

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, 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-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>CHESAPEAKE OPERATING, INC.</u> Telephone: <u>432-687-2992</u> e-mail address: <u>BCOFFMAN@CHKENERGY.COM</u>		
Address: <u>P. O. BOX 11050 MIDLAND, TEXAS 79702-8050</u>		
Facility or well name: <u>BURRUS 23 WELL #4</u>	API #: <u>30-025-37171</u>	U/L or Qtr/Qtr <u>E</u> Sec <u>23</u> T <u>12S</u> R <u>38E</u>
County: <u>LEA</u>	Latitude _____	Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" type="checkbox"/>		
<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>12,139</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>42'</u>	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) 20 (10 points) ( 0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) ( 0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) ( 0 points) 0
<b>Ranking Score (Total Points)</b>		<b>20</b>

**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility SUNDANCE SERVICES. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:
PIT CONTENTS WERE EXCAVATED AND TRANSPORTED TO SUNDANCE SERVICES' NMOCD-APPROVED DISPOSAL FACILITY NEAR EUNICE, NM. THE PIT WAS THEN BACKFILLED WITH CLEAN SOIL, COMPACTED, AND LEVELLED TO GRADE. THE PIT CLOSURE WAS STARTED ON DECEMBER 14, 2005 AND COMPLETED ON JANUARY 14, 2006. CONFIRMATION SAMPLES WERE TAKEN FROM THE EXCAVATED PIT PRIOR TO BACKFILLING AND ARE ATTACHED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date: <u>1/25/06</u>	
Printed Name/Title <u>CLIFF BRUNSON, PRESIDENT, BBC INTL.</u>	Signature <u>Cliff P. Brunson</u> FOR CHESAPEAKE OPERATING, INC.
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or	
Approval: Printed Name/Title <u>GARY W. WINK / STAFF MGR.</u>	Signature <u>Gary W. Wink</u> Date: <u>JAN 26 2006</u>



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
BBC INTERNATIONAL, INC.  
ATTN: CLIFF BRUNSON  
P.O. BOX 805  
HOBBS, NM 88241  
FAX TO: (505) 397-0397

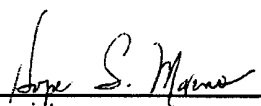
Receiving Date: 01/05/06  
Reporting Date: 01/06/06  
Project Number: NOT GIVEN  
Project Name: BURRIS 23 WELL #4  
Project Location: BRONCO, TX

Analysis Date: 01/06/06  
Sampling Date: 01/04/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl <sup>-</sup> (mg/Kg)
H10567-1	NORTH COMP.	16
H10567-2	SOUTH COMP.	16
Quality Control		490
True Value QC		500
% Recovery		98
Relative Percent Difference		2.0

METHOD: Standard Methods	4500-Cl <sup>-</sup> B
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NOTE: Analyses performed on 1:4 w:v aqueous extracts.

  
Chemist

01-06-06  
Date



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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T Cardinal cannot accept verbal changes. Please fax written changes to 605-393-2476.