

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 ☒

Tank C

Operator: <u>Burlington Resources</u> Telephone: <u>(505) 326-9841</u> e-mail address: <u>LHasely@br-inc.com</u>	
Address: <u>3401 East 30th Street, Farmington, New Mexico, 87402</u>	
Facility or well name: <u>Reid No. 23</u> API #: <u>3004574370000</u>	U/L or Qtr/Qtr <u>L</u> Sec <u>17</u> T <u>28N</u> R <u>9W</u>
County: <u>San Juan</u> Latitude <u>36.6591</u> Longitude <u>-107.81695</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 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 <u> </u> mil Clay <input type="checkbox"/> Pit Volume <u> </u> bbl	Below-grade tank Volume: <u>40</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) 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:
<u>Below Grade Tank C</u>
BTEX Lab Analysis Attached.
The soils tested clean and no soil remediation was required. <u>Soils were excavated to 14 ft but were later determined to meet closure standards.</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: 5/19/05

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. IV

Printed Name/Title [Signature] Signature

Date: MAY 24 2005

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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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>Reid</u> WELL #: <u>23</u> PIT: _____ QUAD/UNIT: <u>L</u> SEC: <u>17</u> TWP: <u>28N</u> RNG: <u>9W</u> PM: <u>NMPM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: _____ CONTRACTOR: <u>Bailey's Welding</u>	DATE STARTED: <u>5/6/05</u> DATE FINISHED: <u>5/6/05</u> ENVIRONMENTAL SPECIALIST: <u>MPM</u>
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EXCAVATION APPROX. _____ FT. x _____ FT. x _____ FT. DEEP.	CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>N/A</u>	REMEDIAATION METHOD: _____
LAND USE: _____	LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>65'</u> FT. <u>315°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>0</u> NEAREST WATER SOURCE: <u>0</u> NEAREST SURFACE WATER: <u>0</u> NMDCD RANKING SCORE: <u>0</u> NMDCD TPH CLOSURE STD: <u>5000</u> PPM
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SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE : <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED
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On arrival B&T had been removed but excavation had already been completed to 14' total depth. Soil shows signs of contamination. Sample taken at 14' depth passed but grabbed BTEX sample for analysis at lab. No soil removed from site.

SCALE

0 FT

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1045	14' TD	1	5	20	10	0.058	4025
1055	4 Pt Walls	1	5	20	1	0.075	521

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 14' TD	617 ppm
2 4 Pt Walls	86 ppm
3	
4	
5	

PIT PROFILE

o = 4 Pt of Walls
x = Bottom sample

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 #:	92115-021-050
Sample No.:	1	Date Reported:	5/10/2005
Sample ID:	Discrete, 12' Below BG Tank	Date Sampled:	5/6/2005
Sample Matrix:	Soil	Date Analyzed:	5/6/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	4,020	50.0
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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: **Reid No. 23, BGT C**

Analyst



Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington Resources	Project #:	92115-021-050
Sample ID:	Pit C - Bottom (12')	Date Reported:	05-09-05
Laboratory Number:	32901	Date Sampled:	05-06-05
Chain of Custody:	14017	Date Received:	05-06-05
Sample Matrix:	Soil	Date Analyzed:	05-09-05
Preservative:	Cool	Date Extracted:	05-06-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	111	2.1
Toluene	205	1.8
Ethylbenzene	716	1.7
p,m-Xylene	2,120	1.5
o-Xylene	1,160	2.2
Total BTEX	4,300	

ND - Parameter not detected at the stated detection limit.

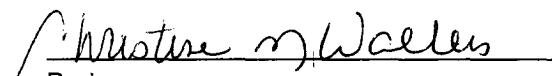
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Reid 23.


Analyst


Review

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Burlington Resources	Project #:	92115-021-050
Sample No.:	2	Date Reported:	5/10/2005
Sample ID:	4 Point Composite of Walls	Date Sampled:	5/6/2005
Sample Matrix:	Soil	Date Analyzed:	5/6/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	520	5.0
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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: **Reid No. 23, BGT C**

Analyst



Review