

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Road, Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resources  <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-144 June 1, 2004  <b>For drilling and production facilities</b> , submit to appropriate NMOCD District Office. <b>For downstream facilities</b> , submit to Santa Fe office
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## 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>Huerfano 142</u> API #: <u>30045055010000</u> U/L or Qtr/Qtr <u>G</u> Sec <u>07</u> T <u>025N</u> R <u>009W</u> County: <u>San Juan</u> Latitude <u>N36 25.087</u> Longitude <u>W107 49.583</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" 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 was installed 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 0 points) <b>0</b>
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) <b>0</b>
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) <b>0</b>
<b>Ranking Score (Total Points)</b>		<b>0</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 \_\_\_\_\_. (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:
Pit Location -40 feet, 90 degrees from the wellhead.
Soil sample collected 3 feet below bottom of tank. Soils tested clean and no soil remediation was required. Lab analysis 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 approved plan ☐.

Date 9-26-05

Printed Name/Title 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 environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

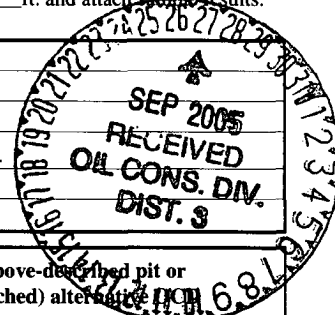
**DEPUTY OIL & GAS INSPECTOR, DIST. 3**

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

Signature *Denny Feat*

Date

**SEP 27 2005**



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	Burlington Resources	Project #:	92115-001-14125
Sample ID:	Huerfano 142	Date Reported:	07-28-05
Laboratory Number:	33846	Date Sampled:	07-14-05
Chain of Custody No:	14125	Date Received:	07-26-05
Sample Matrix:	Soil	Date Extracted:	07-27-05
Preservative:	Cool	Date Analyzed:	07-28-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

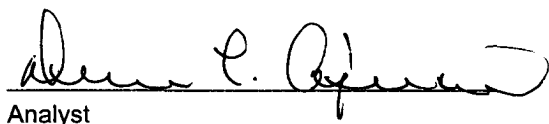
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	503	0.2
Diesel Range (C10 - C28)	72.4	0.1
Total Petroleum Hydrocarbons	575	0.2

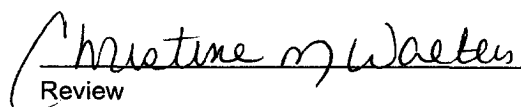
ND - Parameter not detected at the stated detection limit.

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

Comments: **BG Tank (Area 1).**

PID = 947  
(see BTX analysis)

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington Resources	Project #:	92115-001-14125
Sample ID:	Huerfano 142	Date Reported:	07-28-05
Laboratory Number:	33846	Date Sampled:	07-14-05
Chain of Custody:	14125	Date Received:	07-26-05
Sample Matrix:	Soil	Date Analyzed:	07-28-05
Preservative:	Cool	Date Extracted:	07-27-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	190	2.1
Toluene	466	1.8
Ethylbenzene	779	1.7
p,m-Xylene	5,480	1.5
o-Xylene	1,430	2.2
Total BTEX	8,350	


ND - Parameter not detected at the stated detection limit.

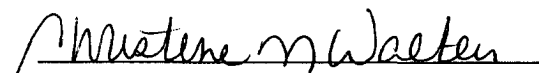
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: BG Tank (Area 1).

  
Analyst

  
Review