

MAR 19 2009

Form 3100-6 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or re enter an abandoned well. Use Form 3100-3 (APD) for such proposals.

5. Lease Serial No. NM 02931
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. Muncy Fed #2
8. Well Name and No. Muncy Fed #2
9. API Well No. 30-015-25012
10. Field and Pool, or Exploratory Area EDDY CO. NM

SUBMIT IN TRIPPLICATE - Other instructions on reverse side

1. Type of Well [X] Oil Well [] Gas Well [] Other
2. Name of Operator NMOCO For CTO Management
3a. Address 3b. Phone No. (include area code)
4. Location of Well (Footage, Sec., T., R., M., OR Survey Description) E-13-175-27E 1980' FUL 660' FUL

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

TYPE OF SUBMISSION: [X] 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, [X] Plug and Abandon, [] Plug Back, [] Production (Start/Resume), [] Recompletion, [] Temporarily Abandon, [] Water Disposal, [] Water Shut-Off, [] Well Intensity, [] 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 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 in a new interval, a Form 3100-4 shall be filed once setting has been completed. Final Abandonment Notices shall be filed only after all requirements, including recompletion, have been completed, and the operator has determined that the site is ready for final injection.)

- 1) Set 5 1/2" CIBP @ 424' Circ. Cement to Surface
2) Install Dry hole Marker - clean up location.
* Top of cmt. unknown behind 5 1/2" casing. Set CIBP cap w/ adequate cast to bring up to 365. Feet. 365 circ. in/out of 5 1/2" to surface.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Mark Hoskins Signature [Signature]

Title agent for NMOCO Date 3/17/09 APPROVED [Signature]

THIS SPACE FOR FEDERAL OR STATE OFFICE USE
Approved by [Signature] Title Office
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.

MAR 26 2009 Date
JAMES A. AMOS SUPERVISOR-EPS

Title 18 U.S.C. Section 1007 and Title 45 U.S.C. Section 1212, make 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 or to any matter within its jurisdiction.

Case 14055 De Novo
C&D Management Company
dba Freedom Ventures Company
OCD Exhibit 66

HOLE SIZE 12 1/4

CASING SIZE 8 5/8
TD 314

HOLE SIZE 7 7/8

TOL unknown

CASING SIZE 5 1/2
TD 1745



SALT SECTIONS TOP _____
BASE _____
RIIP _____

CAVE/KARST _____
SPEL WATER _____

Perf @ 365 Circ.

424-480
BA @ 600

1484
BA (shut off water) @ 1617

FORMATIONS	Yates	316
Z. Rivers	415	
DW	882	
G-R	1278	
SA	1687	

DVT _____
PERFORATIONS 1486-1682
424-480

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed as per Onshore Oil and Gas Order 2, prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a baller is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C" for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.