

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 ☐

**WFS CLOSURE**

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

Operator: BP AMERICA PRODUCTION COMPANY Telephone: \_\_\_\_\_ e-mail address: \_\_\_\_\_  
Address: PO BOX 22048 TULSA, OK 74121  
Facility or well name: FLORANCE #023A API #: 30-045-22347 U/L or Qtr/Qtr I SEC 24 T 29N R 9W  
County: SAN JUAN Latitude 36 42.466 N Longitude 107 43.634 W NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner Type: Synthetic ☒ Thickness \_\_\_\_\_ mil Clay ☐

Pit Volume 51 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.)

Less than 50 feet  
50 feet or more, but less than 100 feet  
100 feet or more

(20 points)  
(10 points) 0  
(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) 0

Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet  
200 feet to 1,000 feet  
Greater than 1,000 feet

(20 points)  
(10 points) 0  
(0 points)

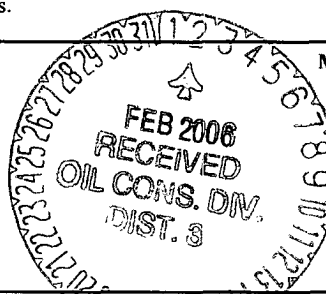
**Ranking Score (TOTAL POINTS):**

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:

*Outside V#*



Meter: 34511

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: 10/3/05

Printed Name/Title Mark Harvey for Williams Field Services Signature Mark Harvey FOR WFS

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 DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature [Signature]

Date: FEB 02 2006

# **ADDENDUM TO OCD FORM C-144**

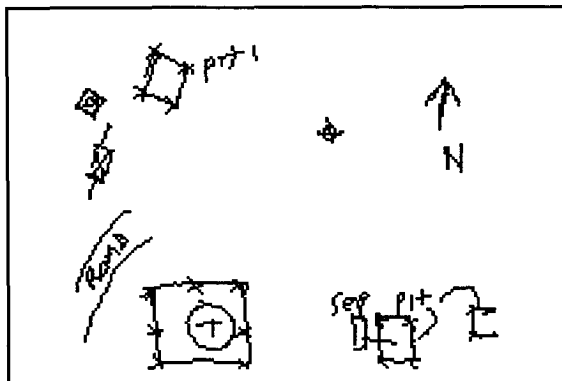
**Operator:** BP AMERICA PRODUCTION COMPANY

**API** 30-045-22347

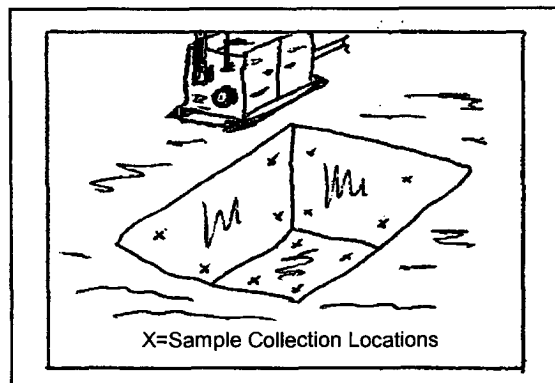
**Well Name:** FLORANCE #023A

**Meter:** 34511

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.  
Width 12 Ft.  
Depth 2 Ft.

**Location of Pit Center**

Latitude 36 42.467 N  
Longitude 07 43.651 W  
(NAD 1927)

**Pit ID**

345111

**Pit Type**

Unknown

**Date Closure Started:** 7/21/05

**Date Closure Completed:** 7/21/05

**Closure Method:** Excavated, Blended, Treated Soil Returned

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 53

**Vertical Extent of Equipment Reached ?** ☐

**Description Of Closure Action:**

Contaminated soil was removed and treated then returned to the excavation following sampling of the walls and floor.

BEDROCK limited vertical excavation and/or prevented sampling. This condition limits deleterious environmental effects.

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
132319JUL05	7/19/05		318	13	260	ASSESS	Flr	3.5	
153021JUL05	7/21/05	149	137.8	0	2600	EX Confirm	Walls	8	See Risk Analysis
153521JUL05	7/21/05	162	4.31	0	460	EX Confirm	Flr	10	See Risk Analysis

Lab Project Number: 6098435  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608444709 Project Sample Number: 6098435-019 Date Collected: 07/21/05 15:30  
Client Sample ID: 153021JUL05 Matrix: Soil Date Received: 08/11/05 09:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	12.	1.2	08/12/05 21:03	CPR			
Jet Fuel	ND	mg/kg	12.	1.2	08/12/05 21:03	CPR	94114-58-6		
Kerosene	ND	mg/kg	12.	1.2	08/12/05 21:03	CPR			
Diesel Fuel	ND	mg/kg	12.	1.2	08/12/05 21:03	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	12.	1.2	08/12/05 21:03	CPR	68553-00-4		
Motor Oil	ND	mg/kg	12.	1.2	08/12/05 21:03	CPR			
Total Petroleum Hydrocarbons	2600	mg/kg	12.	1.2	08/12/05 21:03	CPR		1	
n-Tetracosane (S)	230	%		1.0	08/12/05 21:03	CPR	646-31-1	7	
p-Terphenyl (S)	96	%		1.0	08/12/05 21:03	CPR	92-94-4		
Date Extracted	08/11/05				08/11/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	16.9	%		1.0	08/11/05	JDM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	1200	23.7	08/12/05 19:27	SHF	71-43-2		
Ethylbenzene	7800	ug/kg	1200	23.7	08/12/05 19:27	SHF	100-41-4		
Toluene	20000	ug/kg	1200	23.7	08/12/05 19:27	SHF	108-88-3		
Xylene (Total)	110000	ug/kg	3100	23.7	08/12/05 19:27	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	93	%		1.0	08/12/05 19:27	SHF	98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6098435  
Client Project ID: N MEX PIT PROGRAM

Lab Sample No: 608444717      Project Sample Number: 6098435-020      Date Collected: 07/21/05 15:35  
Client Sample ID: 153521JUL05      Matrix: Soil      Date Received: 08/11/05 09:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
<b>GC Semivolatiles</b>									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.	1.1	08/12/05 21:24	CPR			
Jet Fuel	ND	mg/kg	11.	1.1	08/12/05 21:24	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.	1.1	08/12/05 21:24	CPR			
Diesel Fuel	ND	mg/kg	11.	1.1	08/12/05 21:24	CPR	68553-00-4		
Fuel Oil	ND	mg/kg	11.	1.1	08/12/05 21:24	CPR	68553-00-4		
Motor Oil	ND	mg/kg	11.	1.1	08/12/05 21:24	CPR			
Total Petroleum Hydrocarbons	460	mg/kg	11.	1.1	08/12/05 21:24	CPR			1
n-Tetracosane (S)	126	%		1.0	08/12/05 21:24	CPR	646-31-1		
p-Terphenyl (S)	101	%		1.0	08/12/05 21:24	CPR	92-94-4		
Date Extracted	08/11/05				08/11/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	9.2	%		1.0	08/11/05	JDM			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	220	4.4	08/12/05 19:54	SHF	71-43-2		
Ethylbenzene	320	ug/kg	220	4.4	08/12/05 19:54	SHF	100-41-4		
Toluene	290	ug/kg	220	4.4	08/12/05 19:54	SHF	108-88-3		
Xylene (Total)	3700	ug/kg	570	4.4	08/12/05 19:54	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	87	%		1.0	08/12/05 19:54	SHF	98-08-8		6

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Lab Project Number: 6097736  
Client Project ID: NM PIT PROGRAM

Lab Sample No: 608389102      Project Sample Number: 6097736-011      Date Collected: 07/19/05 13:23  
Client Sample ID: 132319JUL05      Matrix: Soil      Date Received: 07/23/05 08:20

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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### GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	12.	1.2	07/29/05 13:07	CPR			
Jet Fuel	ND	mg/kg	12.	1.2	07/29/05 13:07	CPR	94114-58-6		
Kerosene	ND	mg/kg	12.	1.2	07/29/05 13:07	CPR			
Diesel Fuel	ND	mg/kg	12.	1.2	07/29/05 13:07	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	07/29/05 13:07	CPR	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	07/29/05 13:07	CPR			
Total Petroleum Hydrocarbons	260	mg/kg	12.	1.2	07/29/05 13:07	CPR		1	
n-Tetracosane (S)	124	%		1.0	07/29/05 13:07	CPR	646-31-1		
p-Terphenyl (S)	108	%		1.0	07/29/05 13:07	CPR	92-94-4		
Date Extracted	07/25/05				07/25/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	18.8	%		1.0	07/25/05	JDM			

### GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	13000	ug/kg	1200	24.4	07/30/05 15:16	SHF	71-43-2		
Ethylbenzene	15000	ug/kg	1200	24.4	07/30/05 15:16	SHF	100-41-4		
Toluene	130000	ug/kg	1200	24.4	07/30/05 15:16	SHF	108-88-3		
Xylene (Total)	160000	ug/kg	3200	24.4	07/30/05 15:16	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	114	%		1.0	07/30/05 15:16	SHF	98-08-8		

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