

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

NOV 13 2007 Form C-144
March 12, 2004

OCD-ARTESIA

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 ☐

SEP 04 2007
OCD-ARTESIA

Operator **Marbob Energy Corporation**
Address **PO Box 227, Artesia, NM 88211-0227**

Telephone **805-748-3303**

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

1650' FSL & 990' FEL

Facility or well name **Dodd Federal Unit #112**

API # **30-015-35458** U/L or Qtr/Qtr **NESE** Sec **15** T **17S** R **29E**

County **Eddy** Latitude _____ Longitude _____ NAD 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type Synthetic ☒ Thickness 12 mil Clay ☐ Volume _____ bbl	Below-grade tank Volume _____ bbl Type of fluid _____ Construction material _____ Double-walled, with leak detection? Yes ☐ 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 50 feet or more, but less than 100 feet ☒ 100 feet or more	(20 points) (10 points) 10PTS (0 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 points
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 points
Ranking Score (Total Points)		10 points

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 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 regulations

Approved **SEP 5 2007**

Date _____

Printed Name/Title _____

Gerry Guye
Compliance Officer

Signature *Gerry Guye*

**See Attached
Stipulations**

(Accepted for record)

NMOCD

* Sampling has been completed w/ results and notes attached. Will be closed by 11/21/07. Rand Hunt (11/13/07) Final Closure

**Stipulations for Registration
Of Pit**

As a condition of approval, if during pit construction water is encountered or if water seeps into pits after construction the OCD MUST BE CONTACTED IMMEDIATELY.

If pit is located in an agricultural area, on closure the pit contents must be hauled to an NMOCD approved site.

As a condition of approval a pit closure plan must be approved prior to the commencement of closure operations.

Data on file in OCD indicates this area may be water sensitive.



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

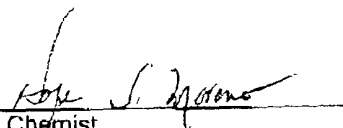
Receiving Date: 11/02/07
Reporting Date: 11/02/07
Project Owner: MARBOB
Project Name: DODD FEDERAL 112
Project Location: LOCO HILLS, NM

Analysis Date: 11/02/07
Sampling Date: 10/29/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H13632-1	PIT BOTTOM	256
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods 4500-Cl⁻B

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


Chemist

11-02-07
Date

H13632 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.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

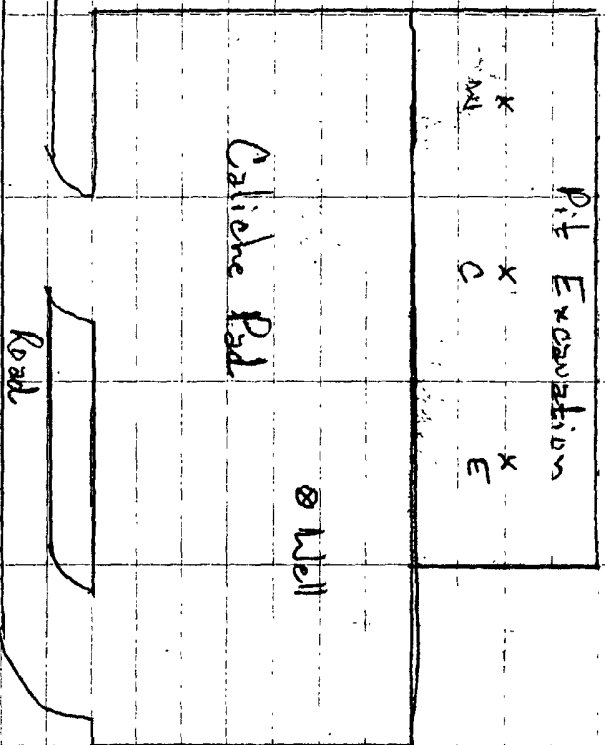
[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478.

Marbosh Energy / Dodd Federal #112

10/29/07

Field Chloride Screens on Pit Bottom



Three samples were collected from the bottom of three sample trenches placed at L, C + E points. All samples were collected at 15' bgs (below ground surface).

L	15' bgs	200 ppm Cl ⁻ (parts per million Chloride)
		Red-brown fine sandy clay, ~50+ % clay
C	15' bgs	200 ppm
		Red-brown fine sandy clay, ~50% clay
E	15' bgs	200 ppm
		Red-brown fine sandy clay, ~50% clay

Collected samples from the floor of the pit at 10' bgs to determine where to cease excavating. The L sample was collected at 12' bgs to avoid including nearby piled soil already excavated from the pit.

Field Chloride Screens (Continued)

W 12' bgs 8,000 ppm Cl^-
Red sandy clay, ~25% clay, <5% caliche rock

C 10' bgs 400 ppm Cl^-
Red sandy clay, ~30% clay

E 10' bgs 200 ppm Cl^-
Red sandy clay, ~30% clay

Collected another sample at the W sample point at 14' bgs.

W 14' bgs 400 ppm Cl^-
Red sandy clay, ~35% clay, ~5% caliche rock

Will submit composite sample to lab.