

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: MOORE #005A API #: 30-045-22019 U/L or Qtr/Qtr Q SEC 9 T 30N R 8W
County: SAN JUAN Latitude 36 49.256 N Longitude 107 40.563 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 ☐

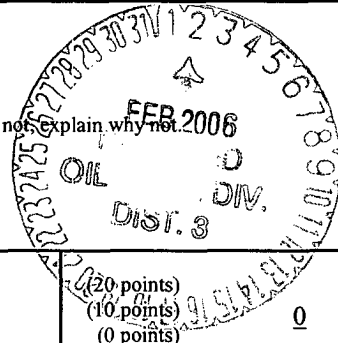
Pit Volume 80 bbl

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 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: 34447

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 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. 4

Signature Deputy

FEB 02 2006

Date: _____

ADDENDUM TO OCD FORM C-144

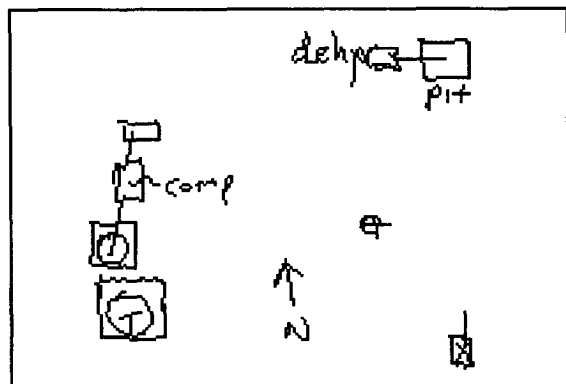
Operator: BP AMERICA PRODUCTION COMPANY

API 30-045-22019

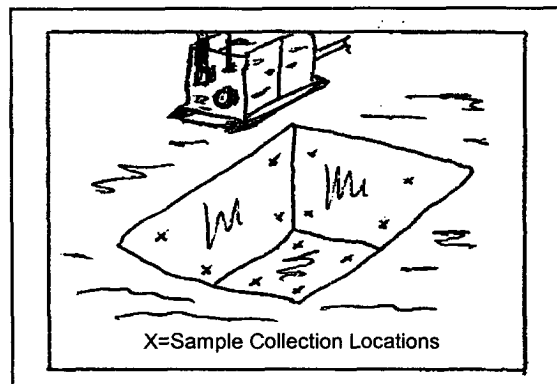
Well Name: MOORE #005A

Meter: 34447

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36 49.266 N

Longitude 07 40.569 W

(NAD 1927)

Pit ID

344471

Pit Type

Glycol Dehydrator

Date Closure Started: 4/26/05

Date Closure Completed: 4/26/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 50

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	
143217NOV04	11/17/04		7400	240	8600	ASSESS	Flr	3	
155826APR05	4/26/05	111	1614	18	1400	EX Confirm	Flr	5	See Risk Analysis
161026APR05	4/26/05	126	708.2	5.2	1100	EX Confirm	Flr	6	See Risk Analysis

Lab Project Number: 6094910
Client Project ID: N. Mex Pit Program Spring 2005

Solid results are reported on a dry weight basis

Lab Sample No: 608151908 Project Sample Number: 6094910-002 Date Collected: 04/26/05 15:58
Client Sample ID: 155826APR05 Matrix: Soil Date Received: 05/11/05 09:00

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	11.		1.1 05/12/05 17:41	RMN1			
Jet Fuel	ND	mg/kg	11.		1.1 05/12/05 17:41	RMN1			
Kerosene	ND	mg/kg	11.		1.1 05/12/05 17:41	RMN1			
Diesel Fuel	ND	mg/kg	11.		1.1 05/12/05 17:41	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.		1.1 05/12/05 17:41	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 05/12/05 17:41	RMN1			
Total Petroleum Hydrocarbons	1400	mg/kg	11.		1.1 05/12/05 17:41	RMN1		1	
n-Tetracosane (S)	79	%			1.0 05/12/05 17:41	RMN1	646-31-1		
p-Terphenyl (S)	76	%			1.0 05/12/05 17:41	RMN1	92-94-4		
Date Extracted	05/12/05				05/12/05				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 12.9 % 1.0 05/12/05 ALJ1

GC Volatiles

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

Benzene	18000	ug/kg	5200	104	05/14/05 12:26	SHF	71-43-2
Ethylbenzene	86000	ug/kg	5200	104	05/14/05 12:26	SHF	100-41-4
Toluene	410000	ug/kg	5200	104	05/14/05 12:26	SHF	108-88-3
Xylene (Total)	1100000	ug/kg	14000	104	05/14/05 12:26	SHF	1330-20-7
a,a,a-Trifluorotoluene (S)	91	%			1.0 05/14/05 12:26	SHF	98-08-8

Comments : Run samples out of hold per client request.

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6094910

Client Project ID: N. Mex Pit Program Spring 2005

Lab Sample No: 608151916

Project Sample Number: 6094910-003

Date Collected: 04/26/05 16:10

Client Sample ID: 161026APR05

Matrix: Soil

Date Received: 05/11/05 09:00

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

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

Mineral Spirits	ND	mg/kg	11.	1.1	05/12/05 17:59	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	05/12/05 17:59	RMN1			
Kerosene	ND	mg/kg	11.	1.1	05/12/05 17:59	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	05/12/05 17:59	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	05/12/05 17:59	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	05/12/05 17:59	RMN1			
Total Petroleum Hydrocarbons	1100	mg/kg	11.	1.1	05/12/05 17:59	RMN1		1	
n-Tetracosane (S)	95	%		1.0	05/12/05 17:59	RMN1	646-31-1		
p-Terphenyl (S)	90	%		1.0	05/12/05 17:59	RMN1	92-94-4		
Date Extracted	05/12/05				05/12/05				

Organics Prep

Percent Moisture
Percent Moisture

Method: SM 2540G

12.5 %

1.0 05/12/05 ALJ1

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	5200	ug/kg	2600	52.0	05/13/05 22:31	SHF	71-43-2		
Ethylbenzene	43000	ug/kg	2600	52.0	05/13/05 22:31	SHF	100-41-4		
Toluene	170000	ug/kg	2600	52.0	05/13/05 22:31	SHF	108-88-3		
Xylene (Total)	490000	ug/kg	6800	52.0	05/13/05 22:31	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	85	%		1.0	05/13/05 22:31	SHF	98-08-8		

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Lab Project Number: 6089187

Client Project ID: N.M. Pits

Lab Sample No: 607686599

Project Sample Number: 6089187-009

Date Collected: 11/17/04 14:32

Client Sample ID: 143217NOV04

Matrix: Soil

Date Received: 11/20/04 09:55

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
GC Semivolatiles									
Total Extractable Hydrocarbons	Prep/Method: OA2 / OA2								
Mineral Spirits	ND	mg/kg	26.	2.6	11/24/04 13:30	RMN1			
Jet Fuel	ND	mg/kg	26.	2.6	11/24/04 13:30	RMN1			
Kerosene	ND	mg/kg	26.	2.6	11/24/04 13:30	RMN1			
Diesel Fuel	ND	mg/kg	26.	2.6	11/24/04 13:30	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	26.	2.6	11/24/04 13:30	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	26.	2.6	11/24/04 13:30	RMN1			
Total Petroleum Hydrocarbons	8600	mg/kg	26.	2.6	11/24/04 13:30	RMN1		6	
n-Tetracosane (S)	96	%		1.0	11/24/04 13:30	RMN1	646-31-1		
p-Terphenyl (S)	94	%		1.0	11/24/04 13:30	RMN1	92-94-4		
Date Extracted	11/22/04				11/22/04				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	23.8	%		1.0	11/23/04	ALJ1			

GC Volatiles

Aromatic Volatile Organics	Prep/Method: EPA 5030 Medium Soil / EPA 8021								
Benzene	240000	ug/kg	32000	637	11/23/04 10:42		71-43-2		
Ethylbenzene	360000	ug/kg	32000	637	11/23/04 10:42		100-41-4		
Toluene	2400000	ug/kg	32000	637	11/23/04 10:42		108-88-3		
Xylene (Total)	4400000	ug/kg	83000	637	11/23/04 10:42		1330-20-7		
a,a,a-Trifluorotoluene (S)	108	%		1.0	11/23/04 10:42		98-08-8		

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