

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**

330' FNL & 430' FEL

Facility or well name **Spruce Goose Federal No. 1**

API # **30-025-38445**

U/L or Qtr/Qtr **A** Sec **7** T **19S** R **32E**

County **Lea**

Latitude

Longitude

NAD 1927 ☐ 1983 ☐

Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
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 12 mil Clay <input type="checkbox"/> Volume _____ bbl	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) 100 feet or more (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 (20 points) No (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 (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) 0 points
Ranking Score (Total Points) 0 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 **November 1, 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.

Approval

Date **11-8-07**

Printed Name/Title

Signature

Johnson
ENVIRONMENTAL ENGINEER

DEC 14 2007
OCD-ARTESIA

* Sampling has been completed according to Pit closure Plan with analysis attached.
General Herrera 12/14/07

Marbob Energy Corporation
Attachment to OCD Form C-144

Pit or Below-Grade Tank Registration or Closure

Pit Closure

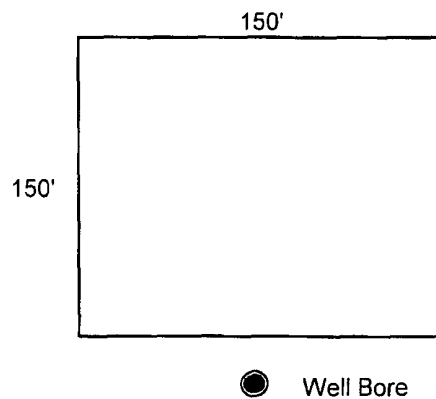
Spruce Goose Federal #1

330' FNL & 430' FEL

Section 7 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:

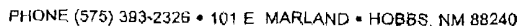
- a. Mix contents of pit (with material from location for pad reduction) to stiffen.*
- b. Push to one end of pit, use other end for possibly two capsulation pits.*
- c. Line pits with 12 mil plastic.*
- d. Transfer contents into lined pits.*
- e. Cap with 20 mil liner*
- e. Cover with 3' of cover dirt.*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

(4) Groundwater encountered:

No

(5) Soil sample:

Samples will be obtained from pit area and analysis submitted to NMOCD prior to backfilling.
Notify NMOCD 24 hours prior to obtaining samples.



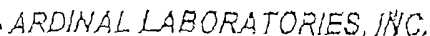
Analysis Date: 12/07/07
Sampling Date: 12/06/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: KS

METHOD: Standard Methods 4500-CIB

Kristin S. Smith
Chemist

12/07/07
Date

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

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:			
Address: 1324 W. Marland		Attn:			
City: Hobbs State: NM Zip: 88240		Address: SAME			
Phone #: 505-397-6388 Fax #: 505-397-0397		City:			
Project #: _____ Project Owner: Marbob		State: _____ Zip: _____			
Project Name: Spruce Goose Fed #1		Phone #: _____			
Project Location: Loco Hills, NM		Fax #: _____			
Sampler Name: Amy Ruth					

FOR LAB USE ONLY		GRAB OR COMB.	# CONTAINERS	MATRIX							PRESERV.		SAMPLING		
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/DRAINAGE	ICE / COOL	OTHER:	DATE	TIME	
H13870-1	Pit Bottom	C1			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		12/6/07	1600	<input checked="" type="checkbox"/>	

Chloride

PLEASE NOTE: Liability and Damages. Cardinal's liability for third party damages resulting from any data arising from this report shall be limited to the amount paid by the client for the analysis. No other liability shall be assumed and any other claim whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable analysis. Where there may be a conflict in law for the purpose of this agreement, the law of the state of New Mexico shall apply. In the event of a conflict, the law of the state of New Mexico shall apply. Cardinal's liability for third party damages shall be limited to the amount paid by the client for the analysis. Cardinal's liability for third party damages shall be limited to the amount paid by the client for the analysis.

Sampler Relinquished:		Date:	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
		Time:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By: (Lab Staff)	REMARKS:	
		Time:			
Delivered By: (Circle One)		12/7/07	A-B		
Sampler - UPS - Bus - Other:			Sample Condition:		
			Cool Intact		
			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			CHECKED BY:		
			(Initials)		
			AB215C		

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-293-2476.