

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<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 7. If Unit or CA, Agreement Designation                                 |
| 2. Name of Operator<br>Mewbourne Oil Company   | 8. Well Name and No.<br>Federal E #12                                   |
| 3. Address and Telephone No.<br>P.O. Box 5270 Hobbs, NM 88240 (505) 393-5905   | 9. API Well No.<br>32-225 20620   |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>1980' FNL & 330' FEL<br>Sec 27 - T18S - R32E           | 10. Field and Pool, or Exploratory Area<br>Querecho Plains Bone Springs |
|  | 11. County or Parish, State<br>Lea                                      |

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

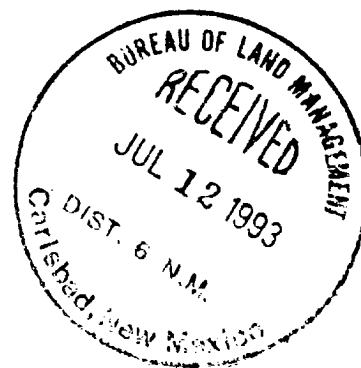
| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                    |
|---|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment              |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/>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

1. Water Producing Formation - BONE SPRINGS
2. Water Production - 10 BBL/D
3. See Attached Sheet
4. Stored in Fiberglass Stock Tank
5. Water is Trucked to Disposal Facility
6. I & W Inc.

Walter Solt State #1  
Unit L Sec. 5 - T18S - R28E Eddy County, New Mexico  
SWD - 318



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

Signed [Signature] Title Production Engineer Date 6-27, 1993

(This space for Federal or State office use)

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

see attached

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.

THE WESTERN COMPANY OF NORTH AMERICA  
WATER ANALYSIS

HOBBS, NEW MEXICO LAB

ANALYSIS #: HB010E70

## GENERAL INFORMATION

OPERATOR: MEWBOURNE  
WELL: BONLE SPRINGS  
FIELD:  
FORMATION:  
COUNTY:  
STATE:

DEPTH: 0  
DATE SAMPLED: 6-23-93  
DATE RECEIVED: 6-23-93  
SUBMITTED BY:  
WORKED BY: COOK  
PHONE #: 505-392-5556

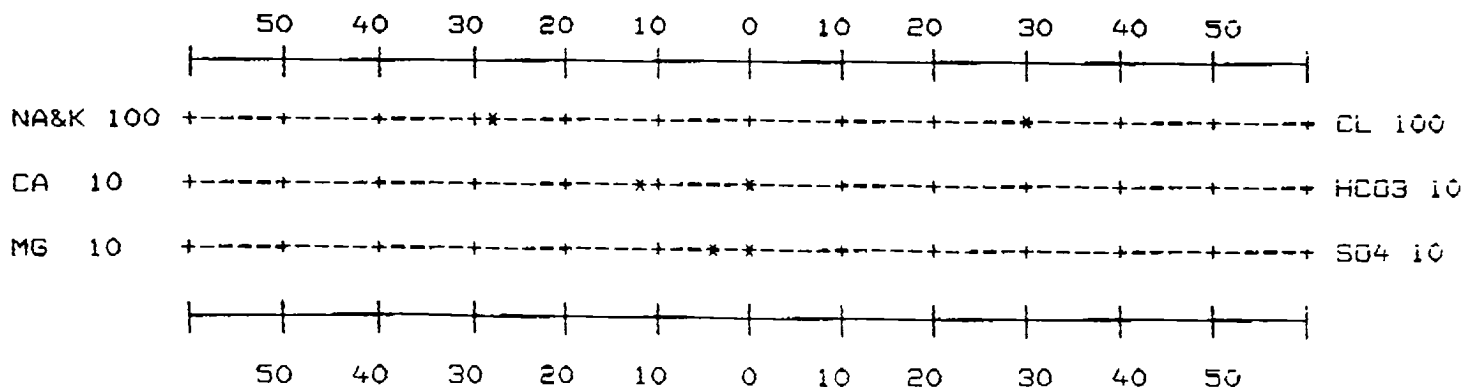
SAMPLE DESCRIPTION:

## PHYSICAL AND CHEMICAL DETERMINATIONS

|                       |                   |                        |            |
|-----------------------|-------------------|------------------------|------------|
| SPECIFIC GRAVITY:     | 1.110 @ 83 °F     | PH:                    | 5.75       |
| RESISTIVITY (CALC. ): | .045 OHMS @ 75 °F |                        |            |
| IRON (FE++):          | 100 PPM           | SULFATE:               | 180 PPM    |
| CALCIUM:              | 2486 PPM          | TOTAL HARDNESS:        | 8378 PPM   |
| MAGNESIUM:            | 525 PPM           | BICARBONATE:           | 176 PPM    |
| CHLORIDE:             | 107183 PPM        | SODIUM CHLORIDE (CALC) | 176316 PPM |
| SODIUM+POTASS:        | 65824 PPM         | TOT. DISSOLVED SOLIDS: | 181742 PPM |
| H2S                   | :NONE DETECTED    | KCL                    | :          |

## REMARKS:

## STIFF TYPE PLOT (IN MEQ/L)



ANALYST

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.