

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OCD-HOBBSFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

## SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other **Injector**

2. Name of Operator **Mar Oil and Gas Corporation Ogrid # 151228**

3a. Address **PO Box 5155 Santa Fe, NM 87502**

3b. Phone No. (include area code) **505-989-1977**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980 FSL X 660 FWL, Unit Letter "L", Section 31, T20S, R38E Lea County, NM**

5. Lease Serial No.  
**LC-031696 (B)**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**8910088560**

8. Well Name and No.  
**Eumont Hardy Unit # 015**

9. API Well No.  
**30-025-07865**

10. Field and Pool, or Exploratory Area  
**Eumont Yates, Seven Rivers, Queen**

11. County or Parish, State  
**Lea County, New Mexico**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DO Cmt ret
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Return well to injection

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Mar Oil and Gas Corporation purposes to drill out cement retainer set at 3395ft and equip the well with packer and IPC tubing and return the well to active injection. MIT will be witnessed by the NMOCD. Enclosed is purposed workover procedure

SUBJECT TO LIKE  
APPROVAL BY STATE

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
**Billy E. Prichard** email: **billy@pwlfc.net**

Title **Foreman**

Signature

Date **8/20/2010**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

APPROVED

OCT 15 2010

/s/ Dustin Winkler

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

**Mar Oil and Gas Corporation  
Eumont Hardy Unit # 015  
API # 30-025-07865  
1980 FSL x 660 FWL  
L, Sec 31, T20, R38E  
Lea County, New Mexico**

**Well Data**

**10 3/4" Casing at 192ft x Cement with 225sx  
7 5/8" Casing at 1369ft x Cement with 425sx  
5 1/2" Casing at 3506ft x Cement with 425sx  
Open Hole from 3506-3790ft  
Uncemented slotted liner from 3790-3502ft  
Cement Retainer at 3395ft  
Passed OCD pressure Test – BLM Denied TA Status**

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- 1. Prepare location for Service Unit**
- 2. Set and test SU anchors**
- 3. Move in rig up service unit**
- 4. NU BOP**
- 5. Run 4 3/4" bit x 6 – 3 1/8" DC x 2 3/8" work string**
- 6. DO Cement Retainer at 3395ft**
- 7. Clean out to top of liner at 3502ft**
- 8. Pull tbg and tools**
- 9. Run 3 7/8" bit x 2 3/8" work string**
- 10. Clean out slotted liner to TD 3790 ft**
- 11. Pull tubing and tools**
- 12. Run 5 1/2" treating packer x work string**
- 13. Acidize open hole with 3000 gallons 15% NEFE**
- 14. Release packer x lay down work string and packer**
- 15. Run 5 1/2" nickel coated packer x 2 3/8" IPC tubing**
- 16. Swing packer at 3450 ft**
- 17. Displace casing x tbg annulus with packer fluid**
- 18. Notify NMOCD of pending test**
- 19. ND BOP**
- 20. Set packer at 3450ft**
- 21. Pressure test casing x tbg annulus to 350 psi for 30 minutes**
- 22. Lay 1500 ft of IPC tbg to injection header**
- 23. Turn well to injection service**

Mar Oil and Gas Corporation  
NMLC-031696-B – Eumont Hardy Unit #15  
API: 30-025-07865  
Lea County, New Mexico

RE: Return to Injection – Conditions of Approval

There is to be no surface disturbance beyond the originally approved pad. A closed loop system is to be used. H2S monitoring and protection equipment is to be on site.

2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.

Reminder: A Unit Plan of Operations is to be submitted every year. Last known submission of a Unit Plan of Operations is 1998.

Submit subsequent report once work is completed.

DHW 101510