

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>LHasely@br-inc.com</u>		
Address: <u>3401 East 30<sup>th</sup> Street, Farmington, New Mexico, 87402</u>		
Facility or well name: <u>Garrett Federal Com 2 No. 1</u> API #: <u>30045130860000</u> U/L or Qtr/Qtr <u>E</u> Sec <u>16</u> T <u>29N</u> R <u>11W</u>		
County: <u>San Juan</u> Latitude <u>36.72701</u> Longitude <u>-107.9491</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> 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	<b>Below-grade tank</b> 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 type="checkbox"/> If not, explain why not. <u>No. Tank in place prior to Rule 50.</u>	<u>1<sup>st</sup> Tank</u>
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 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 No	(20 points) ( 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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) ( 0 points) 20
<b>Ranking Score (Total Points)</b>		<b>40</b>

**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 Envirotech Landfarm 2. (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:
This closure packet references the first BG tank at Garrett Federal Com 2 No. 1.

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: 4/1/05

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:

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. 48

Signature [Signature]

Date:

APR - 4 2005

CLIENT: <u>Burlington Resources</u>	<b>ENVIROTECH INC.</b> <small>ENVIRONMENTAL SCIENTISTS &amp; ENGINEERS          5796 U.S. HIGHWAY 84-3014          FARMINGTON, NEW MEXICO 87401          PHONE: (505) 632-0615</small>	LOCATION NO: <u>      </u> C.O.C. NO: <u>      </u>
-------------------------------------	---	--

<h2 style="margin:0">FIELD REPORT: CLOSURE VERIFICATION</h2>	PAGE No: <u>1</u> of <u>1</u>
--	-------------------------------

LOCATION: NAME: <u>Garrett Federal Com</u> WELL #: <u>1</u> PIT: <u>      </u> QUAD/UNIT: <u>      </u> SEC: <u>13</u> TWP: <u>29N</u> RNG: <u>11W</u> PM: <u>NMM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>      </u> CONTRACTOR: <u>L &amp; R</u>	DATE STARTED: <u>2/24/05</u> DATE FINISHED: <u>2/25/05</u> ENVIRONMENTAL SPECIALIST: <u>MPM</u>
---	---

EXCAVATION APPROX. <u>12</u> FT. x <u>14</u> FT. x <u>15</u> FT. DEEP.	CUBIC YARDAGE: <u>40</u>	
DISPOSAL FACILITY: <u>Envirotech LF #2</u> REMEDIATION METHOD: <u>      </u>		
LAND USE: <u>      </u> LEASE: <u>NMM 020505</u> FORMATION: <u>      </u>		

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>108</u> FT. <u>358'</u> FROM WELLHEAD.	
DEPTH TO GROUNDWATER: <u>20</u>	NEAREST WATER SOURCE: <u>0</u>	NEAREST SURFACE WATER: <u>20</u>
NMOC RANKING SCORE: <u>40</u>	NMOC TPH CLOSURE STD: <u>100</u> PPM	

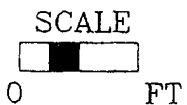
SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE: <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED
----------------------------------	--

1st BG Tank

Layer of dark contaminated soil under pit. Pit sits about 15' from wash edge. Talked w/ pumper, says he wants it relocated on-site. Passed at 15' total depth.

FIELD 418.1 CALCULATIONS

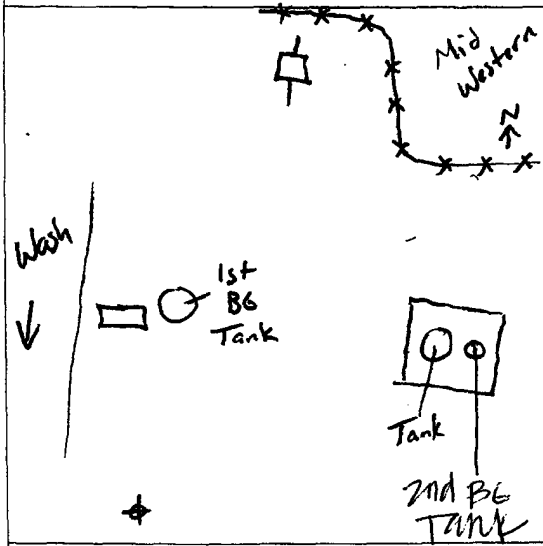
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1220	5 Pt Comp		5	20	1	0.014	97 ppm



PIT PERIMETER

OVM RESULTS

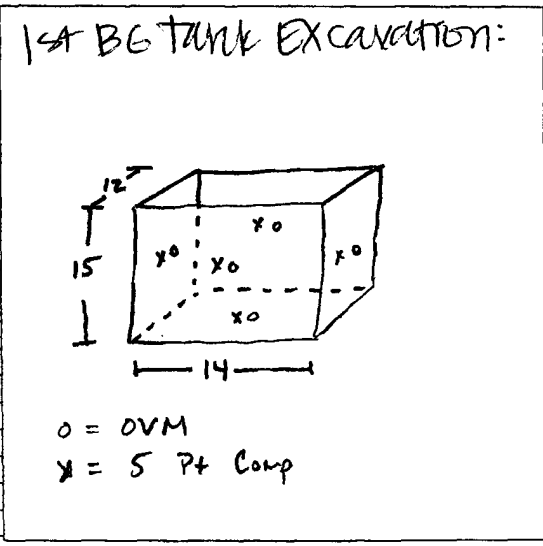
PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
13' Below	1019 ppm
2 12' TD	1160
3 15' TD	12
4 N Wall	3
5 S Wall	4
E Wall	6
W Wall	8
5 Pt Comp	11

SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES:	CALLOUT: <u>      </u>	ONSITE: <u>      </u>
---------------	------------------------	-----------------------

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

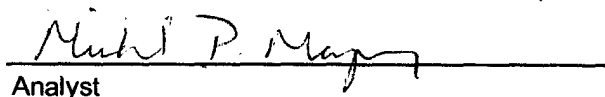
Client:	Burlington Resources	Project #:	92115-021-024
Sample No.:	1	Date Reported:	3/14/2005
Sample ID:	1st BG Tank, Five Point Composite @ 15' Depth	Date Sampled:	2/24/2005
Sample Matrix:	Soil	Date Analyzed:	2/24/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

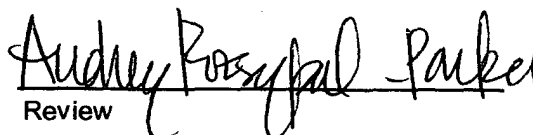
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	97.1	5.0

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: **Garrett Federal Com 2 No. 1, 1st BG Tank**

  
Analyst

  
Review