

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

aim

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

Highland Production Company

3. Address and Telephone No.

810 N. Dixie Blvd., Suite 202, Odessa, Texas 79761-2838

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

1980' FSL and 660' FEL Section 8, T-26-S, R-32-E, NMPM

Unit I

5. Lease Designation and Serial No.

NM19447

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Exxon Federal No. 1

9. API Well No.

30-025-28483

10. Field and Pool, or Exploratory Area

East Ramsey, Ramsey

11. County or Parish, State

Lea County, New Mexico

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 NTL
- 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.)

Following information requested per attached.

- a. North Mason (Delaware)
- b. 15 BWPD
- c. Attached
- d. 250 BBL Water Storage Tank at tank battery.
- e. SWD Line
- f. Tempo Energy, Inc., 4000 N. Big Spring, Suite 109, Midland, Texas 79705. Exxon Federal Well No. 2, Unit Letter M, SW/4 SW/4, Section 9, T-26-S, R-32-E, NMPM, 705' FSL and 660' FEL.

PERMIT #7973

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

Signed [Signature] Title President Date November 1, 1993

(This space for Federal or State office use)

Approved by ORIG. SGD. DAVID R. GLASS Title Petroleum Engineer Date DEC 08 1993
Conditions of approval, if any:

SEE ATTACHED

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. _____

To Highland Production

Date 7-12-88

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by Highland Production Co Date Rec. _____

Well No. 1 Depth _____ Formation Delaware

County LEA Field North Mason Source _____

	<u>Amoco</u>	<u>Exxon</u>	<u>Russell</u>
Resistivity	<u>.056 @ 70°</u>	<u>.056 @ 70°</u>	
Specific Gravity	<u>1.155</u>	<u>1.160</u>	<u>1.160</u>
pH	<u>5.9</u>	<u>5.9</u>	<u>6.2</u>
Calcium (Ca)	<u>22,800</u>	<u>22,850</u>	<u>22,800</u> *MPL
Magnesium (Mg)	<u>3540</u>	<u>3400</u>	<u>3430</u>
Chlorides (Cl)	<u>143,000</u>	<u>148,000</u>	<u>148,500</u>
Sulfates (SO ₄)	<u>Light</u>	<u>Light</u>	<u>Light</u>
Bicarbonates (HCO ₃)	<u>24</u>	<u>12</u>	<u>12</u>
Soluble Iron (Fe)	<u>Light</u>	<u>Light</u>	<u>Light</u>
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.....			
.....			

Remarks: _____ *Milligrams per liter

Respectfully submitted,

Analyst: _____

HALLIBURTON COMPANY

cc:

By _____
CHEMIST

NOTICE

THIS REPORT IS LIMITED TO THE DESCRIBED SAMPLE TESTED. ANY USER OF THIS REPORT AGREES THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER IT BE TO ACT OR OMISSION, RESULTING FROM SUCH REPORT OR ITS USE.

BUREAU OF LAND MANAGEMENT
CARLEBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.