

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

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>Louis E. Hasely@conocophillips.com</u>		
Address. <u>3401 East 30<sup>th</sup> Street, Farmington, New Mexico, 87402</u>		
Facility or well name <u>Huerfano Unit # 146</u>	API #. <u>3004505429</u>	U/L or Qtr/Qtr <u>A</u> Sec <u>13</u> T <u>25N</u> R <u>10W</u>
County. <u>San Juan</u>	Latitude <u>36 405627</u>	Longitude <u>-107.84323</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 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	<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>	
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) 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
Soil passed field TPH, BTEX results attached.

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 4/16/07

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.

Approval.

Printed Name/Title \_\_\_\_\_ Signature Bob Pull

Date

JUL 25 2007

Deputy Oil & Gas Inspector,  
District #3

RCVD APR27'07  
OIL CONS. DIV.  
DIST. 3

CLIENT: _____	<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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<b>FIELD REPORT: CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>Huerfano Unit</u> WELL #: <u>146</u> PIT: <u>Sep</u>		DATE STARTED <u>3/12/07</u> DATE FINISHED <u>3/13/07</u>
QUAD/UNIT <u>A</u> SEC <u>13</u> TWP <u>25N</u> RNG: <u>10W</u> PM <u>NMPM</u> CNTY: <u>ST.</u>		ENVIRONMENTAL SPECIALIST: <u>GWC</u>
QTR/FOOTAGE: _____ CONTRACTOR: _____		


EXCAVATION APPROX <u>0</u> FT. x <u>0</u> FT. x <u>0</u> FT. DEEP.	CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>N/A</u>	REMEDIALATION METHOD: <u>N/A</u>
LAND USE: <u>Grazing</u>	LEASE: <u>API 306 4505 429 0000</u> FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>65</u> FT. <u>207°</u> FROM WELLHEAD DEPTH TO GROUNDWATER: <u>&gt;100</u> NEAREST WATER SOURCE: <u>&gt;1,000</u> NEAREST SURFACE WATER: <u>200-1000</u> NMOC D RANKING SCORE: <u>10</u> NMOC D TPH CLOSURE STD: <u>1,000</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE : <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED

Soil dark grey with strong odor,  
 Soil passed field TPH, BTEX results attached

FIELD 418.1 CALCULATIONS

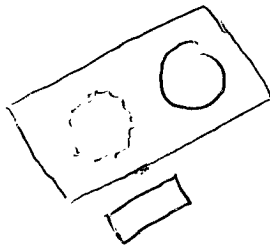
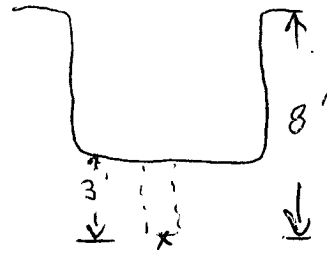
TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC ppm
1045	Discrete B' BGS bottom		5.0	20	4	.11	763.4

SCALE  
  
 0 FT

PIT PERIMETER

OVM RESULTS

PIT PROFILE

	<table border="1"> <thead> <tr> <th>SAMPLE ID</th><th>FIELD HEADSPACE PID (ppm)</th></tr> </thead> <tbody> <tr><td>1 bottom</td><td>11630</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> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 bottom	11630	2		3		4		5												
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TRAVEL NOTES: _____ CALLOUT: _____ ONSITE: _____
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LAT: 36.405627      LON: -107.84323

EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Client: Burlington  
Sample No.: 1  
Sample ID: Discrete 3' Below BGT  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Cool and Intact

Project #: 92115-121-017  
Date Reported: 3/12/2007  
Date Sampled: 3/12/2007  
Date Analyzed: 3/12/2007  
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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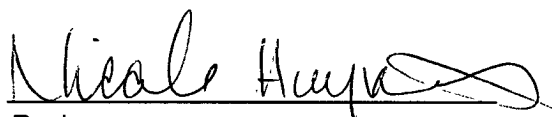
Total Petroleum Hydrocarbons	760	5.0
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ND = Parameter not detected at the stated detection limit.

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

Comments: Huerfano Unit #146

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington	Project #:	92115-121-017
Sample ID:	Discrete 3' Below BGT	Date Reported:	03-13-07
Laboratory Number:	40397	Date Sampled:	03-12-07
Chain of Custody:	2224	Date Received:	03-12-07
Sample Matrix:	Soil	Date Analyzed:	03-13-07
Preservative:	Cool	Date Extracted:	03-12-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	104	1.8
Toluene	877	1.7
Ethylbenzene	1,910	1.5
p,m-Xylene	8,770	2.2
o-Xylene	2,920	1.0
Total BTEX	14,580	

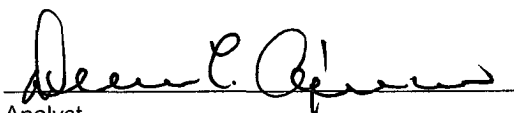
ND - Parameter not detected at the stated detection limit.

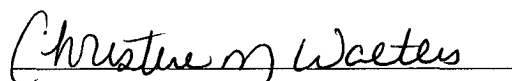
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Huerfano 146

  
Analyst

  
Review