

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.	30-015-34536
5. Indicate Type of Lease	Fed <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Clark 7 Federal
8. Well Number	1
9. OGRID Number	147179
10. Pool name or Wildcat	Undesignated; Indian Draw; Delaware

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 P.O. Box 11050
Midland, TX 79702-8050

4. Well Location
Unit Letter 6 : 2310 feet from the North line and 1000 feet from the West line
Section 7 Township 22S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3110 GR

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well 0 Distance from nearest surface water 0

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: Close Drilling Pit ☒

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 close the drilling pit for this well. As per OCD rule 50 we will dig the hole to encapsule mud using 20 mil plastic in pit and 20 mil on top. We will then top with 3' of clean dirt off of site.

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 Assistant DATE 06/19/2006

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

For State Use Only

APPROVED BY: Gerry Guye TITLE Deputy Field Inspector DATE JUN 28 2006
Conditions of Approval (if any): District II - Artesia



PHONE (505) 397-6388 • FAX (505) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

June 19, 2006

Van Barton
New Mexico Oil Conservation Division
1301 W. Grand Ave.
Artesia, NM 88210

RE: Chesapeake Operating, Inc. – Deep Burial Closure Request
Clark 7 Federal Well #1
API No.: 30-015-34536
Section 7, T22S, R28E
Chaves County, NM

Dear Mr. Barton:

On behalf of Chesapeake Operating, Inc. (Chesapeake), BBC International, Inc. (BBC) respectfully requests to utilize a deep burial trench lined with 20 mil plastic, a 20 mil plastic cap, and three (3) feet of top soil for the closure of the reserve pits located at the above referenced well site.

A previous C-103 that was issued on 11/8/05 was denied on 11/8/05 by the NMOCD due to this well potentially being in a water sensitive area. Per our discussion on the potential of drilling a soil boring to positively determine the depth to groundwater at this location, Chesapeake made the decision to install a soil boring to determine the depth of groundwater. The soil boring was drilled on 5/10/06 to a depth of seventy-five (75) feet below ground surface adjacent to the reserve pits on location. The boring was set with slotted pipe with fifteen (15) feet of screen as a temporary monitoring well. After 24 hours had elapsed, on the morning of 5/11/06, the well was gauged using a Solonist Water Level gauging instrument to determine the settled depth of groundwater. The depth to groundwater was gauged to be sixty-one (61) feet below ground surface. The temporary well was then abandoned by removing the pipe and plugging the hole with bentonite grout and cement according to NMOCD standards. A copy of the well record and drill log that has been submitted to the NM Office of the State Engineer is attached.

Bearing in mind that the depth to groundwater is sixty-one (61) feet, Chesapeake requests to deep bury the reserve pit contents utilizing a shallower and wider deep burial trench of only ten (10) feet below ground surface that will be lined with 20 mil plastic and capped with 20 mil plastic then covered with three (3) feet of top soil. This method will allow the bottom of the deep burial trench to still be fifty-one (51) feet above the groundwater at the site.

I believe this meets the requirement that you and I discussed in your office recently.

Therefore, utilizing this information, Chesapeake submits this C-103 for approval utilizing deep burial as the method for closure. Thank you for your consideration.

Sincerely,

Cliff P. Brunson, CEI, CRS
President

CPB: jg

Attachments

cc: Brad Blevins-Chesapeake-Hobbs, NM
Shay Stricklin-Chesapeake-Midland, TX

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL

Name: Chesapeake Operating, Inc. Work Phone: _____
Contact: _____ Home Phone: _____
Address: P.O. Box 11050
City: Midland State: TX zip: 79702-8050

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)

A. 1/4 1/4 1/4 Section: 7 Township: 22S Range: 28E N.M.P.M.
in Eddy County.
B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
Zone in the _____ Grant.
U.S.G.S. Quad Map _____
C. Latitude: 32 d 24 m 28.4 s Longitude: 104 d 07 m 51.8 s
D. East _____ (m), North _____ (m), UTM Zone 13, NAD _____ (27 or 83)
E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey
F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
_____ Subdivision recorded in _____ County.
G. Other: _____
H. Give State Engineer File Number if existing well: _____
I. On land owned by (required): Chesapeake Operating, Inc. -- (Clark 7 Federal Well #1)

3. DRILLING CONTRACTOR

License Number: WD-1456
Name: White Drilling Company, Inc. Work Phone: 325-893-2950
Agent: John W. White Home Phone: 325-893-2950
Mailing Address: P.O. Box 908
City: Clyde State: TX zip: 79510

4. DRILLING RECORD #1

Drilling began: 5/10/06; Completed: 5/11/06; Type tools: Air Rotary;
Size of hole: 6 1/8 in.; Total depth of well: 75.0 ft.;
Completed well is: shallow (shallow, artesian);
Depth to water upon completion of well: 61.0 ft.

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File Number: _____

**NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD**

5. PRINCIPAL WATER-BEARING STRATA #1

Depth in Feet		Thickness	Description of water-bearing formation	Estimated Yield (GPM)
From	To	in feet		
61.0	65.0	5.0	Dark brown sandy clay	

6. RECORD OF CASING

Diameter (inches)	Pounds per ft.	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
2.0	Sch. 40	4.0	Top	Bottom	63.0		From	To
2.0	Sch. 40	4.0	63.0	73.0	10.0		63.0	73.0

7. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole	Sacks	Cubic Feet	Method of Placement
From	To	Diameter	of mud	of Cement	
73.0	10.0	6 1/8	21.0		Bentonite Pellets
10.0	0.0	6 1/8	7.0	2.278	Cement - Hand Mix

8. PLUGGING RECORD

Plugging Contractor: White Drilling Company, Inc.

Address: P.O. Box 906, Clyde, TX 79510

Plugging Method: _____

Date Well Plugged: 5/10/06

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			
5			

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NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE #1

[illegible]

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