

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.	30-025-20603 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Kemnitz State Lower Wolfcamp East Unit	
8. Well Number	6 ✓
9. OGRID Number	147179
10. Pool name or Wildcat Kemnitz, Wolfcamp Lower	

**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 M : 660 feet from the SOUTH line and 660 feet from the WEST line  
Section 22 Township 16S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4090 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: ☐

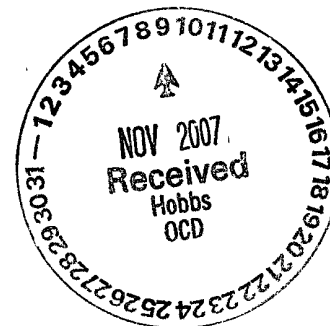
SUBSEQUENT REPORT OF:

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 Plug 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 NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shay Stricklin TITLE Regulatory Tech. DATE 11/06/2007

Type or print name Shay Stricklin E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992  
For State Use Only

APPROVED BY: Shay W. Wink TITLE OCD FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 21 2007  
Conditions of Approval (if any) \_\_\_\_\_



**Kemnitz Unit 6  
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", set at 415') TOC Surface,

**Intermediate Casing** (7-5/8", 24# H-40 (0'-1,249') & 26.6# J-55 (1,249'-4,530') TOC Surface,

**Production Casing** (4-1/2", 10.5# (0'-4,998') & 11.6# N-80 (4,998'-10,060') & 13.5# N-80 (10,060'-10,857')) TOC 2,400'(Calc)

**GL:** 4,090' **KB:** 12' **KB Height:** 4,102'

2. Test anchors
3. Rack 355 joints of 2-3/8" N-80 workstring.
4. MIRU pulling unit. ND wellhead. NU BOP.
5. TIH w/ 2-3/8" tubing. Tag up @ new PBTD Approximately @ 10,600'. Circulate 4-1/2" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.
6. PUH to 7,600'. Spot 25 sx cmt inside csg.
7. PUH to 4,580. Spot 25 sx cmt inside csg. Tag plug.
8. PUH to 2,670'. Spot 25 sx cmt inside csg.
9. Perforate 4-1/2" csg at 1,710' (25' below Salt) and then squeeze with cement to have 50' outside csg. Spot an additional 50' cement inside csg. Estimated TOC @1,660' – tag plug to verify.
10. Perforate 4-1/2" csg at 465' (50' below 10-3/4" csg shoe) and then squeeze with cement to have 100' outside csg. Spot cmt inside csg to surface.
11. ND BOP. Cut off 4-1/2", 7-5/8", and 10-3/4" casings 3' below ground level.
12. 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



# Current Wellbore Schematic

KEMNITZ UNIT 6

Field: HUME QUEEN  
County: LEA  
State: NEW MEXICO  
Elevation: GL 4,090.00 KB 4,102.00  
KB Height: 12.00  
Location: SEC 22, 16S-34E, 660 FSL & 660 FWL

Spud Date: 2/15/1964  
Initial Compl. Date:  
API #: 3002520603  
CHK Property #: 891023  
1st Prod Date:  
PBTD: Original Hole - 10846.0  
TD: 10,860.0

