

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 ☐

(WPS CLOSURE)

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

Operator: BURLINGTON RESOURCES OIL & GAS CO Telephone: _____ e-mail address: _____
Address: 801 CHERRY ST FORT WORTH, TX 76102
Facility or well name: HILLSTROM #001 API #: 30-045-60003 U/L or Qtr/Qtr N SEC 35 T 32N R 12W
County: SAN JUAN Latitude 36.93753 Longitude -108.06726 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 77 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):

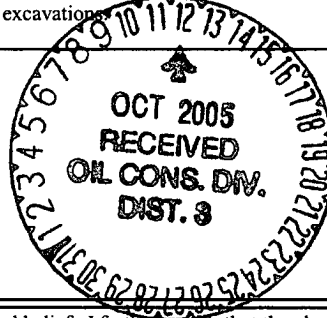
0

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:

Bedrock

Meter: 34115



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 Mr. Zing, FOR WPS

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 Hunt

OCT 12 2005

ADDENDUM TO OCD FORM C-144

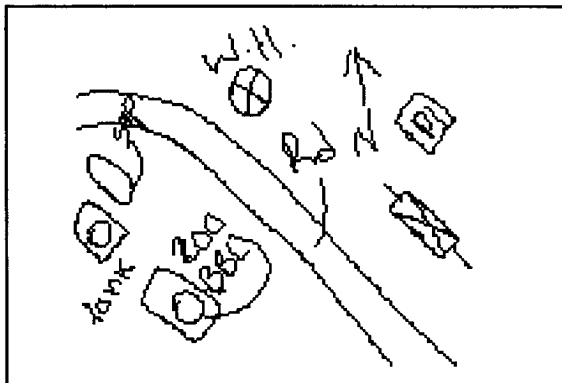
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

API 30-045-60003

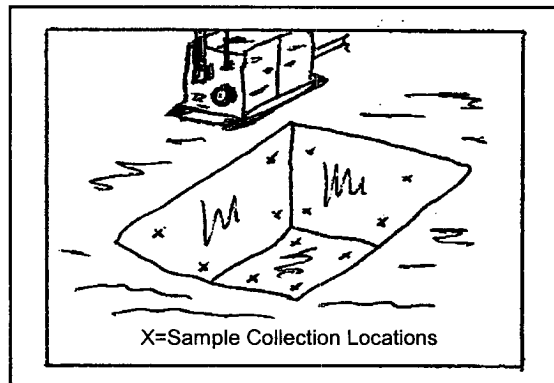
Well Name: HILLSTROM #001

Meter: 34115

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 12 Ft.

Width 12 Ft.

Depth 3 Ft.

Location of Pit Center

Latitude 36.93723

Longitude -108.06695

(NAD 1927)

Pit ID

341151

Pit Type

Unknown

Date Closure Started: 4/27/04

Date Closure Completed: 4/27/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 96

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
090927APR04	4/27/04		1.72	0	310	EX Confirm	Walls	7
091227APR04	4/27/04		69.45	0.35	960	EX Confirm	Flr	8
122920JUN03	6/20/03		142.6	2.4	4800	ASSESS	Flr	3

See Risk Analysis

Lab Project Number: 6071995
Client Project ID: N.M. Pit Program

Lab Sample No: 606198281 Project Sample Number: 6071995-002 Date Collected: 06/20/03 12:29
Client Sample ID: 122920JUN03 Matrix: Soil Date Received: 06/26/03 10:03

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	06/30/03 18:22	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	06/30/03 18:22	RMN1			
Kerosene	ND	mg/kg	11.	1.1	06/30/03 18:22	RMN1			
Diesel Fuel	4800	mg/kg	11.	1.1	06/30/03 18:22	RMN1	68334-30-5	1	
Fuel Oil	ND	mg/kg	11.	1.1	06/30/03 18:22	RMN1	68334-30-5		
Motor Oil	ND	mg/kg	11.	1.1	06/30/03 18:22	RMN1			
n-Tetracosane (S)	445	%		1.0	06/30/03 18:22	RMN1	646-31-1	2	
p-Terphenyl (S)	109	%		1.0	06/30/03 18:22	RMN1	92-94-4		
Date Extracted	06/30/03				06/30/03				

Organics Prep

Percent Moisture	Method: SM 2540G								
Percent Moisture	11.4	%		1.0	07/01/03	MAM			

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	2400	ug/kg	560	11.3	06/30/03 11:27	ARF	71-43-2		
Ethylbenzene	8200	ug/kg	560	11.3	06/30/03 11:27	ARF	100-41-4		
Toluene	22000	ug/kg	560	11.3	06/30/03 11:27	ARF	108-88-3		
Xylene (Total)	110000	ug/kg	1400	11.3	06/30/03 11:27	ARF	1330-20-7		
a,a,a-Trifluorotoluene (S)	44	%		1.0	06/30/03 11:27	ARF	98-08-8	3,4	

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6082051

Client Project ID: N.M. Pit Program

Solid results are reported on a dry weight basis

Lab Sample No: 607072220

Project Sample Number: 6082051-001

Date Collected: 04/27/04 09:12

Client Sample ID: 091227APR04

Matrix: Soil

Date Received: 05/04/04 09:15

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 05/06/04 20:41 RMN1				
Jet Fuel	ND	mg/kg	11.		1.1 05/06/04 20:41 RMN1				
Kerosene	ND	mg/kg	11.		1.1 05/06/04 20:41 RMN1				
Diesel Fuel	960	mg/kg	11.		1.1 05/06/04 20:41 RMN1		68334-30-5	1	
Fuel Oil	ND	mg/kg	11.		1.1 05/06/04 20:41 RMN1		68334-30-5		
Motor Oil	ND	mg/kg	11.		1.1 05/06/04 20:41 RMN1				
n-Tetracosane (S)	165	%			1.0 05/06/04 20:41 RMN1		646-31-1	2	
p-Terphenyl (S)	97	%			1.0 05/06/04 20:41 RMN1		92-94-4		
Date Extracted	05/05/04				05/05/04				

Organics Prep

Percent Moisture

Method: SM 2540G

Percent Moisture

7.3 %

1.0 05/05/04 DPB

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

Benzene	350	ug/kg	220		4.3 05/05/04 12:02 ARF		71-43-2		
Ethylbenzene	4100	ug/kg	220		4.3 05/05/04 12:02 ARF		100-41-4		
Toluene	17000	ug/kg	220		4.3 05/05/04 12:02 ARF		108-88-3		
Xylene (Total)	48000	ug/kg	540		4.3 05/05/04 12:02 ARF		1330-20-7		
a,a,a-Trifluorotoluene (S)	80	%			1.0 05/05/04 12:02 ARF		98-08-8		

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Lab Project Number: 6082051
Client Project ID: N.M. Pit Program

Lab Sample No: 607072238 Project Sample Number: 6082051-002 Date Collected: 04/27/04 09:09
Client Sample ID: 090927APR04 Matrix: Soil Date Received: 05/04/04 09:15

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	05/06/04 20:55	RMN1			
Jet Fuel	ND	mg/kg	11.	1.1	05/06/04 20:55	RMN1			
Kerosene	ND	mg/kg	11.	1.1	05/06/04 20:55	RMN1			
Diesel Fuel	ND	mg/kg	11.	1.1	05/06/04 20:55	RMN1	68334-30-5		
Fuel Oil	ND	mg/kg	11.	1.1	05/06/04 20:55	RMN1	68334-30-5		
Motor Oil	310	mg/kg	11.	1.1	05/06/04 20:55	RMN1		3	
n-Tetracosane (S)	127	%		1.0	05/06/04 20:55	RMN1	646-31-1		
p-Terphenyl (S)	108	%		1.0	05/06/04 20:55	RMN1	92-94-4		
Date Extracted	05/05/04				05/05/04				

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 8.2 % 1.0 05/05/04 DPB

GC Volatiles

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

Benzene	ND	ug/kg	54.	1.1	05/04/04 17:10	ARF	71-43-2
Ethylbenzene	120	ug/kg	54.	1.1	05/04/04 17:10	ARF	100-41-4
Toluene	400	ug/kg	54.	1.1	05/04/04 17:10	ARF	108-88-3
Xylene (Total)	1200	ug/kg	140	1.1	05/04/04 17:10	ARF	1330-20-7
a,a,a-Trifluorotoluene (S)	87	%		1.0	05/04/04 17:10	ARF	98-08-8

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