

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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

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 & 2310' FEL, U/L G (SHL) Sec 17, T18S, R30E

1980' FNL & 2310' FWL, U/L F (BHL) Sec 16, T18S, R30E

5. Lease Serial No.

LC-063621a (SHL)

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Sand Tank 17 3H

Fed Com

9. API Well No.

30-015-39168

10. Field and Pool, or Exploratory Area

Sand Tank; Bone Spring

11. County or Parish, State

Eddy

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>Intermediate</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | <u>Casing</u> |

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 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.)

7/23/11 Ran 83 jts 8-5/8", 32#, J-55 LTC casing set at 3344'.

Cemented lead w/ 750 sx Class C, 12.7 ppg, 2.215 yield; tail w/ 200 sx Class C, 14.8 ppg, 1.332 yield. Circulated 202 sx cement to surface. WOC 26 hrs.

7/24/11 Tested casing to 2000 psi for 30 minutes. Test good.

*** Note, unplanned change in tail slurry ***

The cement company pumped the wrong tail slurry.

Planned and permitted slurry: 200 sx (14.8 ppg, 1.32 yield) Class C + 0.25 pps Cello Flake + 0.005 pps Static Free + 0.005 gps FP-6L

7 hr Comp. Strength = 500 psi

12 hr Comp. Strength = 976 psi

24 hr Comp. Strength = 1800 psi

Pumped Slurry: 200 sx (14.8 ppg, 1.33 yield) Class C, + 2.00% SMS + 10.0% Salt + 0.65% R-3 + 0.25 pps Cello Flake.

9 hr Comp. Strength = 500 psi

12 hr Comp. Strength = 976 psi

24 hr Comp. Strength = 1722 psi

Accepted for record - NMOCD

DES 9-6-11

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

Stan Wagner

Title Regulatory Analyst

Signature

Date 7/26/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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.

ACCEPTED FOR RECORD

AUG 6 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE



PERMIAN REGION LAB Cement Lab Report

Phone (432) 530-2667 Fax (432) 530-0279

Test Number: 529445605

Test Date: 7/24/2011

Report Number:

WELL INFORMATION

Operator: EOG Resources
API #:
Well Name: Sand Tank 17 Fed Com #3 H
Slurry Type: Lead
Blend Type: Field
Comments:

County: Eddy
State: NM
Requested By: Jim Livesay
TVD: 3400 MD: 3400
District: Artesia

TEST DATA AND SCHEDULE

Time To Temp (min): 33.00
Initial Press (psi): 340
Final Press (psi): 1930
BHST (deg F): 105
BHCT (deg F): 95
Comments:

Mud Density (lb/gal): 9
Mix Water Density (lb/gal): 8.34
Mix Water Type: Rig Water
Surf Temp (deg F): 80
Job Type: Intermediate

SLURRY AND TEST RESULTS

Vendor: Cemex

Slurry: Class 'C' + 2.00% SMS + 10.00% Salt (5.591 lb/sk) + 0.65% R-3 + 0.25 lb/sk Cello Flake

Density: 14.8 lb/gal
Yield: 1.429 CuFt/sk

Mix Water: 6.704 gal/sk (59.48%)

Total Mix Liquid: 6.704 gal/sk

Fluid Loss: 396 cc/30 min

Pump Time (50 Bc):
Pump Time (70 Bc):
Pump Time (100 Bc):

Free Water (ml): 0 (Tested at 90 Degrees)

Compressive Strength

Temp	Time	Strength	Type
105	9:12	500	UCA
105	12	976	UCA
105	24	1722	UCA

Rheology (PL=Power Law, BP= Bingham Plastic)

Temp	600	300	200	100	6	3	n'	k'	Yp	Pv	Best
80	110	84	75	66	46	39	0.147	0.344	52.0	37.3	PL

Comments: