

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
FINAL

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 ☒

RECEIVED

Operator COG Operating, LLC Telephone (432) 685-4340 e-mail address. PEduw@conchoresources.com
Address 550 West Texas Ave., Suite 1300, Midland, Texas 79701
Facility or well name Edward State #4 API #. 30-025-38730 UL or Qtr/Qtr K Sec 16
County Lea Latitude 32 831389 N Longitude 103 772080 W
Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

HOBBS OCD
NAD 1927 X 1983 ☐

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 12 mil Clay <input type="checkbox"/> Pit Volume 5,000 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) 110'	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 0 100 feet or more (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
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
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:

Closed by trench burial, procedure attached, on 6-30,2008, on verbal approval by Larry Johnson

Lab and field sample results are attached

All material above 250 mg/Kg chlorides as removed from pit, placed in lined burial trench and capped and backfilled

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

Date 6-30-08

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

ENVIRONMENTAL ENGINEER

Date

8.21.08

Date: 6-23-08

Groundwater

3

110

Burial trench location from reserve pit N S E W

All pit sample depths are *below pit bottom* (BPB)

[illegible]

BPB- Below Pit Bottom

Highlander Environmental Corp.
Pit Sample Location Plat

Pit wall in feet _____

x SE SW x

x NE NW x

x Center

↓ Draw in North Arrow

Depth of pit in feet 2

• Wellhead

Well Pad

Client: COG Oper.

Well Name: Edwards State #4

API# 30-025-38730

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 **COG Operating LLC** Telephone **432-685-4332** e-mail address **kcarrillo@conchoresources.com**

Address: **550 W. Texas, Suite 1300** **Midland, TX 79701**

Facility or well name: **Edward State #4** API #: **30-025-38730** U/L or Qtr/Qtr **K** Sec **16** T **17S** R **32E**

County **Lea** Latitude **32.831389° N** Longitude **103.772080° W** 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 ☐

Pit Volume **5000** 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.) **110'**

Less than 50 feet

50 feet or more, but less than 100 feet

100 feet or more

(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

No

(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

1000 feet or more

(20 points)

(10 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: (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 **COG Operating LLC proposes to close the drilling pit as follows:**

1. Remove fluids from pit.
2. A deep trench pit will be constructed next to the existing reserve pit and lined with a 12 mil liner. The contents will be encapsulated in this pit and the liner will be folded over the mud & cuttings.
3. Cover liner w/20 mil liner w/ excess of 3' on all sides as per option IV.B.3.(b) of Pit and Below-Grade Tank Guidelines.
4. Cover w/ a minimum of 3' of native soil.
5. Contour pit to prevent erosion & ponding of rainwater.

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 **05/21/08**

Printed Name/Title **Kanicia Carrillo, Regulatory Analyst**

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 

ENVIRONMENTAL ENGINEER

Date: **5.27.08**

Report Date: August 12, 2008
3549

Work Order: 8062534
COG-Edward State #4

Page Number: 1 of 2
Lea County, NM

Summary Report

none

Report Date: August 12, 2008

Work Order: 8062534



Project Location: Lea County, NM
Project Name: COG-Edward State #4
Project Number: 3549

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
164632	NE 10'	soil	2008-06-23	00:00	2008-06-25
164633	NW 5'	soil	2008-06-23	00:00	2008-06-25
164634	SE 2'	soil	2008-06-23	00:00	2008-06-25
164635	SW 2'	soil	2008-06-23	00:00	2008-06-25
164636	Center 10'	soil	2008-06-23	00:00	2008-06-25

Sample: 164632 - NE 10'

Param	Flag	Result	Units	RL
Chloride		249	mg/Kg	2.00

Sample: 164633 - NW 5'

Param	Flag	Result	Units	RL
Chloride		114	mg/Kg	2.00

Sample: 164634 - SE 2'

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

Sample: 164635 - SW 2'

Report Date: August 12, 2008
3549

Work Order: 8062534
COG-Edward State #4

Page Number: 2 of 2
Lea County, NM

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

Sample: 164636 - Center 10'

Param	Flag	Result	Units	RL
Chloride		109	mg/Kg	2.00