

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: **Bepco LP**

Telephone: 432-683-2277

e-mail address: **machilders@basspet.com**

Address: PO Box 2760, Midland, TX 79702

Facility or well name: Big Eddy Unit #164

API #: 30-015-35592

U/L or Qtr/Qtr NWSE Sec 27 T 27S R 29E

County: Lea

Latitude: 32.447667 N

Longitude: 104.96925 W NAD: 1927 ☒ 1983 ☐

Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness: 20mil Clay ☐

Pit Volume: 12,500 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.) 150'

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more - X

(0 points) 0

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 - X

(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

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more - X

(0 points) 0

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 (check the onsite box if you are burying in place) 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.

Closed by trench burial, procedure attached and verbal approval to close by Mike Bratcher received on 6-20-2008

All material with chloride levels above 250 mg/Kg were removed and placed in 20 mil lined burial trench located next to the reserve pit, on east side of reserve pit

Trench was capped with 20 mil. liner on all sides and covered with 3' of native soil

Lab and field samples results 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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 6-28-2008

Printed Name/Title: Gary Miller- Agent

Signature _____

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:

Printed Name/Title _____

Signature _____

Accepted for record
NMOCD

JUL 03 2008

Final Closure

Dug out NE & SW corners to 25' and backfill per Mike Bratner OGD 6/20/08

Highlander Environmental Corp. Pit Closure Sampling Report

Job Number: 3541 Date: 6-17-08
 Client: BTH (Bepco, L.P.)
 Well Name: Big Eddy Unit #164 Eddy Co. NM
 API#: Lease # MNL C069144A 30-015-35592
 Depth of Pit: 6'
 Depth to Groundwater: _____

Orientation of pit N S E W

All pit sample depths are below pit bottom (BPB)

Sample Location	Depth (BPB)	Field Chloride Results (mg/Kg)	Lab Chloride Results (mg/Kg)
N/G	2'	10,100	
	5'	11,850	
	10'	4,750	
	15'	4,500	
	20'	400	
	25'	100	541
NW	2'	<100	<100
SE	2'	<100	<213
SW	2'	11,200	
	5'	9,500	
	10'	1,900	
	15'	5,950	
	20'	1,000	
	25'	200	263
Center	2'	150	<100

DNR- Did not run at lab.
 BGS- Below Ground Surface
 BPB- Below Pit Bottom

Report Date: June 26, 2008
3541

Work Order: 8062015
Big Eddy Unit #164

Page Number: 1 of 2
Eddy Co., NM

Summary Report

Gary Miller
Highlander Environmental Services
1910 N Big Spring Street
Midland, TX, 79705

Report Date: June 26, 2008

Work Order: 8062015



Project Location: Eddy Co., NM
Project Name: Big Eddy Unit #164
Project Number: 3541

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
164146	NE 25'	soil	2008-06-17	00:00	2008-06-20
164147	NW 2'	soil	2008-06-17	00:00	2008-06-20
164148	SE 2'	soil	2008-06-17	00:00	2008-06-20
164149	SW 25'	soil	2008-06-17	00:00	2008-06-20
164150	C 150'	soil	2008-06-17	00:00	2008-06-20

Sample: 164146 - NE 25'

Param	Flag	Result	Units	RL
Chloride		541	mg/Kg	2.00

Sample: 164147 - NW 2'

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 164148 - SE 2'

Param	Flag	Result	Units	RL
Chloride		218	mg/Kg	2.00

Sample: 164149 - SW 25'

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: June 26, 2008
3541

Work Order: 8062015
Big Eddy Unit #164

Page Number: 2 of 2
Eddy Co., NM

Param	Flag	Result	Units	RL
Chloride		263	mg/Kg	2.00

Sample: 164150 - C 150'

Param	Flag	Result	Units	RL
Chloride		<100	ug/Kg	2.00

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

DEC 14 2007

OCD-ARTESIA

Operator <u>BEPCO L P</u> Telephone <u>(432) 683-2277</u> e-mail address <u>machilders@basspet.com</u>		
Address: <u>P O BOX 2760 MIDLAND TX 79702</u>		
Facility or well name <u>Big Eddy Unit # 164</u>	API #. <u>30-015-35592</u>	U/L or Qtr/Qtr <u>NWSE</u> Sec <u>27</u> T <u>21S</u> R <u>29E</u>
County <u>Eddy</u>	Latitude <u>N 32 447667</u>	Longitude <u>W 104 96925</u> NAD 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit 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>20</u> mil Clay <input type="checkbox"/> Pit Volume <u>12,500</u> bbl	Below-grade tank 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 50 feet or more, but less than 100 feet <u>100 feet or more</u>	(20 points) (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 <u>No</u>	(20 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 <u>1000 feet or more</u>	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		0

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 _____. (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: Upon approval, NMOCD will be notified prior to remediation. Plan to bury drilling pit contents on location. Excavate a trench adjacent to drilling pit. Trench will be lined with 20 mil plastic liner. The contents of the drilling pit will be put into the trench. Analysis of the soil below previous drilling pit liner will be performed and sundry report filed. The lined trench with contents will be covered with 20 mil plastic and 3' of clean soil. Back fill, contour and reseed drilling pit.
<i>TRENCH Bury</i>

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: 12-12-2007

Printed Name/Title: Annette Childers - Administrative Assistant

Signature: *Annette Childers*

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:

Printed Name/Title: _____

Signature: _____

Signed By: *Mike Burrows*

DEC 17 2007

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.