Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| HOBBS | OCD |
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FORM APPROVED OMB NO 1004-0135 Expires: July 31, 2010

| 5 | Lease Serial No |  |  |  |  |  |
|---|-----------------|--|--|--|--|--|
|   | NMNM24683       |  |  |  |  |  |

| SUNDRY<br>Do not use th<br>abandoned we   | NMNM24683  6. If Indian, Allottee or Tribe Name                           |  |                  |                                |                      |  |  |  |
|---|---|--|------------------|--------------------------------|----------------------|--|--|--|
| SUBMIT IN TRI   | EIVED   | 7. If Unit or CA/Agreement, Name and/or No |                  |                                |                      |  |  |  |
| Type of Well     ☐ Gas Well ☐ Otl   | 8 Well Name and No.<br>MERCHANT 8 FEDERAL 1                               |  |                  |                                |                      |  |  |  |
| Name of Operator     CHESAPEAKE OPERATING   | 9. API Well No<br>30-025-36318  |  |                  |                                |                      |  |  |  |
| 3a Address<br>P.O. BOX 18496<br>OKLAHOMA CITY, OK 7315  | 10 Field and Pool, or Exploratory DAGGER LAKE                             |  |                  |                                |                      |  |  |  |
| 4. Location of Well (Footage, Sec., T, R, M, or Survey Description)   |   |  |                  | 11 County or Parish, and State |                      |  |  |  |
| Sec 8 T22S R33E Mer NMP S   | į   | LEA COUNTY, NM                             |                  |                                |                      |  |  |  |
| 12. CHECK APPI  | ROPRIATE BOX(ES) TO IN  | DICATE NATURE OF                           | NOTICE, RE       | PORT, OR OTHE                  | R DATA               |  |  |  |
| TYPE OF SUBMISSION  |   |  |                  |                                |                      |  |  |  |
| Notice of Intent  | ☐ Acıdize   | Deepen                                     | ☐ Producti       | on (Start/Resume)              | □ Water Shut-Off     |  |  |  |
| •   | ☐ Alter Casing  | ☐ Fracture Treat                           | □ Reclama        | tion                           | ■ Well Integrity     |  |  |  |
| ☐ Subsequent Report   | Casing Repair   | ■ New Construction                         | ☐ Recomp         | lete                           | ☐ Other              |  |  |  |
| ☐ Final Abandonment Notice  | ☐ Change Plans  | □ Plug and Abandon                         |                  | rily 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 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 site is ready for final inspection.)  CHESAPEAKE, RESPECTFULLY REQUESTS PERMISSION TO TEMPORARILY ABANDON THE MERCHANT 8 FEDERAL 1 WELL FOR 6 MONTHS (JUNE 2012)PER THE FOLLOWING PROCEDURE:  1. MIRU PU. ND WH. NU BOP PU workstring. TiH to 8,675'. Spot 28 sx Class H cmt plug. TOH. RDMO PU. ND BOP. NU WH.  2. Top will be at 8,532' which is 50' above top of current perforations.  2. MIRU WL. PU 7" 29# CIBP. RIH and set CIBP at 8,532'. Dump bail 35' of cmt on top of CIBP. RDMO WL.  3. Notify BLM. Load and test to ensure wellbore integrity.  THIS WELL IS ON THE NEW MEXICO IAWL AND CHESAPEAKE IS CURRENTLY IN NEGOTIATIONS WITH CHEVRON ON USING THE WELLBORE TO ACCESS THE 2ND BONE SPRING FOR COMPLETION. CHESAPEAKE WILL NEED TIME TO GET  SEE ATTACHED FOR  14. Thereby certify that the foregoing is true and correct  CONDITIONS OF APPROVAT. |   |  |                  |                                |                      |  |  |  |
| Name (Printed/Typed) LINDA GC   |   | OPERATING, INC., sent to                   | the Hobbs        | System  COMPLIANCE SPE         | EC                   |  |  |  |
|   |   |  |                  |                                |                      |  |  |  |
| Signature (Electronic Submission) Date 12/07/2011  THIS SPACE FOR FEDERAL OR STATE OFFICE USE   |   |  |                  |                                |                      |  |  |  |
|   | 1 /   | <del> </del>                               |                  | _                              | <del></del>          |  |  |  |
| Approved By J. D. Ke  | Title LIET  |  |                  | Date 14/11                     |                      |  |  |  |
| 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 operating therein.  |   |  |                  |                                |                      |  |  |  |
| Title 18 U.S.C. Section 1001 and Title 43   | U.S.C. Section 1212, make it a crim tatements or representations as to an | e for any person knowingly and             | willfully to mak | te to any department or        | agency of the United |  |  |  |

### Additional data for EC transaction #125001 that would not fit on the form

### 32. Additional remarks, continued

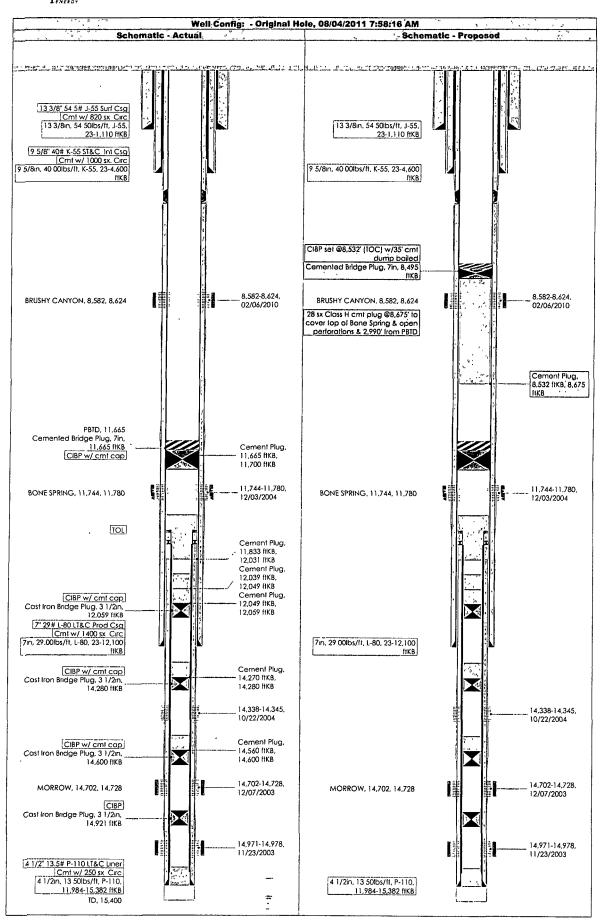
THE RESULTS FROM THE 2ND BONE SPRING COMPLETION IN THE AREA WHICH WE HAVE OWNERSHIP. ACTUAL & PROPOSED WELLBORE SCHEMATIC ATTACHED.

(CHK PN 819462)

## Chesapeake

#### **Proposal Schematic**

#### **MERCHANT 8 FEDERAL 1**



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

#### Temporary Abandonment of Wells on Federal Lands Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

- 1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
- 2. A description of the temporary abandonment procedure.
  - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
  - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.
  - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
  - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
  - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
- 3. Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

- 1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval <u>with well bore diagram</u> with all perforations and CIBP's and tops of cement on CIBP's.
- 2. Describes the temporary abandonment procedure.
- 3. Attaches a clear copy or the original of the pressure test chart.
- 4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

- 1. A procedure to repair the casing so that a TA approval can be granted.
- 2. A procedure to plug and abandon the well.

#### Merchant 8 Federal #1

- 1. Well may be approved to be TA/SI for a period of 6 months or until 6/01/2012 after successful MIT and subsequent report with well bore diagram is submitted.
- 2. This will be the only TA approval for this well.
- 3. Well must be returned to production or plans to P&A must be submitted by June 1, 2012.
- 4. Notify BLM to witness setting of cement plugs and CIBP.