Form 3160-5 (June 1990)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED					
Budget Bur					
Expires:	March	31, 1993			

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BUREAU OF	F LAND MANAGEMENT	990 Designation and Serial No.		
Do not use this form for proposals to	S AND REPORTS ON WELLS  drill or to deepen or reentry to a different rese OR PERMIT—" for such proposals	NM-4609		
SUBM	7. If Unit or CA, Agreement Designation			
1. Type of Well    Oil   Gas   Other	8. Well Name and No.  Federal E #7  9. API Well No.  36-625-25-212  10. Field and Pool, or Exploratory Area			
330' FNL & 990' FEL Sec 27 - T18S - R32E	Querecho Plains Queens 11. County or Parish, State  Lea			
12. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent  Subsequent Report  Final Abandonment Notice	Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  Other	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water (Note: Report results of multiple completion on Well		
13. Describe Proposed or Completed Operations (Clearly state	all pertinent details, and give pertinent dates, including estimated date of			
<ol> <li>Water Producing Formation</li> <li>Water Production - 2 BBL/D</li> <li>See Attached Sheet</li> <li>Stored in Fiberglass Stock</li> <li>Water is Trucked to Dispose</li> <li>I &amp; W Inc.</li> <li>Walter Solt State #1         <ul> <li>Unit L Sec. 5 - T18S - SWD - 318</li> </ul> </li> </ol>	- QUEENS  Tank sal Facility  R28E Eddy County, New Mexico	SUITEAU OF LAND  BUILE RECEIVED  JUL 12 1993  GOOD ON AND MONICO		
4. I hereby certify that the foregoing is true and correct				
(This space for Federal or State office use)	Tide <u>Production Engineer</u>	<sub>Date</sub> 6-27, 1993		
Approved by Conditions of approval, if any:	Title	Date		
see attached				

Tide 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 #: HB010270

#### GENERAL INFORMATION

OPERATOR: MEWBOURNE

DEPTH:

WELL:

QUEENS

DATE SAMPLED: 6-23-93

FIELD:

DATE RECEIVED: 6-23-93 SUBMITTED BY:

FORMATION: COUNTY:

COOK WORKED BY:

STATE:

505-392-5556 PHONE #:

SAMPLE DESCRIPTION:

#### PHYSICAL AND CHEMICAL DETERMINATIONS

1.175 a 84 °F SPECIFIC GRAVITY: OHMS @ 75 °F ): .045 RESISTIVITY (CALC.

PH: 5.95

IRON (FE++):

10 PPM

SULFATE:

1277 PPM

CALCIUM: MAGNESIUM:

8170 PPM 9100 PPM TOTAL HARDNESS: BICARBONATE:

57872 PPM 156 PPM

CHLORIDE: SODIUM+POTASS:

146350 PPM 69011 PPM

:NONE DETECTED

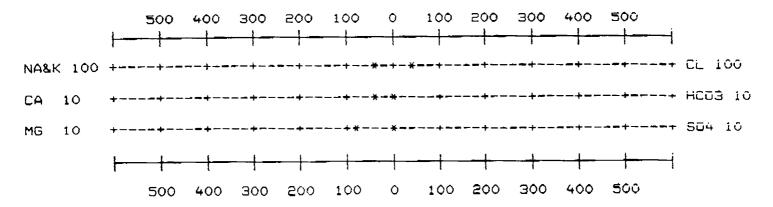
SODIUM CHLORIDE (CALC) TOT. DISSOLVED SOLIDS: 240746 PPM 274666 PPM

H25

REMARKS:

#### STIFF TYPE PLOT (IN MEQ/L)

KCL



# 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 30 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
- 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