

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 34, T-23-S, R-32-E
660 FSL & 1980 FEL

5. Lease Serial No.

NM94616

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.

Diamondtail 34 Federal #2

9. API Well No.

30-025-32998

10. Field and Pool, or Exploratory Area

Triste Draw; Delaware

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

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 recomple 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 recomple 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 Delaware formation.

2. The wells make approximately 65 BWPD.

3. Water analysis is attached.

4. Water is stored in a 500 bbl fiberglass tank.

5. Water is transported to disposal by transfer pump to SWD.

6. Water is disposed of at the Triste Draw 36-1 well located 1980' FNL & 510' FWL, Unit E, Sec 36, T-23-S, R-32-E, Lea County. Permit Number SWD-608.

SUBJECT TO
STATE APPROVAL

ACCEPTED FOR RECORD

OCT 18 2002

GARY GOURLEY
PETROLEUM ENGINEER

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

Stan Wagner

Title

Reg Analyst

Date 9/16/02

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

Diamondtail 34 Federal #2

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

1. Name of formations producing water on the lease. Delaware
2. Amount of water produced from all formations in barrels per day. 65 BWPD
3. Attach 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)
4. How water is stored on the lease. 500 BBL Fiberglass Tank
5. How water is moved to the disposal facility. Transfer Pump
6. Identify the Disposal Facility by :
 - A. Facility operators name. EOG Resources, Inc.
 - B. Name of facility or well name & number. Triste Draw 36-1
 - C. Type of facility or well (WDW)(WIW) etc. WDW
 - D. Location by 1/4 1/4 section 36 township 23S range 32E
1980 FNL & 510 FWL, Unit E
7. 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.



Bio Tech, Inc.

Water Analysis Form

Operator : EnronDate : 12/01Lease : Diamond Tail 34County : LeaWellid : Fed #1State : NMBio Tech Dist : West TexasRequested By : T. Ratliff

Lab Measurements

Oxygen	<u>1.0</u>	<u>mg/L</u>	Specific Gravity	<u>1.1800</u>
Carbon Dioxide	<u>1,860</u>	<u>mg/L</u>	Total Dissolved	
Bicarbonate	<u>25</u>	<u>mg/L</u>	Solids (TDS) Calc.	<u>158,284</u> <u>mg/L</u>
Hydrogen Sulfide	<u>1.0</u>	<u>mg/L</u>	Barium	<u>0</u> <u>mg/L</u>
pH	<u>5.0</u>		Sulfate	<u>1,117</u> <u>mg/L</u>
Temperature	<u>66</u>	<u>°F</u>	Chloride	<u>98,900</u> <u>mg/L</u>
Iron	<u>5.20</u>	<u>mg/L</u>	Total Hardness	<u>60,400</u> <u>mg/L</u>
Oil in Water	<u>n/a</u>	<u>mg/L</u>	Calcium Hardness	<u>42,700</u> <u>mg/L</u>

Cations (+)	mg/L	mEq/L	Anions (-)	mg/L	mEq/L
Barium (Ba)	<u>0</u>	<u>0.00</u>	Carbonate (CO ₃)	<u>0</u>	<u>0.00</u>
Calcium (Ca)	<u>17,080</u>	<u>854.00</u>	Bicarbonate (HCO ₃)	<u>25</u>	<u>0.41</u>
Magnesium (Mg)	<u>4,317</u>	<u>353.86</u>	Chloride (Cl)	<u>98,900</u>	<u>2785.92</u>
Sodium (Na) Calc.	<u>36,840</u>	<u>1601.74</u>	Sulfate (SO ₄)	<u>1,117</u>	<u>23.27</u>
Iron (Fe) Total	<u>5.20</u>	<u>0.19</u>			

Probable Scale Composition

Compound	mEq/L	mg/L	Scale Formation Potential @ 70°F
Barium Sulfate	<u>0.00</u>	<u>0</u>	Scale Formation Potential Exists
Calcium Carbonate	<u>0.41</u>	<u>33</u>	
Calcium Sulfate	<u>23.27</u>	<u>1,584</u>	