

District I  
1625 N. French St., 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@ppl.com**  
Address **1004 N. Big Spring Street, Suite 400, Midland, Texas 79701**  
Facility or well name **Giacomo 1525-8 Fed Com #1** API #: **30-005-63946** U/I. or Qtr/Qtr **A** Sec **8** T **15S** R **25E**  
County **Chaves** Latitude **33° 02' 05.88" N** Longitude **104° 27' 23.89" W** NAD: 1927 X 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 **25,000** 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.) **85'**

Less than 50 feet	(20 points)
50 feet or more, but less than 100 feet	(10 points) <b>10</b>
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) <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	(20 points)
200 feet or more, but less than 1000 feet	(10 points)
1000 feet or more	( 0 points) <b>0</b>

**Ranking Score (Total Points)** **10**

**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: **This well shares a drilling location and pit with both the Smarty Jones 1525-9 #1, API # 33-005-63917**

Pit was closed on 5-16-08, on email approval by Mike Bratcher.

All material with chlorides over 250 mg/kg were buried in a lined trench on the east side of the reserve pit and closed.

The lab and field sample data 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: 5-23-2008

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

**MAY 23 2008**

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

# Pit Closure Sampling Report

Job Number:

**Client:**

Well Name

API#

### Depth of Pit

Depth to

## Groundwater

Orientation of pit N S E W

Burial trench location from reserve pit	N	S	E	W
---	---	---	---	---

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

[illegible]

BGS- Below Ground Surface

BPB- Below Pit Bottom

Removed all material above 250 m/L as checked  
Place in lined burial trench & Bact. 11/1

Highlander Environmental Corp.  
Pit Sample Location Plat

Pit wall in feet \_\_\_\_\_

x NW NE x

x SW SE x

Single horseshoe pit

• Wellhead

Well Pad

x \_\_\_\_\_ Indicates Sample Location  
(Name by quarter i.e. NW, NE etc)

↑ Draw in North Arrow

Depth of pit in feet 0

Pit wall in feet \_\_\_\_\_

Client: Parallel Petroleum

Well Name: GIACOMO 1525 Fed Power #1 & Smarty Jones 1525-S #1

API# 30-005-63946 30-005-63917

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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@pll.com**  
Address: **1004 N. Big Spring Street, Suite 400, Midland, Texas 79701**  
Facility or well name: **Giacomo 1525-8 Fed Com #1** API # **30-005-63946** U/L or Qb/Qb: **A** Sec **8** T **15S** R **25E**  
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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 <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>85'</b>	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <b>10</b> 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) <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 (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) <b>0</b>
Ranking Score (Total Points) <b>10</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: **This well shares a drilling location and pit with both the Smarty Jones 1525-9 #1, API # 30-005-63917**

The fluids in the reserve pit will be allowed to dry or taken to disposal or used at another Parallel Petroleum Corp. drilling well in the area. The drill cuttings and plastic will be placed in a plastic lined burial trench located next to the reserve pit. The trench will then be covered with plastic and backfilled with a minimum of 3' of soil. The reserve pit area will then be backfilled and re-contoured and seeded to BLM specifications.

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

Date: **12-20-2007**

Printed Name/Title: **Gary Miller, Agent**

Signature: \_\_\_\_\_

Your certification and NMOCID 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: \_\_\_\_\_

**JAN 09 2008**

**SEE ATTACHED  
STIPULATIONS**

Report Date: May 21, 2008  
2898

Work Order: 8051636  
COG-Smarty Jones 1525-9 #1

Page Number: 1 of 2

## Summary Report

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

Report Date: May 21, 2008

Work Order: 8051636



Project Name: COG-Smarty Jones 1525-9 #1  
Project Number: 2898

*Giacomo 1528-8 Fed Cam #1*

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
160404	NE 5'	soil	2008-05-14	00:00	2008-05-16
160405	NW 2'	soil	2008-05-14	00:00	2008-05-16
160406	SE 2'	soil	2008-05-14	00:00	2008-05-16
160407	SW 2'	soil	2008-05-14	00:00	2008-05-16

**Sample: 160404 - NE 5'**

Param	Flag	Result	Units	RL
Chloride		256	mg/Kg	2.00

**Sample: 160405 - NW 2'**

Param	Flag	Result	Units	RL
Chloride		270	mg/Kg	2.00

**Sample: 160406 - SE 2'**

Param	Flag	Result	Units	RL
Chloride		299	mg/Kg	2.00

**Sample: 160407 - SW 2'**

Report Date: May 21, 2008  
2898

Work Order: 8051636  
COG-Smarty Jones 1525-9 #1

Page Number: 2 of 2

Param	Flag	Result	Units	RL
Chloride		171	mg/Kg	2.00