

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: **Parallel Petroleum Corporation** Telephone: **432-684-3905** e-mail address: **ddurham@pill.com**  
Address: **1004 N. Big Spring Street, Suite 400, Midland, Texas 79701**  
Facility or well name: **Paris Draw State Unit 1624-21 #1** API #: **30-015-35554** U/L or Qtr/Qtr **P** Sec **20** T **16S** R **24E**  
County: **Chaves** Latitude **32° 54' 10.25" N** Longitude **104° 36' 09.48" W** NAD: 1927 X 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

<b>Pit</b>	<b>Below-grade tank</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"/> Pit Volume <b>25,000</b> 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.) <b>250'</b>	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) <b>0</b> (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) <b>0</b>
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) <b>0</b>
<b>Ranking Score (Total Points)</b>		<b>0</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, (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  
Pit closed by lined trench burial on 3-19-08 on verbal approval by Mike Bratcher on 3-19-08  
All material with chloride levels of 5000 mg/kg or higher was removed and placed in one of two lined burial trenches. One trench was located on the east side of the reserve pit  
And a second was located in the southwest corner of the reserve pit area both lined burial trenches were capped with plastic before backfill The entire bottom of the reserve pit  
Was then leveled and bedded with sand, a 20 mil liner was placed over the entire pit bottom bedded and the backfilled and recontoured.  
The field and lab 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: 3-28-2008

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

Date: \_\_\_\_\_

APR 01 2008

# Highlander Environmental Corp.

## Pit Closure Sampling Report

Job Number:

Date: 3-18-08

Client:

Parallel Petroleum

Well Name

Paris Draw State Unit 1624-21 #1

API#

30-015-35554

Depth of Pit

8'

Depth to

Groundwater

250'

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)
NE	2	2400	
	5	6720	
	10	5280	
	15	3200	
	20	250	160
NW	2	6320	
	5	5920	
	10	3000	
	15	5600	
	20	2560	
	25	700	
Hard Rock	30	300	170
SE	2	4320	
	5	6080	
	10	2320	
	15	1040	
	20	1440	
	25	1760	
Hard Rock	30	1000	950
SW	2	6400	
	5	9600	
	10	4000	
	15	3680	
	20	4480	
	25	3760	
Hard Rock	30	340	241
Center	2	250	198

DNR- Did not run at lab.

BGS- Below Ground Surface

BPB- Below Pit Bottom

## Summary Report

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

Report Date: March 21, 2008

Work Order: 8032004



Project Name: Parallel-Paris Draw State Unit 1624-21 #1  
Project Number: 2967

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
154106	NE-20	soil	2008-03-17	00:00	2008-03-19
154107	NW-30	soil	2008-03-17	00:00	2008-03-19
154108	SE-30	soil	2008-03-17	00:00	2008-03-19
154109	SW-30	soil	2008-03-17	00:00	2008-03-19
154110	C-2	soil	2008-03-17	00:00	2008-03-19

**Sample: 154106 - NE-20**

Param	Flag	Result	Units	RL
Chloride		160	mg/Kg	2.00

**Sample: 154107 - NW-30**

Param	Flag	Result	Units	RL
Chloride		170	mg/Kg	2.00

**Sample: 154108 - SE-30**

Param	Flag	Result	Units	RL
Chloride		950	mg/Kg	2.00

**Sample: 154109 - SW-30**

Param	Flag	Result	Units	RL
Chloride		241	mg/Kg	2.00

**Sample: 154110 - C-2**

Report Date: March 21, 2008  
2967

Work Order: 8032004  
Parallel-Paris Draw State Unit 1624-21 #1

Page Number: 2 of 2

Param	Flag	Result	Units	RI
Chloride		198	mg/Kg	2.00

## Gary Miller

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**From:** Gary Miller [gmiller@hec-enviro.com]  
**Sent:** Wednesday, March 19, 2008 2:39 PM  
**To:** Mike Bratcher (mbratcher@state.nm.us)  
**Cc:** 'Donnie Hill'; 'Brian McCurry'; Brad Larson (blarson3717@hotmail.com); 'Deane Durham'  
**Subject:** Parallel Petroleum- Paris Draw Unit 1624-21 #1

As per our phone conversation on 3-19-08, we will remove all material above 5000 mg/kg and place in a burial trench in the southwest corner of the pit. The new burial trench will be lined with 20 mil plastic. The entire pit will then be leveled and a 20 mil bedded liner laid over the entire pit bottom.

Gary E. Miller  
Highlander Environmental Corp.  
1910 N. Big Spring  
Midland, Texas 79705

432-682-4559 office  
432-557-4681 cell  
432-682-3946 fax

3/28/2008