

District I
1625 N. Francis 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

Telephone:

e-mail address:

Address: ---

Facility or well name: FLORENCE #6A

API #: 30-045-22151

U/L or Qtr/Qtr

SEC 23 T 30N R 9W

County: San Juan

Latitude 36 47.529 N

Longitude 107 44.752 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 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)

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)

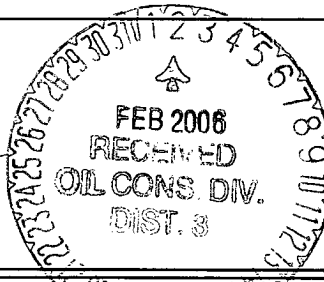
Ranking Score (TOTAL POINTS):

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: 34480

Bedrock



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: _____

Printed Name/Title Mark Harvey for Williams Field Services Signature m1216, 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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____ Signature Henry Feun

FEB 02 2006
Date: _____

ADDENDUM TO OCD FORM C-144

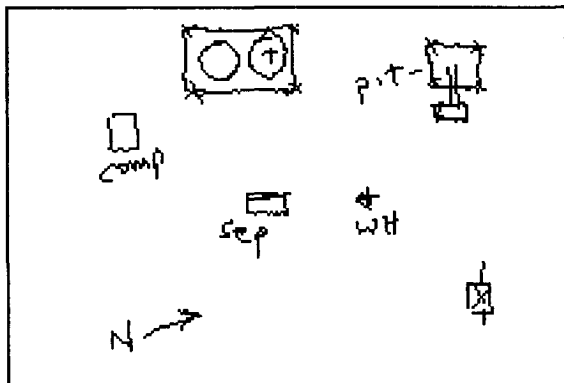
Operator:

API

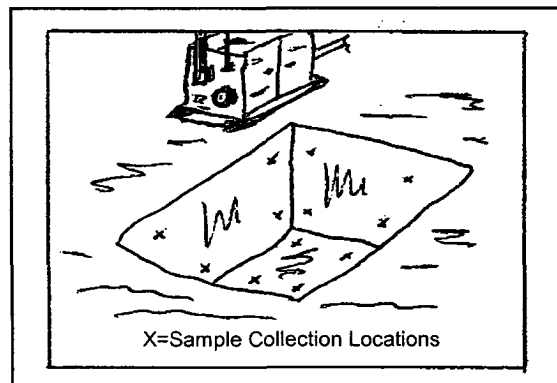
Well Name:

Meter: 34480

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 15 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36 47.537 N

Longitude 07 44.763 W

(NAD 1927)

Pit ID

344801

Pit Type

Glycol Dehydrator

Date Closure Started: 11/28/05

Date Closure Completed: 11/28/05

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	
141228NOV05	11/28/05		438.68	8.18	1300	EX Confirm	Flr	6	See Risk Analysis
141628NOV05	11/28/05		142.13	0	163	EX Confirm	Walls	6	See Risk Analysis
150307NOV05	11/7/05		2278	115	352	ASSESS	Flr	3.5	

ANALYTICAL RESULTS

Project: 602639

Project ID: NM Pits 4th Qtr 05

The solid samples are reported on a dry weight basis.

Lab ID: 602639007	Date Collected: 11/28/05 14:16	Matrix: Solid
Sample ID: 141628NOV05	Date Received: 12/07/05 08:50	

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
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GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	ND	ug/kg	810	4	12/09/05 14:54	SHF	12/10/05 14:52	SHF	71-43-2		
Ethylbenzene	8230	ug/kg	810	4	12/09/05 14:54	SHF	12/10/05 14:52	SHF	100-41-4		
Toluene	25900	ug/kg	810	4	12/09/05 14:54	SHF	12/10/05 14:52	SHF	108-88-3		
Xylene (Total)	108000	ug/kg	2430	4	12/09/05 14:54	SHF	12/10/05 14:52	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	88	%	73-117	4	12/09/05 14:54	SHF	12/10/05 14:52	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	5.7	%	0.10	1			12/08/05 00:00	JDM			
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	94114-58-6		
Kerosene	ND	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	8030-30-6		
Motor Oil	ND	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	64742-65-0		
Total Petroleum Hydrocarbons	163	mg/kg	10.6	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR			2
n-Tetracosane (S)	115	%	69-140	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	646-31-1		
p-Terphenyl (S)	111	%	76-140	1	12/08/05 00:00	BAG	12/12/05 16:37	CPR	92-94-4		

Date: 12/15/2005

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ANALYTICAL RESULTS

Project: 602639

Project ID: NM Pits 4th Qtr 05

The solid samples are reported on a dry weight basis.

Lab ID: 602639008	Date Collected: 11/28/05 14:12	Matrix: Solid
Sample ID: 141228NOV05	Date Received: 12/07/05 08:50	

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
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GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	8180 ug/kg		2040	4	12/09/05 14:54	SHF	12/10/05 15:19	SHF	71-43-2		
Ethylbenzene	22500 ug/kg		2040	4	12/09/05 14:54	SHF	12/10/05 15:19	SHF	100-41-4		
Toluene	130000 ug/kg		2040	4	12/09/05 14:54	SHF	12/10/05 15:19	SHF	108-88-3		
Xylene (Total)	278000 ug/kg		6120	4	12/09/05 14:54	SHF	12/10/05 15:19	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	99 %		73-117	4	12/09/05 14:54	SHF	12/10/05 15:19	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	12.4 %		0.10	1			12/08/05 00:00	JDM			
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	68334-30-5		
Fuel Oil	ND mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	68553-00-4		
Jet Fuel	ND mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	94114-58-6		
Kerosene	ND mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	8008-20-6		
Mineral Spirits	ND mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	8030-30-6		
Motor Oil	ND mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	64742-65-0		
Total Petroleum Hydrocarbons	1300 mg/kg		11.3	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR			2
n-Tetracosane (S)	154 %		69-140	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	646-31-1		1
p-Terphenyl (S)	112 %		76-140	1	12/08/05 00:00	BAG	12/10/05 19:02	CPR	92-94-4		

Date: 12/15/2005

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ANALYTICAL RESULTS

Project: 601730

Project ID: NM Pits 4th QTR 05

The solid samples are reported on a dry weight basis.

Lab ID: 601730002 Date Collected: 11/07/05 15:03 Matrix: Solid
Sample ID: 150307NOV05 Date Received: 11/09/05 08:30

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
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GC Volatiles

8021 GCV Med BTEX 5035 prep

Preparation Method: EPA 5035

Analytical Method: EPA 8021

Benzene	115000	ug/kg	5580	10	11/09/05 15:01	SHF	11/10/05 09:30	SHF	71-43-2		
Ethylbenzene	105000	ug/kg	5580	10	11/09/05 15:01	SHF	11/10/05 09:30	SHF	100-41-4		
Toluene	848000	ug/kg	5580	10	11/09/05 15:01	SHF	11/10/05 09:30	SHF	108-88-3		
Xylene (Total)	1210000	ug/kg	16700	10	11/09/05 15:01	SHF	11/10/05 09:30	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	69041	%	73-117	10	11/09/05 15:01	SHF	11/10/05 09:30	SHF	98-08-8	1	

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	18.6	%	0.10	1			11/11/05 00:00	AJA			
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GC Semivolatiles

OA2 GCS

Preparation Method: OA2

Analytical Method: OA2

Diesel Fuel	ND	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	94114-58-6		
Kerosene	ND	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	8030-30-6		
Motor Oil	ND	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	64742-65-0		
Total Petroleum Hydrocarbons	352	mg/kg	12.0	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR		3	
n-Tetracosane (S)	127	%	69-140	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	646-31-1		
p-Terphenyl (S)	123	%	76-140	1	11/11/05 00:00	JDM	11/14/05 11:48	CPR	92-94-4		

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