts cavity, had 2 jts full of sand, + float sub + retrieving head + RBP. PU new RBP & LD bailer. RIH w/RBP + retrieving head + change over + 1 jts 2 7/8" tbg for mud anchor + SN + 4' jts 2 7/8" tbg + 239 jts 2 7/8" tbg to 7508'. Set RBP. J'd off RBP & POH w/9 jts tbg & LD. NU BOP. Set tbg anchor. ND wellhead. Btm of retrieving head @ 7234'. SN @ 7196'. Total 234 jts + 1 mud anchor jt in hole. RIH w/2 1/2" x 1 3/4" x 24' pump & rods. Hung well on. Pump would not pump. POH w/above. PU another pump & RIH w/2 1/2" x 1 3/4" x 24' pump + 2' - 7/8" sub + 20 - 7/8" rods + 136 - 3/4" rods + 131 - 7/8" rods + 1 - 4', 8' - 7/8" subs. Hung well on. Pumped up @ 7:00 p.m.
- 11/07/94 OPERATION: Isolate & test btm set of perfs 8553-8582' MI RU pulling unit. POH w/rods & pump. Installed BOP. Unset tbg anchor. POH w/tbg. RIH w/retrieving head + 5 1/2" pkr + 238 jts tbg to 7477'. Set pkr. Tested RBP to 500 psi. RBP held & tested ok. RIH to 7508' & J'd onto RBP. Unset RBP. POH. SWI. SDON.
- 11/08/94 RIH w/2 7/8" collar + 1 jt 2 7/8" tbg for mud anchor + change over + 5 1/2" full bore pkr + change over + 2 7/8" SN + 274 jts tbg. Set pkr w/18 points tension. Pkr & SN @ 8417'. Btm of mud anchor @ 8448'. Remove BOP. ND wellhead. RIH w/2 1/2" x 1 3/4" x 24' pump + 1 - 2' x 7/8" sub + 20 - 7/8" rods + 136 - 3/4" rods + 130 - 7/8" rods. PU & RIH w/49 - 7/8" new rods + 1 - 2', 1 - 4', 1 - 6', 1 - 8' 7/8" subs. All rod string is Type 97 Norris + polish rod & liner. Hung well on. Loaded & tested pump & tbg, ok. RD pulling unit. Re-balanced unit. Pumping to frac tanks @ 5:00 p.m.
- 11/09/94 In 17 hrs pumped 0 BO + 322 BW.

REIVED
DEC 14 1994
OCD HOBBS
OFFICE