

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

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 #035A API #: 30-045-22276 U/L or Qtr/Qtr Q SEC 18 T 30N R 8W  
County: SAN JUAN Latitude 36 48.401 N Longitude 107 42.833 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 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  
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 points) 0

**Ranking Score (TOTAL POINTS):**

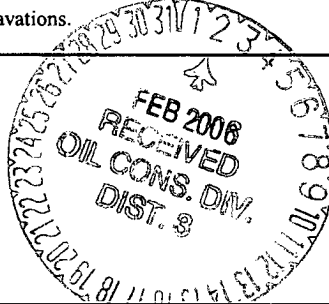
0

**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:

Meter: 34489

*Outside VA*



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 Mr. 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 Denny Felt

Date: FEB 02 2006

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

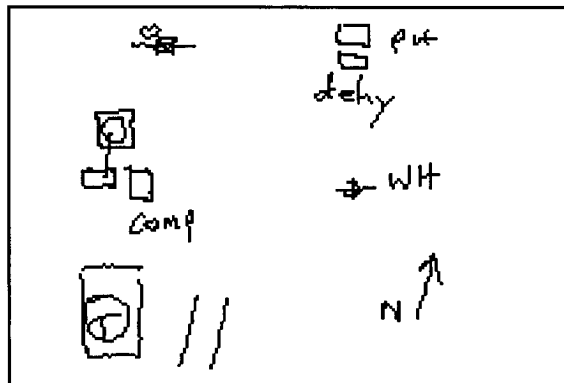
**Operator:** BP AMERICA PRODUCTION COMPANY

**API** 30-045-22276

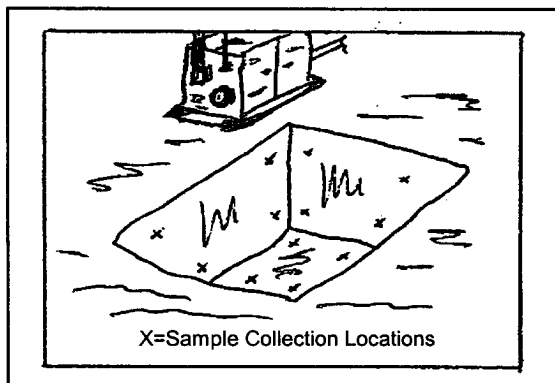
**Well Name:** FLORANCE #035A

**Meter:** 34489

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.

Width 12 Ft.

Depth 2 Ft.

**Location of Pit Center**

Latitude 36 48.414 N

Longitude 07 42.848 W

(NAD 1927)

**Pit ID**

344891

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 4/19/05

**Date Closure Completed:** 4/19/05

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

**Bedrock Encountered ?** ☒

**Cubic Yards Excavated:** 24

**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	
154006MAR05	3/6/05		4780	320	760	ASSESS	Flr	2	
171319APR05	4/19/05	142	61.2	1.1	11000	EX Confirm	Walls	3	See Risk Analysis
172319APR05	4/19/05	129	628	19	350	EX Confirm	Flr	4.5	See Risk Analysis

Lab Project Number: 6094208  
Client Project ID: N MEXICO PIT PROGRAM

Lab Sample No: 608089843      Project Sample Number: 6094208-031      Date Collected: 04/19/05 17:13  
Client Sample ID: 171319APR05      Matrix: Soil      Date Received: 04/22/05 09:30

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	21.		2.1 04/26/05 16:54	RMN1			
Jet Fuel	ND	mg/kg	21.		2.1 04/26/05 16:54	RMN1			
Kerosene	ND	mg/kg	21.		2.1 04/26/05 16:54	RMN1			
Diesel Fuel	ND	mg/kg	21.		2.1 04/26/05 16:54	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	21.		2.1 04/26/05 16:54	RMN1	68334-30-5		
Motor Oil	11000	mg/kg	21.		2.1 04/26/05 16:54	RMN1			
n-Tetracosane (S)	128	%			1.0 04/26/05 16:54	RMN1	646-31-1		
p-Terphenyl (S)	106	%			1.0 04/26/05 16:54	RMN1	92-94-4		
Date Extracted	04/25/05				04/25/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	4.9	%			1.0 04/25/05	CJN1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	1100	ug/kg	420		8.3 04/26/05 01:33	SHF	71-43-2		
Ethylbenzene	2100	ug/kg	420		8.3 04/26/05 01:33	SHF	100-41-4		
Toluene	11000	ug/kg	420		8.3 04/26/05 01:33	SHF	108-88-3		
Xylene (Total)	47000	ug/kg	1100		8.3 04/26/05 01:33	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	128	%			1.0 04/26/05 01:33	SHF	98-08-8	9	

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6094208  
Client Project ID: N MEXICO PIT PROGRAM

Lab Sample No: 608089850  
Client Sample ID: 172319APR05

Project Sample Number: 6094208-032  
Matrix: Soil

Date Collected: 04/19/05 17:23  
Date Received: 04/22/05 09:30

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 04/26/05 15:27	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 04/26/05 15:27	RMN1			
Kerosene	ND	mg/kg	11.		1.1 04/26/05 15:27	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 04/26/05 15:27	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 04/26/05 15:27	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 04/26/05 15:27	RMN1			
Total Petroleum Hydrocarbons	350	mg/kg	11.		1.1 04/26/05 15:27	RMN1		2	
n-Tetracosane (S)	75	%			1.0 04/26/05 15:27	RMN1	646-31-1		
p-Terphenyl (S)	87	%			1.0 04/26/05 15:27	RMN1	92-94-4		
Date Extracted	04/25/05				04/25/05				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	12.0	%			1.0 04/25/05	CJN1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	19000	ug/kg	5700	114	04/26/05 02:00	SHF	71-43-2		
Ethylbenzene	29000	ug/kg	5700	114	04/26/05 02:00	SHF	100-41-4		
Toluene	230000	ug/kg	5700	114	04/26/05 02:00	SHF	108-88-3		
Xylene (Total)	350000	ug/kg	15000	114	04/26/05 02:00	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	112	%			1.0 04/26/05 02:00	SHF	98-08-8		

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Lab Project Number: 6092681  
Client Project ID: NM Pits 02/18-03/04/2005

Lab Sample No: 607961612      Project Sample Number: 6092681-007      Date Collected: 03/06/05 15:40  
Client Sample ID: 154006MAR05      Matrix: Soil      Date Received: 03/10/05 09:00

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	03/16/05 23:24	RMN1			
Jet Fuel	ND	mg/kg	12.	1.2	03/16/05 23:24	RMN1			
Kerosene	ND	mg/kg	12.	1.2	03/16/05 23:24	RMN1			
Diesel Fuel	ND	mg/kg	12.	1.2	03/16/05 23:24	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	12.	1.2	03/16/05 23:24	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	12.	1.2	03/16/05 23:24	RMN1			
Total Petroleum Hydrocarbons	760	mg/kg	12.	1.2	03/16/05 23:24	RMN1		1	
n-Tetracosane (S)	96	%		1.0	03/16/05 23:24	RMN1	646-31-1		
p-Terphenyl (S)	106	%		1.0	03/16/05 23:24	RMN1	92-94-4		
Date Extracted	03/11/05				03/11/05				

### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	17.6	%		1.0	03/11/05	ALJ1			

### GC/MS Volatiles

UST VOCs in Soil	Prep/Method: EPA 5030 Medium Soil / EPA 8260								
Benzene	320000	ug/kg	15000	308	03/17/05 14:04	AEP	71-43-2		
Toluene	2400000	ug/kg	15000	308	03/17/05 14:04	AEP	108-88-3		
Ethylbenzene	160000	ug/kg	15000	308	03/17/05 14:04	AEP	100-41-4		
Xylene (Total)	1900000	ug/kg	46000	308	03/17/05 14:04	AEP	1330-20-7		
Dibromofluoromethane (S)	106	%		1.0	03/17/05 14:04	AEP	1868-53-7		
1,2-Dichloroethane-d4 (S)	111	%		1.0	03/17/05 14:04	AEP	17060-07-0		
Toluene-d8 (S)	114	%		1.0	03/17/05 14:04	AEP	2037-26-5		
4-Bromofluorobenzene (S)	103	%		1.0	03/17/05 14:04	AEP	460-00-4		

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