

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 AB #031 API #: 30-045-08591 U/L or Qtr/Qtr A SEC 12 T 29N R 8W
County: SAN JUAN Latitude 36 44.677 N Longitude 107 37.308 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 ☐

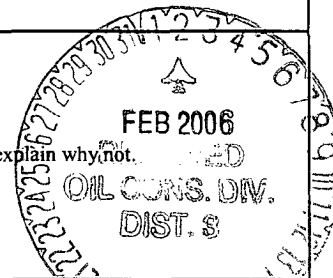
Pit Volume _____ 60 bbl

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: 34056

Outside ✓ A

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

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. 43

Signature Wendy Fawcett

FEB 02 2006
Date: _____

ADDENDUM TO OCD FORM C-144

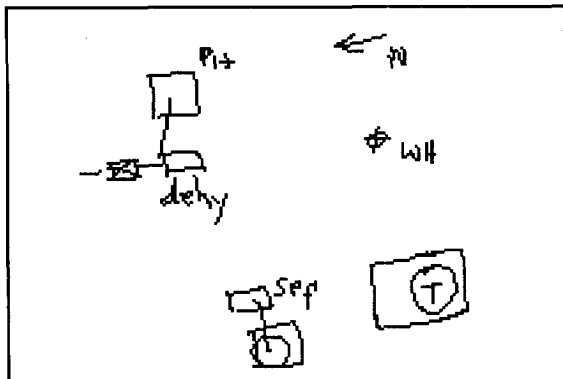
Operator: BP AMERICA PRODUCTION COMPANY

API 30-045-08591

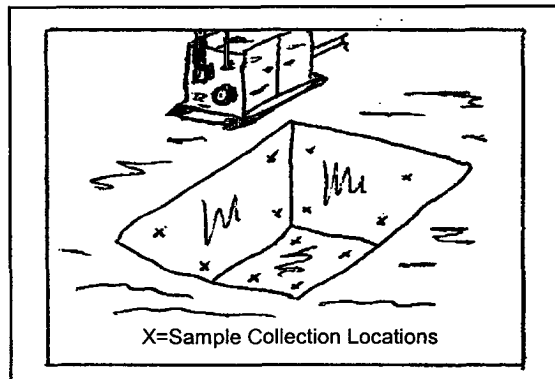
Well Name: FLORANCE AB #031

Meter: 34056

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 1.5 Ft.

Location of Pit Center

Latitude 36 44.693 N

Longitude 07 37.321 W

(NAD 1927)

Pit ID

340561

Pit Type

Glycol Dehydrator

Date Closure Started: 3/9/05

Date Closure Completed: 3/9/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 33

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	
093409MAR05	3/9/05	154	356.3	8.1	1100	EX Confirm	Walls	4	See Risk Analysis
094409MAR05	3/9/05	94			330	EX Confirm	Flr	4	
121331AUG04	8/31/04		1764	240	2300	ASSESS	Flr	3	

Lab Project Number: 6093056

Client Project ID: N. Mexico Pits Winter 2005

Lab Sample No: 607994159
Client Sample ID: 093409MAR05

Project Sample Number: 6093056-023
Matrix: Soil

Date Collected: 03/09/05 09:34
Date Received: 03/22/05 09:05

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	11.	1.1	03/24/05 18:51	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	03/24/05 18:51	RMN1			
Kerosene	ND	mg/kg	11.	1.1	03/24/05 18:51	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	03/24/05 18:51	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	03/24/05 18:51	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	03/24/05 18:51	RMN1			
Total Petroleum Hydrocarbons	1100	mg/kg	11.	1.1	03/24/05 18:51	RMN1		1	
n-Tetracosane (S)	124	%		1.0	03/24/05 18:51	RMN1	646-31-1		
p-Terphenyl (S)	107	%		1.0	03/24/05 18:51	RMN1	92-94-4		
Date Extracted	03/24/05				03/24/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	11.8	%		1.0	03/24/05	CPR			

GC/MS Volatiles

UST VOCs in Soil Prep/Method: EPA 5030 Medium Soil / EPA 8260

Benzene	8100	ug/kg	520	10.4	03/23/05 17:17	JKL	71-43-2		
Toluene	150000	ug/kg	520	10.4	03/23/05 17:17	JKL	108-88-3		
Ethylbenzene	8200	ug/kg	520	10.4	03/23/05 17:17	JKL	100-41-4		
Xylene (Total)	190000	ug/kg	1600	10.4	03/23/05 17:17	JKL	1330-20-7		
Dibromofluoromethane (S)	93	%		1.0	03/23/05 17:17	JKL	1868-53-7		
1,2-Dichloroethane-d4 (S)	89	%		1.0	03/23/05 17:17	JKL	17060-07-0		
Toluene-d8 (S)	113	%		1.0	03/23/05 17:17	JKL	2037-26-5		
4-Bromofluorobenzene (S)	96	%		1.0	03/23/05 17:17	JKL	460-00-4		

Comments : This sample was received and analyzed outside of EPA recommended holding time.

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6093056
Client Project ID: N. Mexico Pits Winter 2005

Lab Sample No: 607994167 Project Sample Number: 6093056-024 Date Collected: 03/09/05 09:44
Client Sample ID: 094409MAR05 Matrix: Soil Date Received: 03/22/05 09:05

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	11.	1.1	03/24/05 19:11	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	03/24/05 19:11	RMN1			
Kerosene	ND	mg/kg	11.	1.1	03/24/05 19:11	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	03/24/05 19:11	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	03/24/05 19:11	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	03/24/05 19:11	RMN1			
Total Petroleum Hydrocarbons	330	mg/kg	11.	1.1	03/24/05 19:11	RMN1		1	
n-Tetracosane (S)	124	%		1.0	03/24/05 19:11	RMN1	646-31-1		
p-Terphenyl (S)	130	%		1.0	03/24/05 19:11	RMN1	92-94-4		
Date Extracted	03/24/05				03/24/05				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	10.3	%		1.0	03/24/05	CPR			

Comments : This sample was received and analyzed outside of EPA recommended holding time.

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6086460
Client Project ID: NM Pits

Lab Sample No: 607447653
Client Sample ID: 121331AUG04

Project Sample Number: 6086460-022
Matrix: Soil
Date Collected: 08/31/04 12:13
Date Received: 09/03/04 09:10

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	13.	1.3	09/10/04 18:40	RMN1			
Jet Fuel	ND	mg/kg	13.	1.3	09/10/04 18:40	RMN1			
Kerosene	ND	mg/kg	13.	1.3	09/10/04 18:40	RMN1			
Diesel Fuel	ND	mg/kg	13.	1.3	09/10/04 18:40	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	13.	1.3	09/10/04 18:40	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	13.	1.3	09/10/04 18:40	RMN1			
Total Petroleum Hydrocarbons	2300	mg/kg	13.	1.3	09/10/04 18:40	RMN1		10	
n-Tetracosane (S)	149	%		1.0	09/10/04 18:40	RMN1	646-31-1		
p-Terphenyl (S)	85	%		1.0	09/10/04 18:40	RMN1	92-94-4		
Date Extracted	09/08/04				09/08/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 24.3 % 1.0 09/08/04 JLC1

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	240000	ug/kg	6300	126	09/08/04 10:22		71-43-2		
Ethylbenzene	44000	ug/kg	6300	126	09/08/04 10:22		100-41-4		
Toluene	930000	ug/kg	6300	126	09/08/04 10:22		108-88-3		
Xylene (Total)	550000	ug/kg	16000	126	09/08/04 10:22		1330-20-7		
a,a,a-Trifluorotoluene (S)	149	%		1.0	09/08/04 10:22		98-08-8	9	

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