

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

RECEIVED

OCT 09 2009

HOBBSUCD

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

WJW

## 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 page 2

## 1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Water Injection

## 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)

1340' FNL &amp; 990' FEL U/L H

Sec 21, T18S, R33E

## 5. Lease Serial No.

LC 064944

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

East Corbin 9

Delaware Unit

## 9. API Well No.

30-025-32915

## 10. Field and Pool, or Exploratory Area

Corbin Delaware; West

## 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 recompletable 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 recompletion 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.)

Casing leaks have been squeezed twice before from 319' down to 788'. Well will circulate,  
no water flows. Delaware injection perfs 5198' - 5262'.

## Procedure:

1. Set 5-1/2" composite bridge plug on wireline in the first joint above the injection perfs.
2. Dump bail 35' of cement on top of the CBP
3. PU and run +/- 5100' of 4", 9.5 #, Ultra FJ casing to surface.
4. Change out wellhead equipment to land 4" casing in the 5-1/2" Larkin head bowl
5. NU new well head on the 4" casing.
6. RU BJS to cement the 4" casing and circulate cement to surface. 100 sx Lead Slurry: 50:50:10 Class C Poz, 11.8 ppg, 2.30 yield; 50 sx Tail Slurry: 50:50 Class C, 14.2 ppg, 1.24 yield.
7. WOC 24 hrs before drill out.
8. RIH w/ 2-3/8" injection tubing and packer set at +/- 5100'.
9. Notify BLM to witness pressure test.
10. Return to injection.

SUBJECT TO LIKE  
APPROVAL BY STATE

APPROVED

SEP 18 2009

/s/ Chris Walls

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

Stan Wagner

Title Regulatory Analyst

Signature

Date 8/27/09

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PETROLEUM ENGINEER

Date

OCT 13 2009

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



**Information for Sundry on the ECDU #9 WIW - Run 4" FJ liner -**  
**Ron Willett to: Stan Wagner**

08/27/2009 10:16 AM

**Current conditions :**

8 5/8" surface casing set @ 447'; Cement circulated to surface

5 1/2" 15.50# K-55 LTC casing surface to 5500';

Casing leaks have been squeezed twice (total of 350 sacks) from 319' down to 788'; Pressure up to 450 psi leaks off to 150 psi in 30 minutes;

Well will circulate, no water flows.

Delaware Injection Perfs; 5198' - 5,262'

**Procedure:**

1. Set a 5 1/2" Composite BP on wireline in first joint above the injection perfs
  2. Dump bail 35' of cement on top of the CBP
  3. PU and run  $\pm 5,100'$  of 4" 9.5# Ultra FJ casing to surface.
    - a. shoe, 1 joint of casing, FC, balance of casing.
    - b. sand blast bottom 4 joints
    - c. use 3/8" key stock welded to FJ casing to centralize
  4. Change out wellhead equipment to land 4" casing in the 5 1/2" Larkin head bowl
  5. NU new wellhead on the 4" casing.
  6. RU BJS to cement the 4" 9.5# J-55 ULTFJ casing and circulate cement to surface.
    - a. 4" X 5 1/2" annulus 0.0464 cf/ft;  $5,150' \times 0.0464 = 239$  cf; plus 15% excess (35.85 cf); Total of 275 cf
    - b. 4" shoe joint capacity;  $0.0687$  cf/ft X 40' = 2.75 cf
    - c. Pump a minimum total of 280 cf of slurry
    - d. 100 sack LEAD Slurry: 50:50:10 Class C/ Pozmix/ gel: cement with additives; 0.8 FL
- 52, 0.2 ASA 51, 03 SMS
- BHST = 110 deg F  
Mix Wt: 11.8 ppg  
Yield: 2.3 cf/sk  
< 200 FL; 0 FW
- 50 sack TAIL Slurry: 50:50:0 (no gel) Class C    0.8 FL62    0.3 CD32, 0.3 SMS  
Mix Wt: 14.2 ppg  
Yield: 1.24 cf/sk
7. WOC minimum of 24 hrs before drilling out.
  8. Run Injection packer on 2 3/8" 4.7# 8rd EUE IPC tubing. Set in bottom joint of 4" liner( $\pm 5,100'$ )
  9. Notify BLM to witness pressure test.
  10. Return well to injection

EOG Consultant on location: James Brown : 1+ 325-650-5973

Directions: West out of Hobbs on 529 to CG and 3C FW station sign on L between MM 14 and 15.

T/L go 1 mile south to CG with Combination lock ( combination 1388)

Continue South 1 1/4 miles to rig on L



Well Information: ECDU#9WIW.docx

Regards,  
Ron Willett

**East Corbin Delaware Unit 9**

**30-025-32915**

**EOG Resources Inc.**

**September 18, 2009**

**Conditions of Approval**

- 1. Surface disturbance beyond the existing pad must have prior approval.**
- 2. Closed loop system required.**
- 3. Operator to have H2S monitoring equipment on locations H2S has been reported from Delaware Group.**
- 4. A 2M BOP is required and must be tested prior to setting CIBP over perforations.**
- 5. Contact BLM 575-393-3612 a minimum of 4 hours prior to setting CIBP.**
- 6. Additional cement may be required, as excess cement was calculated to be less than 25%.**
- 7. Subsequent sundry required.**

**CRW 091809**