

N.M. Oil Cons. Div-List. 2  
1301 W. Grand Avenue  
Artesia, NM 88210  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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. NMNM10273
2. Name of Operator CHESAPEAKE OERATING INC		6. If Indian, Allottee or Tribe Name
Contact LINDA GOOD E-Mail. linda.good@chk.com		7. If Unit or CA/Agreement, Name and/or No
3a. Address P O BOX 18496 OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405-767-4275	8. Well Name and No BIKAR FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T10S R29E SWNE 1980FNL 1980FEL		9. API Well No. 30-005-60588-00-S1
JUN 04 2008 OCD-ARTESIA		10. Field and Pool, or Exploratory SAND RANCH
		11. County or Parish, and State CHAVES 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, VERBAL APPROVAL TO P&amp;A THIS WELL.

**Accepted for record  
NMOCD**

Procedure

**BLM**

1. NOTIFY THE **NMOCD** 24 HRS IN ADVANCE PRIOR TO COMMENCING PLUG AND ABANDONMENT OPERATIONS.
2. TEST ANCHORS. MIRU WORKOVER RIG, WIRELINE TRUCH AND REVERSE UNIT.
3. TIH W/2-7/8" TUBING TO 3,137' (PBD) AND CIRCULATE HOLE WITH SALT GEL MUD CONTAINING 9.5 POUND BRINE AND 12.5 LBS OF GEL PER BARREL.
4. PUH AND SPOT 25 SX PLUG WITH BOTTOM OF PLUG AT 2,950' (PLUG WILL BE ACROSS 8 5/8" CASING SHOE).

14. I hereby certify that the foregoing is true and correct	
Electronic Submission #60437 verified by the BLM Well Information System For CHESAPEAKE OERATING INC, sent to the Roswell Committed to AFMSS for processing by LINDA ASKWIG on 05/22/2008 (08LA0272SE)	
Name (Printed/Typed) LINDA GOOD	Title REGULATORY COMPLIANCE SPEC.
Signature (Electronic Submission)	Date 05/22/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>/S/ DAVID R. GLASS</b>	Title <b>PETROLEUM ENGINEER</b>	Date <b>MAY 22 2008</b>
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		

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 \*\*****SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**Additional data for EC transaction #60437 that would not fit on the form**

**32. Additional remarks, continued**

PUH AND WOC. TAG PLUG TO VERIFY. TOH.

5. RU WIRELINE UNIT. RIH AND PERFORATE 4 1/2" CASING AT 400', POH. RD WIRELINE UNIT.

6. TIH W/ 2-7/8" TUBING AND CIRCULATE CEMENT OUTSIDE 4 1/2" CASING THROUGH HOLES AT 400" TO SURFACE.

7. SPOT CEMENT PLUG FROM 400' TO SURFACE (PLUG WILL BE FROM SURFACE CASING SHOE TO SURFACE).

8. ND BOP. CUT OFF CASING 3' BELOW GROUND LEVEL. INSTALL DRY HOLE MARKER.

9. RDMO WORKOVER RIG, WIRELINE TRUCK AND REVERSE UNIT. RESTORE LOCATION.

(CHK PN 890384)

**Accepted for record  
NMOCD**



**Bikar Federal 1  
P&A Procedure  
Chaves County, New Mexico**

**Current Wellbore Information:**

<b>Location:</b>	1,980' FNL & 1,980' FEL Sec. 14-T10S-R29E
<b>GL:</b>	3,975'
<b>KB:</b>	11'
<b>KB Height:</b>	3,986'
<b>Prod. Casing:</b>	4-1/2", 0-9,800'
<b>Tubing/BHA:</b>	None – well is TA'd with a CIBP at 3,172' and 35' cmt on top
<b>PBTD/TD:</b>	3,137' / 9,800'

**Procedure**

- BLM*
1. Notify the ~~NMOC~~ *NMOC* 24 hrs in advance prior to commencing plug and abandonment operations.
  2. Test anchors. MIRU workover rig, wireline truck and reverse unit.
  3. TIH w/2-7/8" tubing to 3,137' (PBTD) and circulate hole with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.
  4. PUH and spot 25 sx plug with bottom of plug at 2,950' (plug will be across 8-5/8" casing shoe). PUH and WOC. Tag plug to verify. TOH.
  5. RU wireline unit. RIH and perforate 4-1/2" casing at 400', POH. RD wireline unit.
  6. TIH w/ 2-7/8" tubing and circulate cement outside 4-1/2" casing through holes at 400' to surface.
  7. Spot cement plug from 400' to surface (plug will be from surface casing shoe to surface).
  8. ND BOP. Cut off casing 3' below ground level. Install dry hole marker.
  9. RDMO workover rig, wireline truck and reverse unit. Restore location.

**Accepted for record  
NMOC**



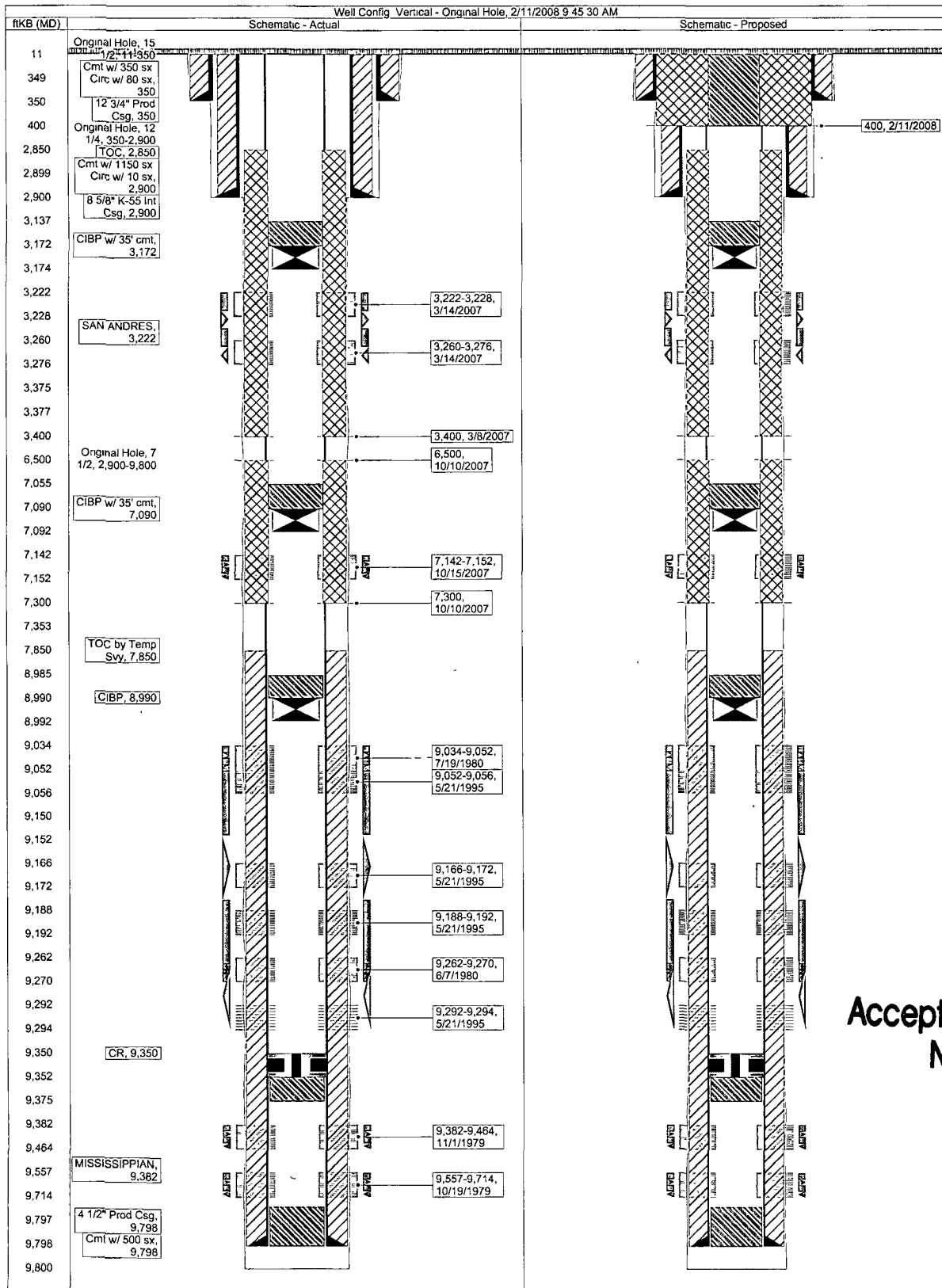
# Proposal - Workover

BIKAR FEDERAL 1

Field: SAND RANCH  
County: CHAVES  
State: NEW MEXICO  
Elevation: GL 3,975.00 KB 3,986.00  
KB Height: 11.00

Spud Date: 8/29/1979  
Initial Compl. Date:  
API #: 3000560588  
CHK Property #: 890384  
1st Prod Date: 11/26/1979  
PBTD: Original Hole - 3137.0  
TD: 9,800.0

Location: SEC 14, 10S-29E, 1980 FNL & 1980 FEL



BUREAU OF LAND MANAGEMENT  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201  
(505) 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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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 Roswell BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call (505) 627-0272.
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 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. 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 the ground and embedded in cement. 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, 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.**

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

**Accepted for record  
NMOCD**