

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

JUL 22 2009

FORM APPROVED
OMB NO. 1004-0135
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 reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM34246
2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: LINDA GOOD E-Mail: linda.good@chk.com		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405-935-4275	7. If Unit or CA/Agreement, Name and/or No. NMNM72187
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) Sec 20 T22S R26E SESW 660FSL 2080FWL		8. Well Name and No. FEDERAL CN COM 1
		9. API Well No. 30-015-23939
		10. Field and Pool, or Exploratory HAPPY VALLEY
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug-and-Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 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 recompleat 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 PLUG & ABANDON THIS WELL PER THE FOLLOWING PLUGGING PROCEDURE.

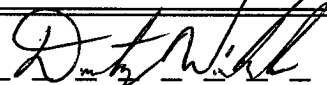
1. NOTIFY THE BLM 24 HOURS IN ADVANCE PRIOR TO COMMENCING PLUG AND ABANDONMENT OPERATIONS.
2. HOLD TAILGATE SAFETY MEETING PRIOR TO BEGINNING WORK EACH MORNING AND AS REQUIRED FOR SPECIFIC OPERATIONS.
3. RACH AND TALLY 354 JTS 2-7/8" N-80 WORKSTING.
4. PREPARE LOCATION. TEST ANCHORS.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

* Interim Reclamation Procedure Attached

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #72011 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMS for processing by KURT SIMMONS on 07/09/2009 ()	
Name (Printed/Typed) LINDA GOOD	Title SR. REGULATORY COMPLIANCE SPEC
Signature (Electronic Submission)	Date 07/09/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title Petroleum Engineer	Date 7-17-09
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 CFO

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 department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #72011 that would not fit on the form

32. Additional remarks, continued

5. MIRU PU. NDWH. NU AND TEST BOP.

6. RIH WITH TUBING AND SPOT A 5 SACK CEMENT PLUG ON TOP CIBP @ 10620'.

7. LOAD WELL WITH PLUGGING MUD AND PRESSURE UP TO 500# AND TEST FOR LEAK-OFF.

~~8. PUH TO 7980' AND SPOT A 100' (25 SACK MINIMUM) CEMENT PLUG. WAIT ON CEMENT AND TAG PLUG.~~ → See COA Add Plug

9. PULL UP HOLE TO 5181' AND SPOT A ¹⁵⁰~~100~~ (25 SACK MINIMUM) CEMENT PLUG. WAIT ON CEMENT AND TAG PLUG. (DV Tool @ 5131') → See COA 130

10. PULL UP HOLE TO 2903' AND SPOT A ~~100~~ (25 SACK MINIMUM) CEMENT PLUG. WAIT ON CEMENT AND TAG PLUG. (9-5/8" CASING SHOE @ 2873').

11. PULL UP HOLE TO 755' AND SPOT A 100' (25 SACK MINIMUM) CEMENT PLUG. WAIT ON CEMENT AND TAG PLUG. (13 3/8" CASING SHOE @ 705')

12. PULL UP HOLE TO 78.4' AND PUMP 60' SURF PLUG. TOP OFF CASING. POH.

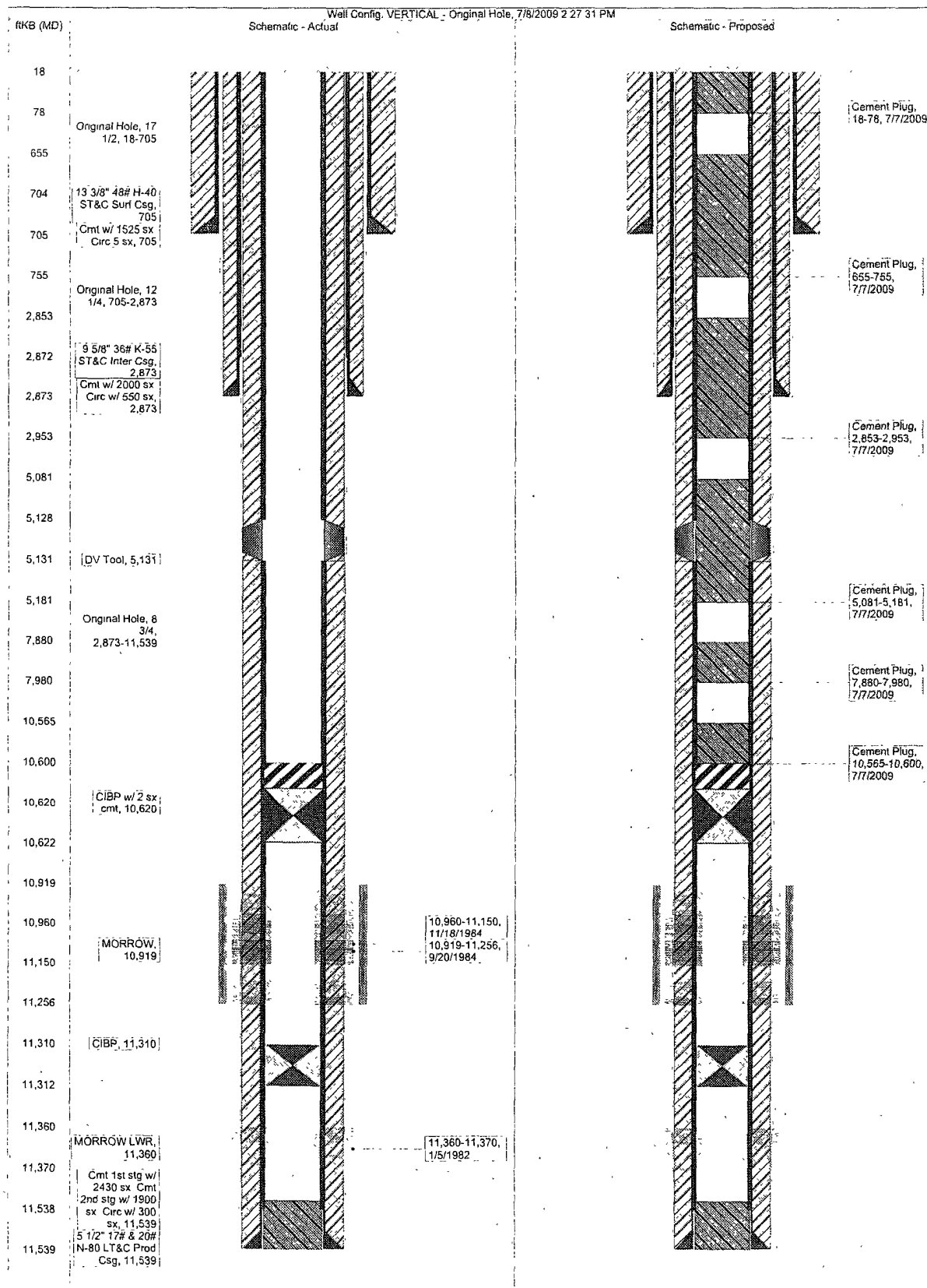
13. RDMO. INSTALL DRY HOLE MARKER AND CUT OFF DEAD MAN. RESTORE LOCATION.

(CHK PN 890440)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Field: Happy Valley (Morrow Gas)
County: EDDY
State: NEW MEXICO
Location: SEC 20, 22S-26E, 660 FSL & 2080 FWL
Elevation: GL 3,368.60 KB 3,387.00
KB Height: 18.40

Spud Date: 10/22/1981
Initial Compl. Date:
API #: 3001523939
CHK Property #: 890440
1st Prod Date: 3/31/1982
PBDT: Original Hole - 10620.0
TD: 11,539.0



Chesapeake Operating, Inc.
NMNM-72187: Federal CN Com 1
660' FSL & 2080' FWL Sec 20, T22S-R26E
Eddy County, New Mexico

RE: Plugging and Abandonment Requirements, Conditions of Approval

1. A plug must be in place to cover the top of the Wolfcamp at 8522'. Plug must be placed at least 50' below and extend 50' above with a minimum 180' length and 25 sx.
2. Make sure the plug set at 7980' is at least 180'.
3. The plug set at 5181' will be extended up to 4830' to cover the top of the Bone Springs.
4. Make sure the plug set at 2903' is at least 130'.

See attached standard COAs.

DHW 071509

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 before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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 brine 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 bailer 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.

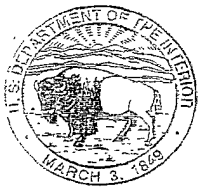
6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently 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.

DHW 071309



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carsbad Field Office
620 E. Greene St.
Carsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To 1310

Interim Reclamation Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). Interim reclamation is to be completed within 6 months of well completion.
3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.
4. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
5. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met.

If there are any questions, please feel free to contact any of the following specialists.

Jim Amos
Supervisory Environmental Protection Specialist
575-234-5909, 575-361-2648 (Cell)

Cody Layton
Natural Resource Specialist
575-234-5959

Terry Gregston
Environmental Protection Specialist
575-234-5958

Trishia Bad Bear
Natural Resource Specialist
575-393-3612

Bobby Ballard
Environmental Protection Specialist
575-234-2230

Todd Suter
Surface Protection Specialist
575-234-5987

Randy Rust
Environmental Protection Specialist
575-234-5943

Doug Hoag
Civil Engineering Technician
575-234-5979

Linda Deniniston
Environmental Protection Specialist
575-234-5974

Jennifer Van Curen
Environmental Protection Specialist
575-234-5905

Justin Frye
Environmental Protection Specialist
575-234-5922



API Well Number Banner

Report Description

This report shows a Well's API Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



30015239390000

30 15 23939

FEDERAL CN COM No.001

CHESAPEAKE OPERATING, INC.

7/23/2009