

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240  
APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000  
Lease Serial No.  
**NM 16139**

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>EOG Resources Inc.</b>		7. If Unit or CA/Agreement, Name and/or No.
3a. Address <b>P.O. Box 2267 Midland, Texas 79702</b>	3b. Phone No. (include area code) <b>915 686 3689</b>	8. Well Name and No. <b>Madera 29 Fed Com #1</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec 29, T-24-S, R-34-E 1980 FSL 1650 FWL</b>		9. API Well No. <b>30-025-27997</b>
		10. Field and Pool, or Exploratory Area
		11. County or Parish, State <b>Lea NM</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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 recompleate 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 recompleation 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 final site is ready for final inspection.)

1. Water is produced from the Morrow formation.
2. The wells make approximately 1 bbls per day.
3. Water analysis is attached.
4. Water is stored in a 210 bbl fiberglass tank.
5. Water is transported to disposal by truck.
6. Water is disposed of at the Vaca Ridge 30 SWD well located 1980' FSL & 1980' FWL, Unit K, Sec 30, T-24-S, R-34-E, Lea County.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Stan Wagner**

Title

**Reg Analyst**

Date **07/23/02**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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.

Office

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

In order to process your disposal request, the following information must be Completed: **Madera 29-1**

8. Name of formations producing water on the lease. Morrow
9. Amount of water produced from all formations in barrels per day. 1 BPD
10. Attached a current water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and Sulfates. (one sample will suffice if the water is commingled)
11. How water is stored on the lease. 210 BBL Fiberglass Tank
12. How water is moved is moved to the disposal facility. Trucked
13. Identify the Disposal Facility by:
- A. Facility operators name EOG Resources, Inc.
- B. Name of facility or well name & number. Vaca Ridge 30 SWD
- C. Type of facility or well (WDW) (WIW) etc. WDW
- D. Location by 1 ¼ 1 ¼ Section 30 Township 24S Range 34E  
1980' FSL & 1980' FWL in Unit K
14. Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, 414 West Taylor, Hobbs, NM 88240, the above required information on a Sundry Notice 3160-5. Submit 1 original and 5 copies, within the required time frame. (This form may be used as an attachment to the Sundry Notice,) call me at 505-393-3612 if you need to further discuss this matter.



P.O. BOX 2187  
OBBS, N.M. 88240

PHONE: (505) 393-7726

# WATER ANALYSIS REPORT

Report for: Rick Schatz

cc:

cc:

cc:

Company: ENRON

Address:

Service Engineer: KENNY KEARNEY

Date sampled: 9-10-92

Date reported: 9-18-92

Lease or well # : MEDERA 29 1

County: State:

Formation:

Depth:

Submitted by: KENNY KEARNEY

## CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	6	0
Iron (Fe) (total)	135.0	
Total hardness	200	
Calcium (Ca)	4	0
Magnesium (Mg)	46	4
Bicarbonates (HCO <sub>3</sub> )	146	2
Carbonates (CO <sub>3</sub> )	n/a	
Sulfates (SO <sub>4</sub> )	89	2
Hydrogen sulfide (H <sub>2</sub> S)	59	
Carbon dioxide (CO <sub>2</sub> )	158	
Sodium (Na)	12	1
Total dissolved solids	303	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.000

Density (#/gal.) 8.334

pH 6.200

IONIC STRENGTH 0.01

Stiff-Davis (CaCO<sub>3</sub>) Stability Index :

SI = pH - pCa - pAlk - K

SI @ 86 F = -1.98

104 F = -1.76

122 F = -1.53

140 F = -1.29

158 F = -1.05

This water is 2394 mg/l (%-100.00%) under ITS CALCULATED  
CaSO<sub>4</sub> saturation value at 82 F.

SATURATION= 2394 mg/L

PRESENT= 0 mg/L

REPORTED BY MOSES G. JIMENEZ  
LAB TECHNICIAN