

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: Burlington Resources Telephone: (505) 326-9841 e-mail address: LHasely@br-inc.com
Address: 3401 East 30th Street, Farmington, New Mexico, 87402
Facility or well name: Teel No. 1 API #: 30045107600000 U/L or Qtr/Qtr H Sec 13 T 31N R 9W
County: San Juan Latitude 36.90052 Longitude -107.72614 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
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 _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: <u>60</u> bbl Type of fluid: <u>Produced Water and Incidental Oil</u> Construction material: <u>Fiberglass</u> Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> 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	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points) 20
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)		30

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>Soils directly beneath the tank were impacted. Excavated and landfarmed onsite approximately 30 cy. Lab analyses from bottom of excavation and of landfarm are attached.</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: 11/28/05

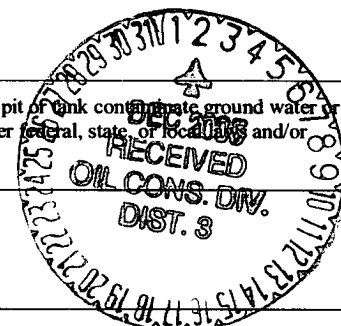
Printed Name/Title Mr. Ed Hasely, Environmental Advisor

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: [Signature]
Printed Name/Title DEPUTY OIL & GAS INSPECTOR DIST. 3

Date: DEC 02 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>Teel</u> WELL #: <u>1</u> PIT: _____ QUAD/UNIT: <u>H</u> SEC: <u>13</u> TWP: <u>31N</u> RNG: <u>9W</u> PM: <u>NMPM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1650' FNL</u> <u>990' FEL</u> CONTRACTOR: <u>L&R</u>	DATE STARTED: <u>7/12/05</u> DATE FINISHED: <u>7/12/05</u> ENVIRONMENTAL SPECIALIST: <u>MPM</u>
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EXCAVATION APPROX. <u>16</u> FT. x <u>17</u> FT. x <u>10</u> FT. DEEP.	CUBIC YARDAGE: <u>30 yds³</u>	
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDICATION METHOD: <u>LANDFARM</u>	
LAND USE: _____	LEASE: <u>SF-078508-A</u>	FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>78'</u> FT. <u>0°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>20</u> NEAREST WATER SOURCE: <u>0</u> NEAREST SURFACE WATER: <u>10</u> NMCD RANKING SCORE: <u>30</u> NMCD TPH CLOSURE STD: <u>100</u> PPM
SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;"> CHECK ONE: <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED </div>	

Visible contamination beneath BGT. Ended about 2.5' below BGT. Excavated to 10' depth. Approx. 30 yds³ will be land-farmed on-site.

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1355	3' below	1	5	20	1	0.122	847
1411	10' total depth	1	5	20	1	0.002	13.9



PIT PERIMETER

OVM RESULTS

PIT PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3' below	16 ppm
2 10' TD	0 ppm
3	
4	
5	

SAMPLE ID	ANALYSIS	TIME

x = 10' TD Sample

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

Client:	Burlington Resources	Project #:	92115-021-105
Sample No.:	1	Date Reported:	7/18/2005
Sample ID:	Discrete, 3' Below BG Tank	Date Sampled:	7/18/2005
Sample Matrix:	Soil	Date Analyzed:	7/18/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	847	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: **Teel No. 1**

Soil was excavated.



Analyst



Review

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Burlington Resources	Project #:	92115-021-105
Sample No.:	2	Date Reported:	7/18/2005
Sample ID:	Discrete, 10' Total Depth	Date Sampled:	7/18/2005
Sample Matrix:	Soil	Date Analyzed:	7/18/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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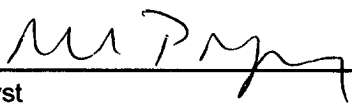
Total Petroleum Hydrocarbons	13.9	5.0
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ND = Parameter not detected at the stated detection limit.

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

Comments: **Teel No. 1**

Bottom of Excavation



Analyst



Review

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	Burlington Resources	Project #:	92115-001-14848
Sample ID:	Teel #1	Date Reported:	11-04-05
Laboratory Number:	34885	Date Sampled:	10-25-05
Chain of Custody No:	14848	Date Received:	11-02-05
Sample Matrix:	Soil	Date Extracted:	11-03-05
Preservative:	Cool	Date Analyzed:	11-03-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

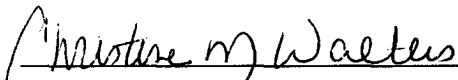
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	27.2	0.1
Total Petroleum Hydrocarbons	27.2	0.2

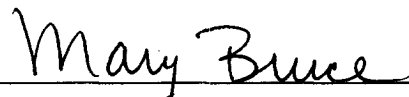
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Landfarm (BG Tank Project).**

PID = 3.6


Analyst


Review