

Submit 3 Copies To Appropriate District
Office
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO.	30-025-28506 ✓
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	Mesa State ✓
8. Well Number	1 ✓
9. OGRID Number	147179 ✓
10. Pool name or Wildcat	North Shoebar; 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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator	Chesapeake Operating Inc. ✓
3. Address of Operator	2010 Rankin Hwy Midland, TX 79701
4. Well Location	Unit Letter <u>J</u> : <u>1830</u> / <u>1930</u> feet from the <u>South</u> line and <u>1980</u> / <u>1880</u> feet from the <u>East</u> line Section <u>14</u> Township <u>16S</u> Range <u>35E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3973 GR
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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

RECEIVED
AUG 18 2008
HOBBS OCD

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 Compliance Tech. DATE 08/15/2008

Type or print name Shay Stricklin

E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992

For State Use Only

APPROVED BY: Chris Williams TITLE OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE AUG 19 2008

Conditions of Approval (if any):

**Mesa State 1
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 (13-3/8", 54# set at 507') TOC Surface,
Intermediate Casing (8-5/8", 24# & 32# set @ 4,400') TOC Surface,
Production Casing (5-1/2", 17# Set @ 10,600') TOC 8,781' Calc
Production Tubing (2-3/8" set @ 10,438')
GL: 3,973' **KB:** 12' **KB Height:** 3985' **TD:** 10,600'

2. Test anchors
3. Rack and talley 335 joints of N-80 2-7/8" tbg.
4. MIRU pulling unit. ND wellhead. NU BOP. TOOH w/ tbg.
5. TIH and set CIBP @ 10,384' w/ 25 sx cmt.
6. Fill 5-1/2" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.
7. Perf 5-1/2" csg w/ 4 sqz holes at 7,500' and then squeeze with adequate cement to fill from 7,325'-7,500'. WOC and tag plug to verify. (175' plug)
8. Perf 5-1/2" csg w/ 4 sqz holes at 4,450' (50' below 8-5/8" csg shoe) and then squeeze with adequate cement to fill from 4,300'-4,450' (csg shoe) WOC and tag plug to verify. (150' plug)
- 8a. *Perf & squeeze @ 1850' and squeeze 50' in & 50' out. Top of SALT PLUG. TAG*
9. Perf 5-1/2" csg w/ 4 sqz holes at 557' (50' below 13 3/8" csg shoe) and then squeeze with adequate cement to fill from 457'-557' (csg shoe) WOC and tag plug to verify. (100' plug)
10. Perf 5-1/2" csg w/ 4 sqz holes @ 72'. Circ cmt inside and out to surface.
11. ND BOP. Cut off 5-1/2", 8-5/8" and 13-3/8" casings 3' below ground level.
12. Weld on an ID plate. RD and release Well Service Unit. Restore location.

Note – All plugs are 100' plus 10% per 1000' of depth.

Contacts

Workover Foreman
Lynard Barrera
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Production Foreman
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Asset Manager
Kim Henderson
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Cell: 405-312-1840

Field Engineer
Doug Rubick
Office: 575-391-1462
Cell: 575-441-7326