

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
301 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 B

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>Riddle No. 1R</u>	API #: <u>30045275640000</u>	U/L or Qtr/Qtr <u>D</u> Sec <u>4</u> T <u>30N</u> R <u>9W</u>	
County: <u>San Juan</u>	Latitude <u>36.84642</u>	Longitude <u>-107.79193</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"/>			
<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>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 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 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 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)	  10
<b>Ranking Score (Total Points)</b>			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:
Below Grade Tank B
The soils tested clean and no soil remediation was required.

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: 7/11/05

Printed Name/Title Mr. Ed Hasely, Environmental Advisor

Signature Ed Hasely

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.

Oil & Gas Inspector, Dist. 10

Printed Name/Title \_\_\_\_\_

Signature Denny

Date: JUL 15 2005

CLIENT: <u>Burlington Resources</u>	<b>ENVIROTECH INC.</b> <small>ENVIRONMENTAL SCIENTISTS &amp; 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>001</u> of <u>1</u>
LOCATION: NAME: <u>Riddle</u> WELL #: <u>1R</u> PIT: _____ QUAD/UNIT: <u>D</u> SEC: <u>4</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NMPM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>350' FNL</u> <u>775' FWL</u> CONTRACTOR: <u>LJR</u>		DATE STARTED: <u>7/7/05</u> DATE FINISHED: <u>7/7/05</u> ENVIRONMENTAL SPECIALIST: <u>NPM</u>

EXCAVATION APPROX. _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>N/A</u> REMEDIATION METHOD: _____
LAND USE: _____ LEASE: <u>SF 021098</u> FORMATION: <u>MV</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>78'</u> FT. <u>160°</u> FROM WELLHEAD.		
DEPTH TO GROUNDWATER: <u>0</u>	NEAREST WATER SOURCE: <u>0</u>	NEAREST SURFACE WATER: <u>10</u>
NMOC D RANKING SCORE: <u>10</u>	NMOC D TPH CLOSURE STD: <u>1000</u> PPM	
SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; border: 1px solid black; padding: 5px; width: 200px;"> CHECK ONE:  <input checked="" type="checkbox"/> PIT ABANDONED  <input type="checkbox"/> STEEL TANK INSTALLED </div>		

BGT B

~~BGT B~~ To north of BGT B is piping that appears to have been for adehy. No visible signs of contamination present. No soil removed from BGT B.

API 30045275640000  
SCALE  

0 FT

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1104	3' below	1	5	20	1	0.0076	52.7

PIT PERIMETER

OVM RESULTS

PIT PROFILE

	<table border="1" style="width:100%; text-align: center;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 3' below</td><td>2 ppm</td></tr> <tr><td>2</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>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 3' below	2 ppm	2		3		4		5		<p style="text-align: center;">x = 3' below</p>			
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TRAVEL NOTES: _____	CALLOUT: _____	ONSITE: _____
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**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Burlington Resources	Project #:	92115-021-099
Sample No.:	1	Date Reported:	7/7/2005
Sample ID:	Discreet, 3' Below BG Tank	Date Sampled:	7/7/2005
Sample Matrix:	Soil	Date Analyzed:	7/7/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

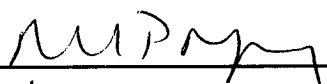
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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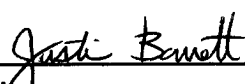
<b>Total Petroleum Hydrocarbons</b>	<b>52.7</b>	<b>5.0</b>
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ND = Parameter not detected at the stated detection limit.

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

Comments: **Riddle No. 1R, BGT B**

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review