

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG Resources Inc.

3a. Address

P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (include area code)

915 686 3689

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

Sec 29, T-24-S, R-34-E  
1980' FSL & 890' FWL

5. Lease Serial No.

NM 28881

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Marshall 29 Fed Com #1

9. API Well No.

30-025-28196

10. Field and Pool, or Exploratory Area

Pitchfork Ranch (Morrow)

11. County or Parish, State

Lea NM

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

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☒ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleat 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 recompleat 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 0 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.

ACCEPTED FOR RECORD

AUG 1 2002

GARY GOURLEY  
PETROLEUM ENGINEER

SUBJECT TO  
LIKE APPROVAL  
BY STATE

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.

**Water Production & Disposal Information**

In order to process your disposal request, the following information must be

Completed: **Marshall 29-1**

8. Name of formations producing water on the lease. **Morrow**

9. Amount of water produced from all formations in barrels per day. **0**

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.**

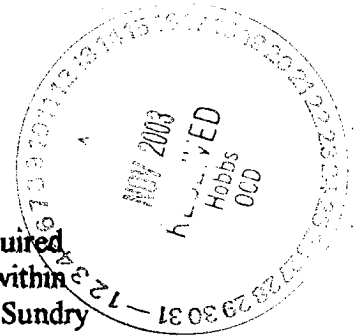
B. Name of facility or well name & number. **Vaca Ridge 30 SWD**

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 1468  
MONAHANS, TEXAS 79756  
(915) 943-3234 or 563-1040

Martin Water Laboratories, Inc.  
WATER CONSULTANTS SINCE 1953  
BACTERIAL AND CHEMICAL ANALYSES

709 W. INDIANA  
MIDLAND, TEXAS 79701  
(915) 683-4521

To: Mr. Dirk Ellyson  
P.O. Box 3229  
Carlsbad, NM 88220

Laboratory No. 29886  
Sample recieved 2-10-98  
Results reported 2-12-98

Company: Enron Oil & Gas Company  
County: Lea, NM  
Field: Pitchfork Ranch (Morrow)  
Lease: Marshall #29-1

Subject: To determine composition of solids suspended in fluid sample from Marshall #29-1.

COMPOSITION OF SOLIDS

Iron Oxide, as $\text{Fe}_2\text{O}_3$	8.68%
Calcium Carbonate, as $\text{CaCO}_3$	41.51%
Calcium Sulfate, as $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$	0.00%
Barium Sulfate, as $\text{BaSO}_4$	0.00%
Organic	13.20%
*Other Acid Insoluble	36.61%

\*Microscopic examination indicated this to be fine to large size sand ranging from 10-650 $\mu$ .

Remarks: It is apparent from these results that the suspension in this fluid was primarily a combination of calcium carbonate particles and sand.



Waylan C. Martin, M.A.

cc: Mr. Hal Crabb, Midland