

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**

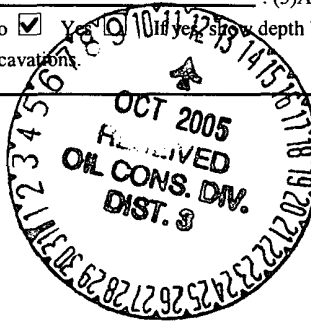
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

(WFS CLOSURE)

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

Operator: <u>BP AMERICA PRODUCTION COMPANY</u> Telephone: _____ e-mail address: _____	
Address: <u>PO BOX 22048 TULSA, OK 74121</u>	
Facility or well name: <u>FLORANCE J #048</u>	API #: <u>30-045-09373</u> U/L or Qtr/Qtr <u>A</u> SEC <u>23</u> T <u>30N</u> R <u>8W</u>
County: <u>SAN JUAN</u>	Latitude <u>36.802</u> Longitude <u>-107.63926</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>64</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction Material: _____ Double-walled, with leak detection? Yes <input checked="" 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.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <u>0</u> 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) <u>0</u>
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 to 1,000 feet (10 points) <u>0</u> Greater than 1,000 feet (0 points)
Ranking Score (TOTAL POINTS): <u>0</u>	

**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 \_\_\_\_\_. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: <i>Vertical Extent Outside</i>		Meter: <u>34061</u>
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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: 9/18/05

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 Denny Faint

OCT 12 2005  
Date: \_\_\_\_\_

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

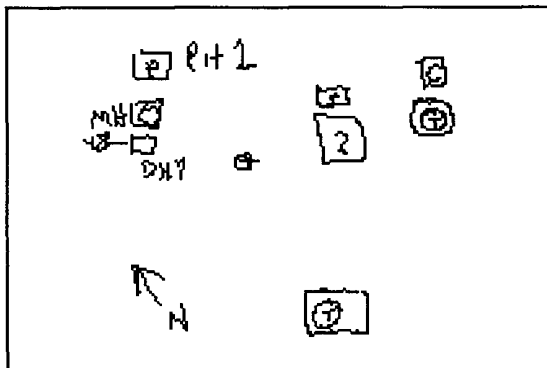
**Operator:** BP AMERICA PRODUCTION COMPANY

**API** 30-045-09373

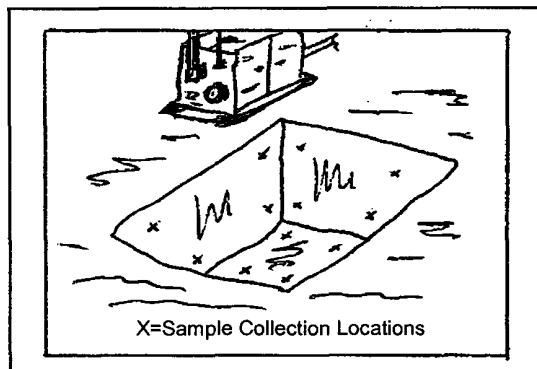
**Well Name:** FLORANCE J #048

**Meter:** 34061

**Facility Diagram:**



**Sampling Diagram:**



**Pit Dimensions**

Length 12 Ft.  
Width 12 Ft.  
Depth 2.5 Ft.

**Location of Pit Center**

Latitude 36.80241  
Longitude -107.63932  
(NAD 1927)

**Pit ID**

340611

**Pit Type**

Glycol Dehydrator

**Date Closure Started:** 10/15/04

**Date Closure Completed:** 10/15/04

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

**Bedrock Encountered ?** ☐

**Cubic Yards Excavated:** 64

**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.

Vertical extent of excavation limited by equipment

**Pit Closure Sampling:**

Sample ID	Sample Date	Head Space	BTEX Total (mg/kg)	Benzene (mg/kg)	TPH DRO (mg/kg)	Purpose	Location	Depth	
101615OCT04	10/15/04	60	0.297	0	120	EX Confirm	Walls	9	
102415OCT04	10/15/04	161	1622	45	1600	EX Confirm	Flr	12	See Risk Analysis
181718MAY04	5/18/04		1475	54	4500	ASSESS	Flr	3.5	

Lab Project Number: 6082759  
Client Project ID: N.M. Pit Program

Lab Sample No: 607131794      Project Sample Number: 6082759-013      Date Collected: 05/18/04 18:17  
Client Sample ID: 181718MAY04      Matrix: Soil      Date Received: 05/21/04 09:20

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	63.	6.3	05/28/04 16:15	DCKI			
Jet Fuel	ND	mg/kg	63.	6.3	05/28/04 16:15	DCKI			
Kerosene	ND	mg/kg	63.	6.3	05/28/04 16:15	DCKI			
Diesel Fuel	ND	mg/kg	63.	6.3	05/28/04 16:15	DCKI	68334-30-5		
Fuel Oil	ND	mg/kg	63.	6.3	05/28/04 16:15	DCKI	68334-30-5		
Motor Oil	ND	mg/kg	63.	6.3	05/28/04 16:15	DCKI			
Total Petroleum Hydrocarbons	4500	mg/kg	63.	6.3	05/28/04 16:15	DCKI		10	
n-Tetracosane (S)	100	%		1.0	05/28/04 16:15	DCKI	646-31-1		
p-Terphenyl (S)	100	%		1.0	05/28/04 16:15	DCKI	92-94-4		
Date Extracted	05/25/04				05/25/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	20.2	%		1.0	05/25/04	DPB			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	54000	ug/kg	5900	118	05/26/04 10:48		71-43-2		
Ethylbenzene	71000	ug/kg	5900	118	05/26/04 10:48		100-41-4		
Toluene	480000	ug/kg	5900	118	05/26/04 10:48		108-88-3		
Xylene (Total)	870000	ug/kg	15000	118	05/26/04 10:48		1330-20-7		
a,a,a-Trifluorotoluene (S)	97	%		1.0	05/26/04 10:48		98-08-8		

## REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6088151

Client Project ID: NM PITS

Lab Sample No: 607601176  
Client Sample ID: 1024150CT04

Project Sample Number: 6088151-015  
Matrix: Soil

Date Collected: 10/15/04 10:24  
Date Received: 10/22/04 09:15

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	10/26/04 05:53	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	10/26/04 05:53	RMN1			
Kerosene	ND	mg/kg	11.	1.1	10/26/04 05:53	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	10/26/04 05:53	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	10/26/04 05:53	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	10/26/04 05:53	RMN1			
Total Petroleum Hydrocarbons	1600	mg/kg	11.	1.1	10/26/04 05:53	RMN1		13	
n-Tetracosane (S)	93	%		1.0	10/26/04 05:53	RMN1	646-31-1		
p-Terphenyl (S)	95	%		1.0	10/26/04 05:53	RMN1	92-94-4		
Date Extracted	10/23/04				10/23/04				

**Organics Prep**

Percent Moisture	Method: SM 2540G								
Percent Moisture	11.0	%		1.0	10/25/04	ALJ1			

**GC Volatiles**

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	45000	ug/kg	11000	218	10/26/04 10:43		71-43-2		
Ethylbenzene	77000	ug/kg	11000	218	10/26/04 10:43		100-41-4		
Toluene	590000	ug/kg	11000	218	10/26/04 10:43		108-88-3		
Xylene (Total)	910000	ug/kg	28000	218	10/26/04 10:43		1330-20-7		
a,a,a-Trifluorotoluene (S)	105	%		1.0	10/26/04 10:43		98-08-8		

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Lab Project Number: 6088151

Client Project ID: NM PITS

Lab Sample No: 607601184  
Client Sample ID: 1016150CT04

Project Sample Number: 6088151-016  
Matrix: Soil

Date Collected: 10/15/04 10:16  
Date Received: 10/22/04 09:15

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	10.	1.0	10/26/04 16:49	RMN1			
Jet Fuel	ND	mg/kg	10.	1.0	10/26/04 16:49	RMN1			
Kerosene	ND	mg/kg	10.	1.0	10/26/04 16:49	RMN1			
Diesel Fuel	ND	mg/kg	10.	1.0	10/26/04 16:49	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	10.	1.0	10/26/04 16:49	RMN1	68334-30-5		
Motor Oil	120	mg/kg	10.	1.0	10/26/04 16:49	RMN1			
n-Tetracosane (S)	116	%		1.0	10/26/04 16:49	RMN1	646-31-1		
p-Terphenyl (S)	94	%		1.0	10/26/04 16:49	RMN1	92-94-4		
Date Extracted	10/23/04				10/23/04				

#### Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	5.3	%		1.0	10/25/04	ALJ1			

#### GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	ND	ug/kg	53.	1.1	10/26/04 11:10		71-43-2		
Ethylbenzene	ND	ug/kg	53.	1.1	10/26/04 11:10		100-41-4		
Toluene	77.	ug/kg	53.	1.1	10/26/04 11:10		108-88-3		
Xylene (Total)	220	ug/kg	140	1.1	10/26/04 11:10		1330-20-7		
a,a,a-Trifluorotoluene (S)	102	%		1.0	10/26/04 11:10		98-08-8		

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