

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

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

Form C-144  
March 12, 2004

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 **Marbob Energy Corporation**

Telephone **505-748-3303**

e-mail address: **land2@marbob.com**

Address **Po Box 227, Artesia, NM 88211-0227**

**1980' FSL & 1980' FEL**

Facility or well name **Cirrus Federal #1**

API # **30-025-38420**

U/L or Qtr/Qtr **NW/4SE/4** Sec **8 T 19S R 32E**

County **Lea**

Latitude \_\_\_\_\_

Longitude \_\_\_\_\_

NAD: 1927 ☐ 1983 ☐

Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

<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 <b>12</b> mil Clay <input type="checkbox"/> Volume _____ 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)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <b>100 feet or more</b> (0 points) <b>0 points</b>
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) <b>No</b> (0 points) <b>0 points</b>
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) <b>1000 feet or more</b> (0 points) <b>0 points</b>
<b>Ranking Score (Total Points)</b> <b>0 points</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 onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_ (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

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

Date **August 30, 2007**

Printed Name/title: **Gerald Herrera**

Signature *G. Herrera*

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 groundwater 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 regulations.

Approval

Date **9/4/07**

Printed Name/Title \_\_\_\_\_

Signature *[Signature]* **ENVIRONMENTAL ENGINEER**

**RECEIVED**

**JAN - 9 2008**

**HOBBS OCD**

\* Sampling Completed with results Attached  
Frank Funk 1/2/08

Marbob Energy Corporation  
Attachment to OCD Form C-144

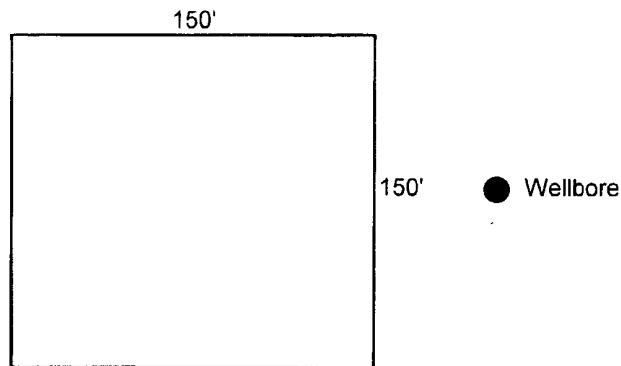
Pit or Below-Grade Tank Registration or Closure

Pit Closure

**Cirrus Federal Com #1**

1980' FSL & 1980' FEL  
Section 8 T-19S R-32E  
Lea County, New Mexico

(1) Facility diagram



(2) Disposal location:

*Fluids will be disposed at an approved disposal facility.*

(3) General description of remedial action:

- a. *Mix contents of pit (with material from location for pad reduction) to stiffen.*
- b. *Push to one end of pit, use other end for possibly two capsulation pits.*
- c. *Line pits with 12 mil plastic.*
- d. *Transfer contents into lined pits.*
- e. *Cap with 20 mil liner*
- e. *Cover with 3' of cover dirt.*
- f. *Re-seed to BLM requirements.*

(4) Groundwater encountered:

*No*

(5) Soil sample:

*N/A*



# ARDINAL LABORATORIES

PHONE (575) 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: (575) 397-0397

Receiving Date: 12/10/07  
Reporting Date: 12/10/07  
Project Owner: MARBOB  
Project Name: CIRRUS  
Project Location: LOCO HILLS, NM

Analysis Date: 12/10/07  
Sampling Date: 12/07/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: AB  
Analyzed By: KS

LAB NUMBER	SAMPLE ID	Cl <sup>-</sup> (mg/kg)
H13881-1	PIT BOTTOM	< 16
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods 4500-Cl<sup>-</sup>B

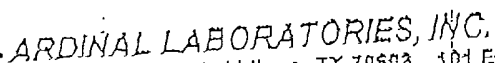
Note: Analysis performed on a 1:4 w:v aqueous extract.

*Kristin Sposito*  
Chemist

12/10/07  
Date

H13881 BBC

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



CARDINAL LABORATORIES, INC.  
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 FILE 7

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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↑ Cardinal cannot accept verbal changes. Please fax written changes to 505-993-2476.