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

_ Signature _

State of New Mexico **Energy Minerals and Natural Resources**

For drilling and production facilities, submit to appropriate NMOCD District Office.

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For downstream facilities, submit to Santa Fe

Form C-144

June 1, 2004

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes 🛛 No 🗌 Type of action: Registration of a pit or below-grade tank \(\Boxed{\Boxesia}\) Closure of a pit or below-grade tank \(\Boxed{\Boxesia}\) Telephone: (505) 326-9841 Operator: Burlington Resources e-mail address: LHasely@br-inc.com Address: 3401 East 30th Street, Farmington, New Mexico, 87402 Facility or well name: Nordhaus No. 5 API #: 30045108440000 __ U/L or Qtr/Qtr __M_ Sec __12 _T__31N _R 9W -107.73854 NAD: 1927 **□** 1983 **□** County: San Juan Latitude 36.90761 Longitude Surface Owner: Federal ☑ State ☐ Private ☐ Indian ☐ Below-grade tank Type: Drilling Production Disposal Volume: 40 bbl Type of fluid: Produced Water and Incidental Oil Workover ☐ Emergency ☐ Construction material: Fiberglass Lined Unlined Double-walled, with leak detection? Yes If not, explain why not. Liner type: Synthetic Thickness mil Clay Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more (0 points) 20 Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic No 0 (0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points) irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) 10 30 **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 your 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: Below Grade Tank A Maximum Practical Extent of Excavation Reached at 18' Depth, Encountered Sandstone. BTEX Lab Analysis Attached. 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: 3/2/06 Printed Name/Title Mr. Ed Hasely, Environmental Advisor 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. MAR 0 6 2006 CERTIFICA & GAS INSTACTICA, CUST. (M Printed Name/Title

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CLIENT: Burlington	£	NVIROTECH,	INC.		LOCA	ATION NO]:	
Resources		ONMENTAL SCIENTISTS & 5796 U.S. HIGHWAY 64 ARMINGTON, NEW MEXIC PHONE: (505) 632-0	1-3014 CO 87401			C.O.C. NC]:	
FIELD REPOR	T: CLOS	SURE VE	RIFICA	TION	PAGE	No: <u>1</u>	of _	1
LOCATION: <u>name: Nordh</u> quad/unit: M sec:				CT CTAIM	- הידר	STARTED:	1/25/05	
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NMOCD RANKING SCORE: 30			PPM			ECK <u>ON</u> ABANDON		
SOIL AND EXCAVATIO	N DESCRIPTION	71A:		<u></u>	STEE	L TANK	INSTAL	LE
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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Burlington Resources

Project #:

92115-021-095

Sample No.:

1

Date Reported:

8/11/2005

Sample ID:

Bottom @ 18' depth

Date Sampled:

8/10/2005

Sample Matrix:

Soil

Date Analyzed:

8/10/2005

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

1,220

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Nordhaus No. 5, BGT A

Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Burlington Resources

92115-021-095

Sample No.:

2

Date Reported:

Project #:

8/11/2005

Sample ID:

Walls, 4 Pt Composite

Date Sampled:

8/10/2005

Sample Matrix:

Soil

Date Analyzed:

8/10/2005

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

27.8

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Nordhaus No. 5, BGT A

Analyst

Review(



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington Resources	Project #:	92115-021-095
Sample ID:	18' Bottom	Date Reported:	08-12-05
Laboratory Number:	34031	Date Sampled:	08-10-05
Chain of Custody:	14380	Date Received:	08-10-05
Sample Matrix:	Soil	Date Analyzed:	08-12-05
Preservative:	Cool	Date Extracted:	08-11-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	2.1	
Toluene	4.9	1.8	
Ethylbenzene	ND	1.7	
p,m-Xylene	49.2	1.5	
o-Xylene	10.5	2.2	
Total BTEX	64.6		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery	
	Fluorobenzene	98.0 %	
	1,4-difluorobenzene	98.0 %	
	Bromochlorobenzene	98.0 %	

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Nordhaus No. 5.

Analyst

Mister Mulalters Review



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Burlington Resources	Project #:	92115-001-15463
Sample ID:	Nordhaus #5	Date Reported:	02-18-06
Laboratory Number:	36253	Date Sampled:	02-15-06
Chain of Custody No:	15463	Date Received:	02-15-06
Sample Matrix:	Soil	Date Extracted:	02-16-06
Preservative:	Cool	Date Analyzed:	02-18-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Landfarm (BGT 2005) PID 11.3

Analyst C. African

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