

New Mexico Oil Conservation Division, District 4
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

JUN 29 2009

HOBBSCO

5. Lease Serial No. NMNM94083
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. FEDERAL 34 1
9. API Well No. 30-005-21091-00-X1
10. Field and Pool, or Exploratory OASIS-ABO
11. County or Parish, and State CHAVES COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CHESAPEAKE OPERATING INC	Contact LINDA GOOD E-Mail. linda.good@chk.com
3a. Address 2010 RANKIN HWY MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 405-935-4275
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T9S R30E SWSW 988FSL 995FWL <i>Unit - M</i>	

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 recomple 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 recomple 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 P&A THIS WELL PER THE FOLLOWING PLUGGING PROCEDURE. WE HAVE RECEIVED A "NOTICE OF WRITTEN ORDER" ON THIS WELL AND WOULD APPRECIATE A QUICK APPROVAL. THANK YOU.

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. RACK AND TALLY 252 JOINTS OF 2-3/8" N-80 WORKSTING.
4. PREPARE LOCATION. TEST ANCHORS.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #71214 verified by the BLM Well Information System For CHESAPEAKE OPERATING INC, sent to the Roswell Committed to AFMSS for processing by DAVID GLASS on 06/22/2009 (09DG0361SE)	
Name (Printed/Typed) LINDA GOOD	Title SR. REGULATORY COMPLIANCE SPEC
Signature (Electronic Submission)	Date 06/22/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DAVID R GLASS	Title PETROLEUM ENGINEER	Date 06/23/2009
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 Roswell

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #71214 that would not fit on the form

32. Additional remarks, continued

5. MIRU PU. NDWH. NU AND TEST BOP. POH W/TUBING, PACKER, AND TAIL PIPE.
6. RIH W/GAUGE RING AND JUNK BASKET TO PBTD @ 7,552'.
7. RIH W/CIBP AND SET @ 7,340'. DUMP BAIL 35' OF CEMENT ON THE CIBP @ 7,340'. (TOP OF ABO @ 7,440'). WAIT ON CEMENT AND TAG PLUG.
8. LOAD WELL WITH PLUGGING MUD AND PRESSURE UP TO 500# AND TEST FOR LEAK-OFF.
9. PUH W/OPEN ENDED TUBING TO 4,305' AND SET A 100' CEMENT PLUG (25 SACK MINIMUM). PULL UP HOLE, WAIT 4 HOURS AND TAG PLUG. (PLUG TO COVER BETWEEN 4,305' - 7,305' SINCE ITS MORE THAN 3,000' BETWEEN PLUGS)
10. PERFORATE CASING WITH 4 SQUEEZE HOLES @ 1,650' AND SQUEEZE a 100' CEMENT PLUG INSIDE AND OUT. PULL UP HOLE, WAIT 4 HOURS AND TAG PLUG. (8-5/8" CASING SHOE @ 1,600')
11. PERFORATE THE 5-1/2" CASING WITH 4 SQUEEZE HOLES @ 493' AND SQUEEZE A 100' CEMENT PLUG INSIDE AND OUT. PULL UP HOLE, WAIT 4 HOURS AND TAG PLUG. (5-1/2" CASING SHOE @ 443')
12. PERFORATE THE 5-1/2" CASING WITH 4 SQUEEZE HOLES @ 71' AND SQUEEZE A CEMENT PLUG INSIDE AND OUT TO SURFACE. TOP OFF CASING. TOH.
13. RDMO. INSTALL DRY HOLE MARKER AND CUT OFF DEAD MAN. RESTORE LOCATION.

(CHK PN 890555)

409 128 11 100
11/07/14 10 21 11 100

Revisions to Operator-Submitted EC Data for Sundry Notice #71214

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM94083	NMNM94083
Agreement:		
Operator:	CHESAPEAKE OPERATING, INC P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 Ph: 405-935-4275	CHESAPEAKE OPERATING INC 2010 RANKIN HWY MIDLAND, TX 79701 Ph: 432.687.2992
Admin Contact:	LINDA GOOD SR. REGULATORY COMPLIANCE SPEC E-Mail: linda.good@chk.com Ph. 405-935-4275	LINDA GOOD SR. REGULATORY COMPLIANCE SPEC E-Mail: linda.good@chk.com Ph: 405-935-4275
Tech Contact:	LINDA GOOD SR. REGULATORY COMPLIANCE SPEC E-Mail: linda.good@chk.com Ph: 405-935-4275	LINDA GOOD SR. REGULATORY COMPLIANCE SPEC E-Mail: linda.good@chk.com Ph: 405-935-4275
Location: State: County	NM CHAVES	NM CHAVES
Field/Pool:	WILDCAT	OASIS-ABO
Well/Facility:	FEDERAL 34 1 Sec 34 T9S R30E SWSW 988FSL 995FWL	FEDERAL 34 1 Sec 34 T9S R30E SWSW 988FSL 995FWL



**Federal 34-1
Plug and Abandonment
Chaves County, NM**

Current Wellbore Information

TD: 7,598' PBTD: 7,552'

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	13-3/8"	61#	NA	443'	Surface
Intermediate	8-5/8"	24# & 32#	NA	1,600'	Surface
Production	5-1/2"	15.5#	J-55	7,598'	2,946'

Perfs	Top Perf	Bottom Perf	Status	SPF
Abo	7,440'	7,472'	Open	NA

OIH	Size	Location
Packer	2-3/8"	7,414

Formation Tops	Location
Top of San Andres	2,790'
Top of Glorieta	4,060'
Top of Yesso	4,150'
Top of Abo	6,510'

GL: 4,076' KB: 11' KB Height: 4,087'

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. Rack and tally 252 joints of 2-3/8" N-80 working.
4. Prepare location. Test anchors.
5. MIRU PU. NDWH. NU and test BOP. POH w/ tubing, packer, and tail pipe.
6. RIH w/ gauge ring and junk basket to PBTD @ 7,552'.
7. RIH w/ CIBP and set @ 7,340'. Dump bail 35' of cement on the CIBP @ 7,340'. (Top of Abo @ 7,440'). Wait on cement and tag plug.
8. Load well with plugging mud and pressure up to 500# and test for leak-off.
9. PUH w/ open ended tubing to 4,305' and set a 100' cement plug (25 sack minimum). Pull up hole, wait 4 hours and tag plug. (Plug to cover between 4,305' - 7,305' since its more than 3,000' between plugs)
10. Perforate casing with 4 squeeze holes @ 1,650' and squeeze a 100' cement plug inside and out. Pull up hole, wait 4 hours and tag plug. (8-5/8" Casing Shoe @ 1,600')
11. Perforate the 5-1/2" casing with 4 squeeze holes @ 493' and squeeze a 100' cement plug inside and out. Pull up hole, wait 4 hours and tag plug. (5-1/2" Casing Shoe @ 443')

12. Perforate the 5-1/2" casing with 4 squeeze holes @ 71' and squeeze a cement plug inside and out to surface. Top off casing. TOH.

13. RDMO. Install dry hole marker and cut off dead man. Restore location.

Contacts

Workover Foreman

Lynard Barrera

Office: 575-391-1462

Cell: 575-631-4942

Asset Manager

Kim Henderson

Office: 405-935-8583

Cell: 405-312-1840

Production Foreman

Steve Serna

Office: 575-391-1462

Cell: 575-390-9053

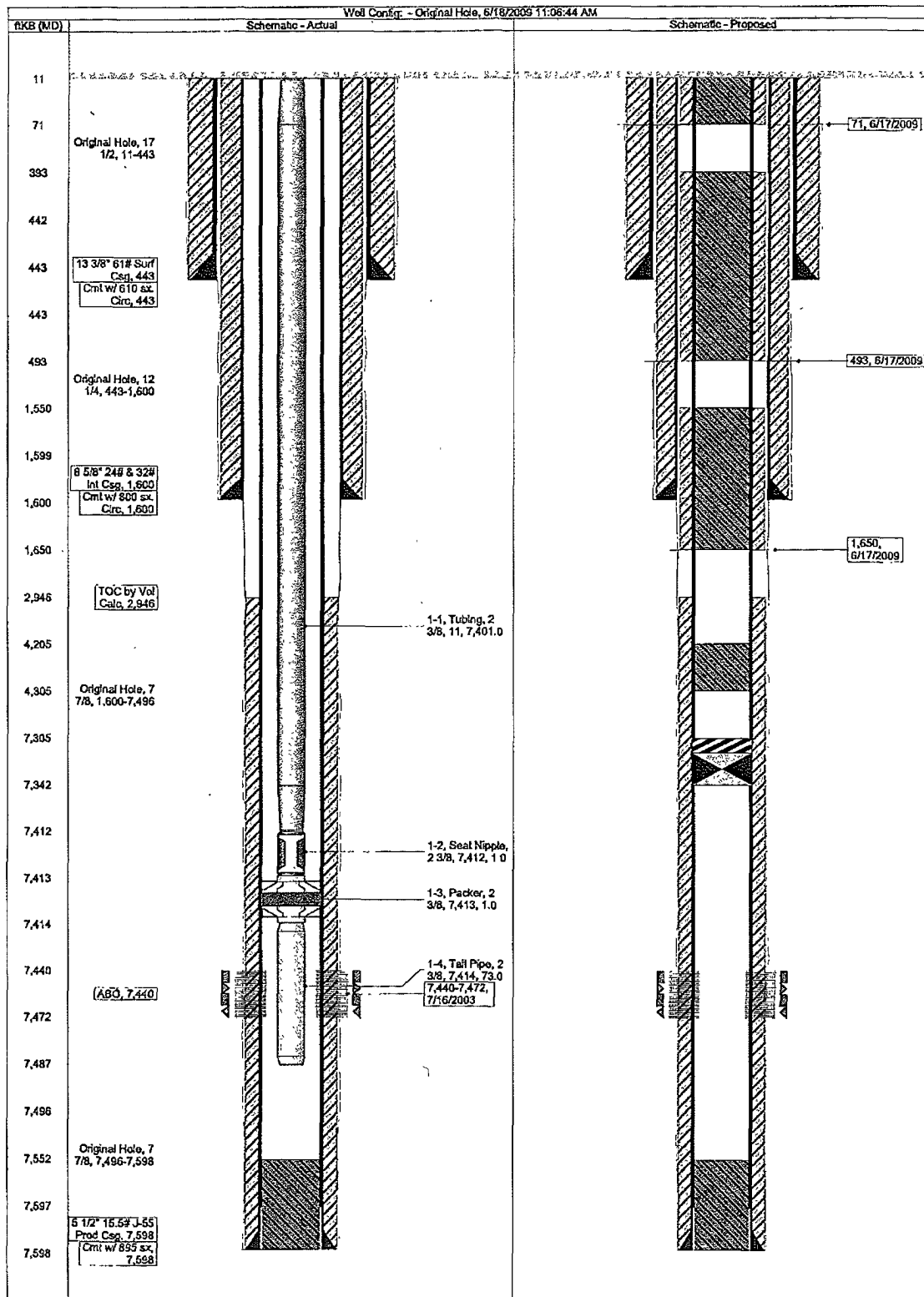


Proposal for Workover

FEDERAL 34 1

Field: WILDCAT
County: CHAVES
State: NEW MEXICO
Location: SEC 34, 9S-30E, 988 FSL & 995 FWL
Elevation: GL 4,076.00 KB 4,087.00
KB Height: 11.00

Spud Date: 11/18/1989
Initial Compl. Date:
API #: 3000521091
CHK Property #: 890555
1st Prod Date:
PBTD: Original Hole - 7552.0
TD: 7,598.0



BUREAU OF LAND MANAGEMENT

**Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201
(575) 627-0272**

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 the BLM Roswell Field Office, prior to the 90th day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours call (575) 627-0205 or after office hours call (575) 910-6024. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a 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 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 cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet 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 class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Monument: Upon abandonment of the well, 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 covered with a metal plate at least ¼ inch thick and welded in place. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter 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 the BLM Roswell Field Office. 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.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.