

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>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>Turner Hughes # 11</u> API #: <u>3004506681</u> U/L or Qtr/Qtr <u>H</u> Sec <u>10</u> T <u>27N</u> R <u>09W</u>		
County: <u>San Juan</u> Latitude <u>36.591963</u> Longitude <u>-107.77013</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) 20
<b>Ranking Score (Total Points)</b>		20

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 418 I standard of 100ppm for TPH and 100 ppm OVM standard. No excavation needed.	RCUD JUL 26'07 OIL CONS. DIV. DIST. 3

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 7/24/07

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  
District #3

Date: AUG 30 2007

92115-121-059

CLIENT: _____	<b>ENVIROTECH INC.</b> <small>ENVIRONMENTAL SCIENTISTS &amp; ENGINEERS          5796 U.S. HIGHWAY 64-3014          FARMINGTON, NEW MEXICO 87401          PHONE: (505) 632-0815</small>	LOCATION NO: _____  C.O.C. NO: _____
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<b>FIELD REPORT: CLOSURE VERIFICATION</b>		PAGE No: _____ of _____
LOCATION: NAME: <u>TURNER HUGHES WELL #. 11</u> PIT: _____ QUAD/UNIT: <u>14</u> SEC: <u>10</u> TWP: <u>27N</u> RNG: <u>09W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1750 FNL</u> <u>990 FEL</u> CONTRACTOR: <u>SIERRA</u>		DATE STARTED <u>06/28/07</u> DATE FINISHED <u>06/28/07</u> ENVIRONMENTAL SPECIALIST: <u>ENH</u>

EXCAVATION APPROX _____ FT. x _____ FT. x _____ FT. DEEP	CUBIC YARDAGE: _____
DISPOSAL FACILITY: _____	REMEDIALATION METHOD: _____
LAND USE: _____	APT LEASE: <u>30-045-06681</u> FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>95</u> FT. <u>100°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>7100</u> NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&lt;200</u> NMOC D RANKING SCORE: <u>20</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM
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SOIL AND EXCAVATION DESCRIPTION:

SOIL PASSED 100 PPM TPH STANDARD

NO EXCAVATION

CHECK ONE:

\_\_\_\_ PIT ABANDONED

☒ STEEL TANK INSTALLED

FIELD 418.1 CALCULATIONS

TIME	SAMPLE ID	LAB No	WEIGHT (g)	ml FREON	DILUTION	READING	CALC ppm
	200 STD					169	
1545	3' BELOW BT	1	5	20	4	06	24

SCALE



0 FT

PIT PERIMETER

OVM RESULTS

PIT PROFILE

	SAMPLE ID	FIELD HEADSPACE P10 (ppm)
	1	1.7
	2	
	3	
	4	
	5	
LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES.	CALLOUT: _____	ONSITE: _____
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36.591963

-107.77013

60 BBLs

EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Client:	Burlington	Project #:	92115-121-059
Sample No.:	1	Date Reported:	7/5/2007
Sample ID:	Discrete, 3' below BGT	Date Sampled:	6/28/2007
Sample Matrix:	Soil	Date Analyzed:	6/28/2007
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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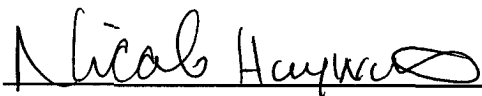
<b>Total Petroleum Hydrocarbons</b>	<b>24</b>	<b>5.0</b>
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ND = Parameter not detected at the stated detection limit.

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

Comments: **Turner Hughes # 11**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

  
\_\_\_\_\_  
Analyst

Nicole Hayworth  
\_\_\_\_\_  
Printed

  
\_\_\_\_\_  
Review

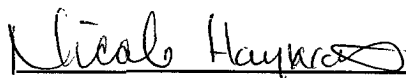
Greg Crabtree  
\_\_\_\_\_  
Printed

CONTINUOUS CALIBRATION  
EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Cal. Date: 28-Jun-07

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	169
	200	
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



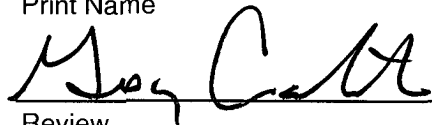
Analyst



Date

Nicole Hayworth

Print Name



Review



Date

Greg Crabtree

Print Name

Client:	<b>ENVIROTECH INC</b>	Location No:
	ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 - 3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615	C.O.C. No:

**FIELD REPORT: NORM TESTING VERIFICATION**

LOCATION: NAME: <u>TURNER HUGHES</u> WELL #: <u>11</u>	PAGE NO: _____ OF _____
QUAD/UNIT: <u>H</u> SEC: <u>10</u> TWP: <u>27</u> RNG: <u>09</u> PM: _____ CNTY: <u>ST</u>	DATE STARTED: <u>06/28/07</u>
QTR/FOOTAGE: <u>1750 FNL</u> <u>990 FEL</u> CONTRACTOR: _____	DATE FINISHED: <u>06/28/07</u>
	ENVIRONMENTAL SPECIALIST: <u>ENH</u>

BACKGROUND READING 0.6

ALLOWABLE CONCENTRATION (1.5 TIMES BACKGROUND) 0.9

TIME	SAMPLE I.D.	CONCENTRATION	UNITS
1550	FIBERGLASS BGT	0.6	MR/HR

NOTES:

COMMENTS:

Nicole Hayworth  
Analyst Signature

NICOLE HAYWORTH  
Printed Name

06/28/07  
Date

Conversion Factors 1 Rem =	
Roentgen:	0.0838
Rem:	1
Sievert:	0.01
Coulomb/kilogram:	2.16E-05
Microcoulomb/kilogram:	21.6204
Millicoulomb/kilogram:	0.02162
Rep:	0.0838
Parker:	0.0838