

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>LHaselv@br-inc.com</u>		
Address: <u>3401 East 30th Street, Farmington, New Mexico, 87402</u>		
Facility or well name: <u>Nageezi No. 5</u>	API #: <u>3004523885</u>	U/L or Qtr/Qtr <u>E</u> Sec <u>12</u> T <u>29N</u> R <u>9W</u>
County: <u>San Juan</u>	Latitude <u>36.418416</u>	Longitude <u>-107.74679</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>80</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)
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)
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)
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:
BTEX Lab analysis is attached.
<u>Soil tested clean. No remediation necessary.</u>

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: 10/5/06

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: DEPUTY OIL & GAS INSPECTOR, DIST. 8

Printed Name/Title _____ Signature [Signature]

Date: OCT 18 2006

CLIENT: <u>Burlington Resources</u>	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615</small>	LOCATION NO: _____ C.O.C. NO: _____
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<h2 style="margin:0">FIELD REPORT: CLOSURE VERIFICATION</h2>	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>Nageezi</u> WELL #: <u>5</u> PIT: _____ QUAD/UNIT: <u>E</u> SEC: <u>12</u> TWP: <u>29N</u> RNG: <u>9W</u> PM: <u>NMM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: _____ CONTRACTOR: <u>Bailey's</u>	DATE STARTED: <u>8/25/06</u> DATE FINISHED: <u>8/25/06</u> ENVIRONMENTAL SPECIALIST: <u>JT</u>
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EXCAVATION APPROX. _____ FT. x _____ FT. x _____ FT. DEEP.	CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>N/A</u>	REMEDIALATION METHOD: _____
LAND USE: _____	LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>110'</u> FT. <u>263'</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>0</u> NEAREST WATER SOURCE: <u>0</u> NEAREST SURFACE WATER: <u>10</u>
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NMOC RANKING SCORE: <u>10</u> NMOC TPH CLOSURE STD: <u>1000</u> PPM <u>SOIL AND EXCAVATION DESCRIPTION:</u>	CHECK ONE : <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED
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Slight odor present. BTEX Sample taken. No soil removed from site.

SCALE

0 FT

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1240	3' Below	1	5	20	1	78	312

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3' Below	175
2	
3	
4	
5	

PIT PROFILE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-046-033
Sample No.:	1	Date Reported:	9/18/2006
Sample ID:	Discrete, 3' Below BG Tanl	Date Sampled:	8/25/2006
Sample Matrix:	Soil	Date Analyzed:	8/25/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	312	5.0

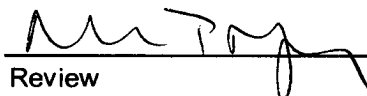
ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis and Waste, USEPA Storet No. 4551, 1978.

Comments: **Nageezi No. 5**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst



Review

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 25-Aug-06

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	212
	200	
	500	
	1000	

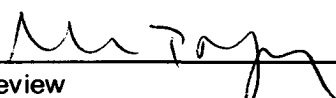
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



Analyst

18-Sept-06

Date



Review

9/18/06

Date

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington Resources	Project #:	92115-001-1392
Sample ID:	Bottom @ 9'	Date Reported:	08-28-06
Laboratory Number:	38296	Date Sampled:	08-25-06
Chain of Custody:	1392	Date Received:	08-25-06
Sample Matrix:	Soil	Date Analyzed:	08-28-06
Preservative:	Cool	Date Extracted:	08-25-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	6.8	1.8
Toluene	7.0	1.7
Ethylbenzene	33.0	1.5
p,m-Xylene	127	2.2
o-Xylene	33.6	1.0
Total BTEX	207	

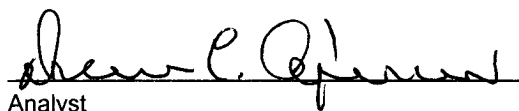
ND - Parameter not detected at the stated detection limit.

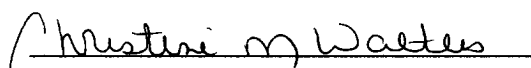
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Nageezi #5


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-28-BTEX QA/QC	Date Reported:	08-28-06
Laboratory Number:	38287	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-28-06
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	5.5347E+007	5.5458E+007	0.2%	ND	0.2
Toluene	9.6029E+007	9.6222E+007	0.2%	ND	0.2
Ethylbenzene	4.2697E+007	4.2783E+007	0.2%	ND	0.2
p,m-Xylene	1.6909E+008	1.6942E+008	0.2%	ND	0.2
o-Xylene	9.3380E+007	9.3567E+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	11.8	11.7	0.8%	0 - 30%	1.7
Ethylbenzene	18.6	18.4	1.1%	0 - 30%	1.5
p,m-Xylene	56.6	56.4	0.4%	0 - 30%	2.2
o-Xylene	13.1	13.0	0.8%	0 - 30%	1.0

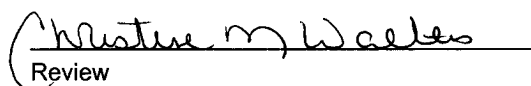
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	11.8	50.0	61.7	99.8%	46 - 148
Ethylbenzene	18.6	50.0	68.5	99.9%	32 - 160
p,m-Xylene	56.6	100	156	99.9%	46 - 148
o-Xylene	13.1	50.0	63.0	99.8%	46 - 148

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 38287 - 38288, 38291, 38295 - 38297


Analyst


Review

1392

san juan reproduction 578-129