

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOC

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

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)

432 686 3689

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

1980' FNL & 1980' FEL  
Sec 20, T23S, R33E

5. Lease Serial No.

NM 2386-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Brinninstool #1

9. API Well No.

30-025-24893

10. Field and Pool, or Exploratory Area

Brinninstool; Morrow (Gas)

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 checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>water disposal</u>                     |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input 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 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. Water production is approximately 0-1 bbls per day.
3. Water is stored in a 210 bbl tank.
4. Water is transported to disposal by truck.
5. Water is disposed of at the Cities Federal #1, operated by Southwest Royalties, located in Sec 20, T22S, R36E, Lea Co, NM.

SUBJECT TO  
LIKE APPROVAL  
BY NMOC

APPROVED

JUN 27 2005

GARY GOURLEY  
PETROLEUM ENGINEER

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

Stan Wagner

Title

Regulatory Analyst

Date 5/11/05

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

## Water Production & disposal Information

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

1. Name of formations producing water on the lease. Morrow

2. Amount of water produced from all formations in barrels per day. 0 - 1 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. 210 bbl tank

5. How water is moved to the disposal facility. Truck

6. Identify the Disposal Facility by :

A. Facility operators name. Southwest Royalties

B. Name of facility or well name & number. Cities Federal #1

C. Type of facility or well (WDW) (WIW) etc. WDW

D. Location by 1/4 1/4            section 20 township 22S range 36E

7. Attach a copy of the State issued permit for the Disposal Facility.

Permit # NML-C030132

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 98  
MIDLAND, TX. 79702  
PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA  
MIDLAND, TEXAS 79701  
FAX (432) 682-8619

RESULT OF WATER ANALYSES

TO: Mr. Hal Crabb LABORATORY NO. 904-5  
P.O. Box 2267, Midland, TX 79702 SAMPLE RECEIVED 8-31-04  
RESULTS REPORTED 9-2-04

COMPANY EOG Resources, Inc. LEASE Brinninstool #1-1

FIELD OR POOL \_\_\_\_\_  
SECTION \_\_\_\_\_ BLOCK \_\_\_\_\_ SURVEY \_\_\_\_\_ COUNTY Lca STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:  
Submitted water sample - taken from Brinninstool. 8-24-04

NO. 1 \_\_\_\_\_  
NO. 2 \_\_\_\_\_  
NO. 3 \_\_\_\_\_  
NO. 4 \_\_\_\_\_

REMARKS: Morrow

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0521			
pH When Sampled				
pH When Received	6.10			
Bicarbonate as $\text{HCO}_3$	3,721			
Supersaturation as $\text{CaCO}_3$				
Undersaturation as $\text{CaCO}_3$				
Total Hardness as $\text{CaCO}_3$	10,800			
Calcium as Ca	2,880			
Magnesium as Mg	875			
Sodium and/or Potassium	26,684			
Sulfate as $\text{SO}_4$	659			
Chloride as Cl	46,150			
Iron as Fe	2,332			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	80,968			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0			
Resistivity, ohm/cm at 77° F.	0.112			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The last analysis on this well that was labeled as Morrow shows a lower sulfate and chloride level than this latest sample. Our records of Morrow in the Brinninstool field show chloride and sulfate levels approximately 25% lower than this sample.

Form No. 3 By Greg Ogden  
Greg Ogden, B.S.