

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

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: BURLINGTON RESOURCES Telephone: _____ e-mail address: _____
Address: _____
Facility or well name: NORDHAUS #1 API #: 30-045-10680 U/L or Qtr/Qtr SEC 13 T 31N R 9W
County: San Juan Latitude 36 53.603 N Longitude 107 44.125 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 46 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

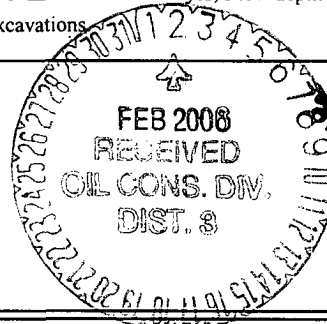
(20 points)
(10 points)
(0 points)

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: 38006



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 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: DEPUTY OIL & GAS INSPECTOR, DIST. 8

Printed Name/Title _____

Signature Wendy Feist

FEB 02 2006
Date: _____

ADDENDUM TO OCD FORM C-144

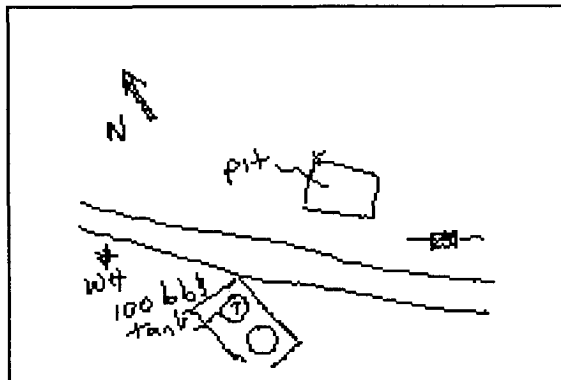
Operator:

API

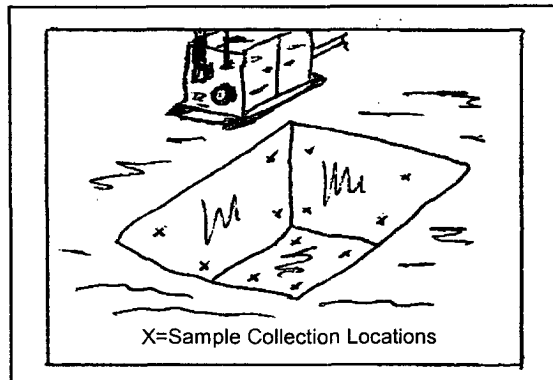
Well Name:

Meter: 38006

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 16 Ft.
Width 16 Ft.
Depth 1 Ft.

Location of Pit Center

Latitude 36 53.596 N
Longitude 07 44.101 W
(NAD 1927)

Pit ID

380061

Pit Type

Unknown

Date Closure Started: 11/29/05

Date Closure Completed: 11/29/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 43

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
122529NOV05	11/29/05		6.685	0	4800	EX Confirm	Flr	8
122729NOV05	11/29/05		0.25	0	163	EX Confirm	Walls	8
162907NOV05	11/7/05		1.1837	0.0887	72200	ASSESS	Flr	3.5

ANALYTICAL RESULTS

Project: 601730
Project ID: NM Pits 4th QTR 05
The solid samples are reported on a dry weight basis.

Lab ID: 601730001 Date Collected: 11/07/05 16:29 Matrix: Solid
Sample ID: 162907NOV05 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	88.7	ug/kg	61.5	1	11/09/05 15:01	SHF	11/10/05 01:15	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	61.5	1	11/09/05 15:01	SHF	11/10/05 01:15	SHF	100-41-4		
Toluene	615	ug/kg	61.5	1	11/09/05 15:01	SHF	11/10/05 01:15	SHF	108-88-3		
Xylene (Total)	480	ug/kg	185	1	11/09/05 15:01	SHF	11/10/05 01:15	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	5458	%	73-117	1	11/09/05 15:01	SHF	11/10/05 01:15	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	19.2	%	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	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	94114-58-6		
Kerosene	ND	mg/kg	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	8030-30-6		
Motor Oil	ND	mg/kg	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	64742-65-0		
Total Petroleum Hydrocarbons	72200	mg/kg	243	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR			4
n-Tetracosane (S)	127	%	69-140	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	646-31-1		
p-Terphenyl (S)	76	%	76-140	20	11/11/05 00:00	JDM	11/14/05 12:10	CPR	92-94-4		

Date: 11/14/2005

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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: 602639009	Date Collected: 11/29/05 12:25	Matrix: Solid
Sample ID: 122529NOV05	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	116	2	12/09/05 14:54	SHF	12/10/05 15:46	SHF	71-43-2		
Ethylbenzene	432	ug/kg	116	2	12/09/05 14:54	SHF	12/10/05 15:46	SHF	100-41-4		
Toluene	513	ug/kg	116	2	12/09/05 14:54	SHF	12/10/05 15:46	SHF	108-88-3		
Xylene (Total)	5740	ug/kg	349	2	12/09/05 14:54	SHF	12/10/05 15:46	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	80	%	73-117	2	12/09/05 14:54	SHF	12/10/05 15:46	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	14.1	%	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	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	94114-58-6		
Kerosene	ND	mg/kg	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	8030-30-6		
Motor Oil	ND	mg/kg	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	64742-65-0		
Total Petroleum Hydrocarbons	4800	mg/kg	23.1	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR			2
n-Tetracosane (S)	131	%	69-140	2	12/08/05 00:00	BAG	12/12/05 17:42	CPR	646-31-1		
p-Terphenyl (S)	138	%	76-140	2	12/08/05 00:00	BAG	12/12/05 17:42	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: 602639010 Date Collected: 11/29/05 12:27 Matrix: Solid
Sample ID: 122729NOV05 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	56.3	1	12/09/05 14:54	SHF	12/10/05 16:12	SHF	71-43-2		
Ethylbenzene	ND	ug/kg	56.3	1	12/09/05 14:54	SHF	12/10/05 16:12	SHF	100-41-4		
Toluene	ND	ug/kg	56.3	1	12/09/05 14:54	SHF	12/10/05 16:12	SHF	108-88-3		
Xylene (Total)	250	ug/kg	169	1	12/09/05 14:54	SHF	12/10/05 16:12	SHF	1330-20-7		
a,a,a-Trifluorotoluene (S)	91	%	73-117	1	12/09/05 14:54	SHF	12/10/05 16:12	SHF	98-08-8		

Wet Chemistry

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	12.7	%	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	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	68334-30-5		
Fuel Oil	ND	mg/kg	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	68553-00-4		
Jet Fuel	ND	mg/kg	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	94114-58-6		
Kerosene	ND	mg/kg	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	8008-20-6		
Mineral Spirits	ND	mg/kg	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	8030-30-6		
Motor Oil	ND	mg/kg	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	64742-65-0		
Total Petroleum Hydrocarbons	163	mg/kg	11.3	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR			2
n-Tetracosane (S)	131	%	69-140	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	646-31-1		
p-Terphenyl (S)	126	%	76-140	1	12/08/05 00:00	BAG	12/12/05 16:58	CPR	92-94-4		

Date: 12/15/2005

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