

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 ☐

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

Operator: <u>Burlington Resources</u> Telephone: <u>(505) 326-9841</u> e-mail address: <u>Louis.E.Hasely@conocophillips.com</u>		
Address: <u>3401 East 30th Street, Farmington, New Mexico, 87402</u>		
Facility or well name: <u>Scott #10</u>	API #: <u>3004521821</u>	U/L or Qtr/Qtr <u>M</u> Sec <u>4</u> T <u>31N</u> R <u>10W</u>
County: <u>San Juan</u>	Latitude <u>36.92242</u>	Longitude <u>-107.89218</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: <u>20</u> bbl Type of fluid: <u>Produced Water and Incidental Oil</u> Construction material: <u>Fiberglass</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>No. Tank in place prior to Rule 50.</u>	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(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	(20 points)
	No	(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	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) 10
Ranking Score (Total Points)		10

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:	
Soil passed 418.1 standard of 1000 ppm and BTEX standard of 100 ppm. No excavation needed.	RCVD JUL26'07 OIL CONS. DIV. DIST. 3

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: 7/24/07

Printed Name/Title Mr. Ed Hasely, Environmental Advisor

Signature [Signature]

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 _____

Signature [Signature]

Date: AUG 30 2007

Deputy Oil & Gas Inspector,
District #3

CLIENT: <u>Burlington</u>	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5706 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE (505) 632-0615</small>	LOCATION NO: _____ C.O.C. NO: _____																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: _____ of _____																								
LOCATION: NAME <u>Scott</u> WELL # <u>10</u> PIT: _____ QUAD/UNIT: <u>m</u> SEC <u>4</u> TWP <u>31N</u> RNG <u>10W</u> PM CNTY: <u>STJNM</u> QTR/FOOTAGE: _____ CONTRACTOR: _____		DATE STARTED <u>6/11/07</u> DATE FINISHED <u>6/11/07</u> ENVIRONMENTAL SPECIALIST: <u>TICK</u>																								
EXCAVATION APPROX <u>0</u> FT. x <u>0</u> FT. x <u>0</u> FT. DEEP. CUBIC YARDAGE: <u>0</u> DISPOSAL FACILITY: <u>N/A</u> REMEDIATION METHOD: <u>N/A</u> LAND USE: _____ LEASE: <u>3004521821</u> FORMATION: _____																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>28</u> FT. <u>30°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>200-1000'</u> NMDCD RANKING SCORE: <u>10</u> NMDCD TPH CLOSURE STD: <u>1000</u> PPM SOIL AND EXCAVATION DESCRIPTION: _____																										
CHECK ONE: <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED																										
FIELD 418.1 CALCULATIONS																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE ID</th> <th>LAB No.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr> <td></td> <td><u>200 Standard</u></td> <td></td> <td></td> <td></td> <td></td> <td><u>193</u></td> <td><u>193</u></td> </tr> <tr> <td><u>9:46</u></td> <td><u>Bottom 4'</u></td> <td></td> <td><u>5</u></td> <td><u>20</u></td> <td><u>4</u></td> <td><u>212</u></td> <td><u>848</u></td> </tr> </tbody> </table>			TIME	SAMPLE ID	LAB No.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm		<u>200 Standard</u>					<u>193</u>	<u>193</u>	<u>9:46</u>	<u>Bottom 4'</u>		<u>5</u>	<u>20</u>	<u>4</u>	<u>212</u>	<u>848</u>
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SCALE 0 FT	PIT PERIMETER <div style="font-size: 2em; margin-top: 20px;">10</div> <div style="text-align: center; margin-top: 20px;"> </div>	OVM RESULTS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 <u>Bottom</u></td><td><u>474</u></td></tr> <tr><td>2 <u>4'</u></td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> </tbody> </table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td><u>Bottom 4'</u></td><td><u>8021</u></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 <u>Bottom</u>	<u>474</u>	2 <u>4'</u>		3		4		5		SAMPLE ID	ANALYSIS	TIME	<u>Bottom 4'</u>	<u>8021</u>							
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PIT PROFILE 																										
TRAVEL NOTES. CALLOUT: _____ ONSITE: _____																										

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: Burlington
Sample No.: 1
Sample ID: Bottom 4' BGS
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 92115-121-193
Date Reported: 6/11/2007
Date Sampled: 6/11/2007
Date Analyzed: 6/11/2007
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons

848


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: **Scott #10**

Instrument calibrated to 200 ppm standard. Zeroed before each sample.


Analyst

Torie Thompson
Printed


Review

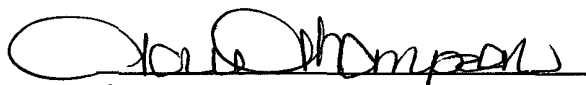
Greg Crabtree
Printed

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 11-Jun-07


Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	193
	200	
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.


Analyst

7/9/07
Date

Torie Thompson
Print Name


Review

7/9/07
Date

Greg Crabtree
Print Name

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington Resources	Project #:	92115-121-193
Sample ID:	Bottom 4' BGS	Date Reported:	06-12-07
Laboratory Number:	41863	Date Sampled:	06-11-07
Chain of Custody:	2788	Date Received:	06-11-07
Sample Matrix:	Soil	Date Analyzed:	06-12-07
Preservative:	Cool	Date Extracted:	06-11-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	31.7	1.8
Toluene	981	1.7
Ethylbenzene	517	1.5
p,m-Xylene	2,660	2.2
o-Xylene	809	1.0
Total BTEX	5,000	

ND - Parameter not detected at the stated detection limit.

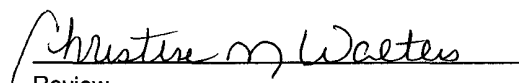
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Scott #10


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-12-BTEX QA/QC	Date Reported:	06-12-07
Laboratory Number:	41856	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-12-07
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	2.3055E+007	2.3101E+007	0.2%	ND	0.2
Toluene	2.2698E+007	2.2743E+007	0.2%	ND	0.2
Ethylbenzene	1.8813E+007	1.8851E+007	0.2%	ND	0.2
p,m-Xylene	3.9801E+007	3.9881E+007	0.2%	ND	0.2
o-Xylene	1.7691E+007	1.7727E+007	0.2%	ND	0.1


Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	131	130	0.4%	0 - 30%	1.7
Ethylbenzene	442	441	0.2%	0 - 30%	1.5
p,m-Xylene	4,590	4,580	0.2%	0 - 30%	2.2
o-Xylene	1,480	1,470	0.6%	0 - 30%	1.0

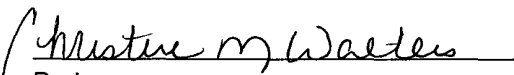
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	131	50.0	180	99.7%	46 - 148
Ethylbenzene	442	50.0	491	99.8%	32 - 160
p,m-Xylene	4,590	100	4,680	99.8%	46 - 148
o-Xylene	1,480	50.0	1,530	100.0%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 41856, 41863


Analyst


Review

2788

san juan reproduction 578-129

Client: <u>Burlington</u>	<u>ENVIROTECH INC</u> ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 - 3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615	Location No: C.O.C. No:
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FIELD REPORT: NORM TESTING VERIFICATION	PAGE NO: _____ OF _____
LOCATION: NAME: <u>C Scott</u> WELL #: <u>10</u>	DATE STARTED: <u>6/11/07</u>
QUAD/UNIT: SEC: <u>4</u> TWP: <u>31N</u> RNG: <u>10W</u> PM: <u>nm</u> CNTY: <u>SJST</u> ST: <u>nm</u>	DATE FINISHED: <u>10/11/07</u>
QTR/FOOTAGE: <u>800'S 1000' LL</u> CONTRACTOR: <u>Bailey's</u>	ENVIRONMENTAL SPECIALIST: <u>TKT</u>

BACKGROUND READING .04 mR/hr

ALLOWABLE CONCENTRATION (1.5 TIMES BACKGROUND) .06 mR/hr

TIME	SAMPLE I.D.	CONCENTRATION	UNITS
	<u>3X8 Fiberglass tank</u>	<u>.06</u>	<u>mR/hr</u>

NOTES:

COMMENTS:

Analyst Signature

6/11/07
 Date

Torie Thompson
 Printed Name

Röntgen:	0.0838
Rem:	1
Sievert:	0.01
Coulomb/kilogram:	2.16E-05
Microcoulomb/kilogram:	21.6204
Millicoulomb/kilogram:	0.02162
Rep:	0.0838
Parker:	0.0838