

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
O&B No. 1004-017
Expires March 31, 2007

5. Lease Serial No.

NMS-030991

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A Agreement, Name and/or No.

8. Well Name and No.

Bata Federal #3

9. API Well No.

30-025-22577

10. Field and Pool, or Exploratory Area
Mullinax Paddock

11. County or Parish, State

Lee, NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other2. Name of Operator
COG Operating LLC3a. Address
250 W. Texas Ave., Suite 1300 Midland, TX 797013b. Phone No. (include area code)
432-685-4395

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

330 PNL & 1980 FWL, Sec. 35, T19S, R33E, Unit Letter C

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other run 5" casing
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 to 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 site is ready for final inspection.)

SEE ATTACHMENT

SUBJECT TO LIKE
APPROVAL BY STATESEE ATTACHED FOR
CONDITIONS OF APPROVAL14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Phyllis A. Edwards

Title Regulatory Analyst

Signature

Date

12/17/2007

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DEC 17 2007

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

WESLEY W. INGRAM

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any Federal or State official any false, fictitious or fraudulent statements or representations in any matter within its jurisdiction.

(Instructions on page 2)

GWW

DEC 18 2007

Bate Federal #3

330' FNL, 1,880' FWL

Sec 35 T19S R33E

Lea County, New Mexico

The 4-1/2" liner in the Bates Federal #3 has holes that require remediation. COG plans to mill up liner and run a new string of 5" casing from TD to surface and cement same from TD to surface. This work will allow COG the ability in the future to run a string of 3-1/2" tubing whereas we were unable to with the 4-1/2" liner. The 3-1/2" tubing will allow greater injectivity due to lower friction pressure. Running a new string of 5" casing from TD to surface will provide for greater protection than just squeezing the liner.

Procedure

1. MIRU WSU. Set frac tank. RU reverse unit.
2. ND wellhead. NU 3K BOP.
3. Release inflatable packer. LD PC tubing. Send packer to Weatherford.
4. PU 6 1/4" shoe and 90' of 6" washpipe.
5. Pick-up/tally N-80 2 7/8" workstring.
6. Tag liner top and wash over 4 1/2" liner.
7. Recover casing as necessary.
8. PU shoe and wash pipe and clean out/remove liner to 3,514'.
9. Condition hole, assuming full circulation. Pump fluid caliper and calculate openhole volume.
10. PU 5" 13#/ft J-55 casing string. Run float shoe, 10' jt csg, float collar, if full circulation. Float equipment and cement design will alter with partial or zero returns. Cement to surface. WOC 24 hrs.
11. PU 4-1/4" bit, collars, 2 7/8" tbg. Drill out/clean out to 3,514'.
12. RU wireline, perforate w 3 1/8" slick guns 4 jspl from 3,484' to 3,512' 28". 112 shots.
13. Acidize if necessary with 3,000 gallons 15% iron control HCl.
14. PU 5" packer, PC 2 7/8" tbg. Set packer @ 3,400'.
15. Notify OCD of intent to perform MIT test. Perform MIT test. Send results to OCD.
16. Rig up and resume injection.

**Bate Federal 3
COG Operating LLC
December 17, 2007
Conditions of Approval**

- 1. CBL required to determine height of cement behind 7" casing.**
- 2. Set packer or CIBP in 7" below TOC. Perforate at TOC, set packer and circulate cement to surface in 7" x 9-5/8" annulus to meet requirements for R-111-P potash.**
- 3. BLM to witness CIT on new casing – call (575) 393-3612.**

WWI 121707