

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-025-20605

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Kemnitz Unit

8. Well Number 4

9. OGRID Number 147179

10. Pool name or Wildcat
Kemnitz; Lower Wolfcamp

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Chesapeake Operating Inc.

3. Address of Operator 2010 Rankin Hwy
Midland, TX 79701

4. Well Location

Unit Letter A : 660 feet from the North line and 660 feet from the East line
Section 28 Township 16S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4089 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

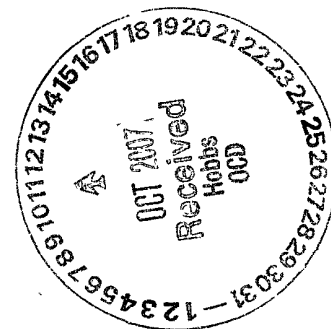
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake, respectfully, request permission to P&A this well per the attached procedure.



THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Shay Stricklin

TITLE Regulatory Tech.

DATE 10/10/2007

Type or print name Shay Stricklin

E-mail address: sstricklin@chkenergy.com

Telephone No. (432)687-2992

For State Use Only

APPROVED BY:

Hayden Wink

TITLE

DATE

Conditions of Approval (if any):

OCD FIELD REPRESENTATIVE / STAFF MANAGER

OCT 15 2007



**Kemnitz Unit 4
Plug and Abandonment
Lea County, NM**

Plug and Abandonment Procedure

1. Notify the NMOCD 24 hrs in advance prior to commencing plug and abandonment operations.

Current Wellbore Information

Surface Casing (10-3/4", 32.75#, set at 426') TOC Surface,
Intermediate Casing (7-5/8", 24# H-40 (0'-3,264') & 26.4# J-55 (3,264'-4,530')) TOC,
Production Casing (4-1/2", 13.5# N-80 (0'-802') & 11.6# N-80 (802'-10,028') & 13.5# N-80 (10,028'-10,800')) TOC
Production Tubing (2-3/8", 4.7# N-80 cut off at unknown depth) Packer set at 10,472'
GL: 4,089' **KB:** 4101 **KB Height:**

2. Test Anchors
3. Rack 360 joints of 2-3/8" N-80 workstring.
4. MIRU pulling unit, wireline truck and reverse unit. ND wellhead. NU BOP.
5. TIH w/ 2-3/8" tubing and 3 3/4" drill bit and scraper. Tag 2-3/8" tubing @ unknown depth. TOOH.
6. TIH w/ 3-1/4" overshot. Wash over 2-3/8" tubing. Attempt to unseat packer and retrieve tbg.

If Fishing job successful

7. RIH w/ CIBP and set @ 10,660'. Bail 2-3 sx on top of plug. Test csg to 500#. Circulate 4-1/2" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.
8. PUH to 7,660'. Spot 25 sx cmt inside csg.
9. Perforate 4-1/2" csg at 4,480' (50' below 7-5/8" csg shoe) and then squeeze with cement to have 50' outside csg. Spot an additional 50' cmt inside csg. Estimated TOC @ 4,430' – tag plug to verify.
10. PUH to 2,750' (Salt base). Spot 25 sx cmt inside csg.
11. Perforate 4-1/2" csg at 1,663' (25' below Salt) and then squeeze with cement to have 50' outside csg. Spot an additional 50' cement inside csg. Estimated TOC @ 1,613' – tag plug to verify.
12. Perforate 4-1/2" csg at 476' (50' below 10-3/4" csg shoe) and then squeeze with cement to have 50' outside csg. Fill remainder of 4-1/2" csg w/ cmt.
13. ND BOP. Cut off 4-1/2", 7-5/8", and 10-3/4" casings 3' below ground level.
14. Weld on an ID plate. RD and release Well Service Unit. Restore location.

If Fishing job unsuccessful

7. RIH w/ GR and CCL. Freepoint tbg. POOH w/ wireline.
8. RIH w/ chemical cutter. Cut tbg above freepoint. POOH w/ wireline.
9. Pull tbg out of hole w/ fish.
10. RIH w/ cmt retainer and set @ +/- 25' above cut tbg. Squeeze cmt per NMOCD requirements. Bail 35' cmt on top of cmt retainer. Circulate 4-1/2" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.

11. PUH 3,000' above CIBP. Spot 25 sx cmt inside csg.
12. Perforate 4-1/2" csg at 4,480' (50' below 7-5/8" csg shoe) and then squeeze with cement to have 50' outside csg. Spot an additional 50' cmt inside csg. Estimated TOC @ 4,430' – tag plug to verify.
13. PUH to 2,750' (Salt base). Spot 25 sx cmt inside csg.
14. Perforate 4-1/2" csg at 1,663' (25' below Salt) and then squeeze with cement to have 50' outside csg. Spot an additional 50' cement inside csg. Estimated TOC @ 1,613' – tag plug to verify.
15. Perforate 4-1/2" csg at 476' (50' below 10-3/4" csg shoe) and then squeeze with cement to have 50' outside csg. Fill remainder of 4-1/2" csg w/ cmt.
16. ND BOP. Cut off 4-1/2", 7-5/8", and 10-3/4" casings 3' below ground level.
17. Weld on an ID plate. RD and release Well Service Unit. Restore location.

Contacts

Workover Foreman

Lynard Barrera
Office: 505-391-1462
Cell: 505-631-4942

Production Foreman

Steve Serna
Office: 505-391-1462
Cell: 505-390-9053

Asset Manager

Charlie Robinson
Office: 405-879-8522
Cell: 405-213-5343

Field Engineer

Doug Rubick
Office: 505-391-1462
Cell: 505-441-7326