

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U. S. M. L. B. COMMISSION

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-4609
2. Name of Operator Mewbourne Oil Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 5270 Hobbs, NM 88240 (505) 393-5905	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310' FNL & 1980' FWL Sec 27 - T18S - R32E Unit F	8. Well Name and No. Federal E # 2
	9. API Well No. 30-025-25218
	10. Field and Pool, or Exploratory Area Querecho Plains Queens
	11. County or Parish, State Assec 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 - QUEENS
2. Water Production - 2 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 [Signature] Title [Signature] Date [Signature]
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.

*See Instruction on Reverse Side

THE WESTERN COMPANY OF NORTH AMERICA
WATER ANALYSIS

HOBBS, NEW MEXICO LAB

ANALYSIS #: HB010270

GENERAL INFORMATION

OPERATOR: MEWBOURNE
WELL: QUEENS
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

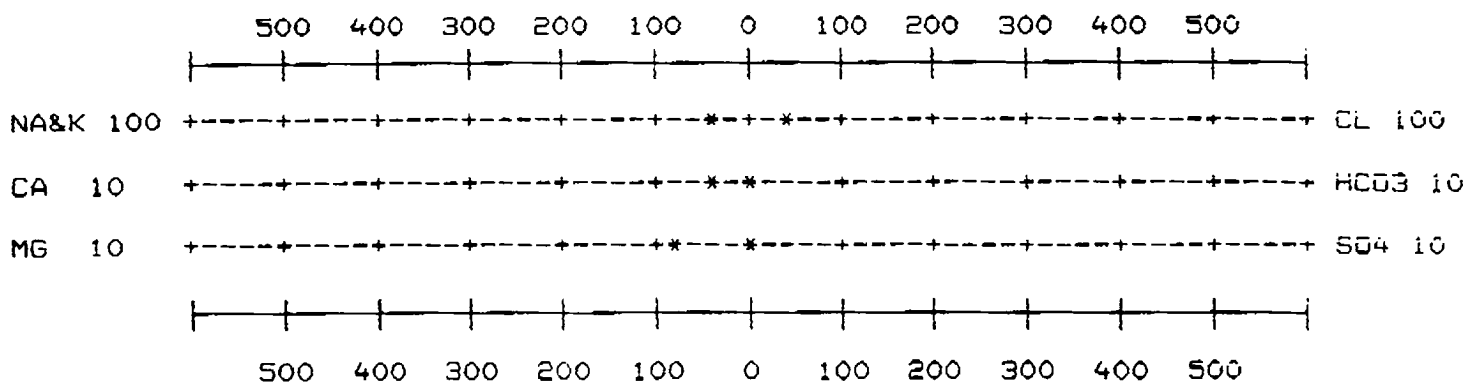
SAMPLE DESCRIPTION:

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY:	1.175 @ 84 °F	PH:	5.95
RESISTIVITY (CALC.)	: .045 OHMS @ 75 °F		
IRON (FE++):	10 PPM	SULFATE:	1277 PPM
CALCIUM:	8170 PPM	TOTAL HARDNESS:	57872 PPM
MAGNESIUM:	9100 PPM	BICARBONATE:	156 PPM
CHLORIDE:	146350 PPM	SODIUM CHLORIDE (CALC)	240746 PPM
SODIUM+POTASS:	69011 PPM	TOT. DISSOLVED SOLIDS:	274666 PPM
H2S	:NONE DETECTED	KCL	:

REMARKS:

STIFF TYPE PLOT (IN MEQ/L)



BUREAU OF LAND MANAGEMENT
CARLSBAD 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.