

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>Hartman Com No. 6</u> API #: <u>30045268300000</u> U/L or Qtr/Qtr <u>H</u> Sec <u>23</u> T <u>30N</u> R <u>11W</u>		
County: <u>San Juan</u> Latitude <u>36.80072</u> Longitude <u>-107.9544</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 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) 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	(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>		<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 \_\_\_\_\_. (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:
Sandstone was encountered and maximum extent was reached at 6' below ground surface.

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 Ed Hasely, Env. 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: DEPUTY OIL & GAS INSPECTOR, DIST. 3E

Printed Name/Title

Signature

[Signature]

Date:

APR - 4 2005

CLIENT **Burlington Resources**

**ENVIROTECH INC.**  
ENVIRONMENTAL SCIENTISTS & ENGINEERS  
 5796 U.S. HIGHWAY 64-3014  
 FARMINGTON, NEW MEXICO 87401  
 PHONE (505) 632-9615

DATE: **3/21/05**  
 TIME: **1:00**

# FIELD REPORT CLOSURE VERIFICATION

LOCATION: NAME **Hartman Corn #16** WELL #  PIT  DATE STARTED **3/21/05**  
 QUAD/UNIT **H** SEC **23** TWP **30N** RNG **11W** PM **NMPM** CNTY **SJ ST NM** DATE FINISHED   
 QTR/FDDTAGE  CONTRACTOR  ENVIRONMENTAL SPECIALIST **D. Young**

EXCAVATION APPROX  FT x  FT x  FT DEEP CUBIC YARDAGE: **20yd<sup>3</sup>**  
 DISPOSAL FACILITY: **on-site Land Farm** REMEDIATION METHOD:   
 LAND USE:  LEASE:  FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY **46** FT **150°** FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: **250** NEAREST WATER SOURCE:  NEAREST SURFACE WATER: **160'**  
 NMOC RANKING SCORE: **40** NMOC TPH CLOSURE STD: **100** PPM

CHECK ONE  
☐ PIT ABANDONED  
☒ STEEL TANK INSTALLED

## SOIL AND EXCAVATION DESCRIPTION:

Upon BGT removal soil appeared completely saturated and some liquid free product remained. Sandstone was encountered and refusal occurred at 6' deep. After clearing the bottom and minor excavation, the BGT pit passed at <100ppm. Ed Haseley ~~approved~~ approved on-site land farming as 20yd<sup>3</sup> of contaminated soil were removed.

## FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
12:30	6' Bottom	1	5.0	20	1	4	16 ppm
14:00	SPT sample with bottom	2	5.0	20	1	21	84 ppm

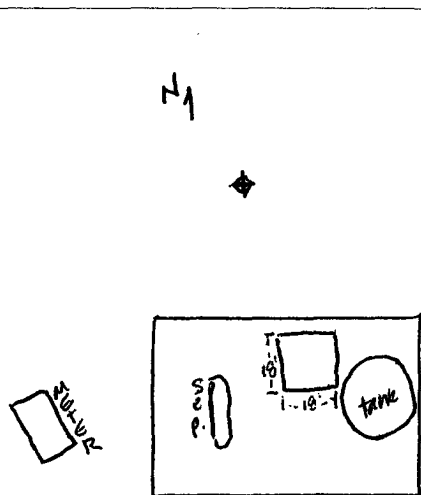
SCALE

0 FT

## PIT PERIMETER

## OVM RESULTS

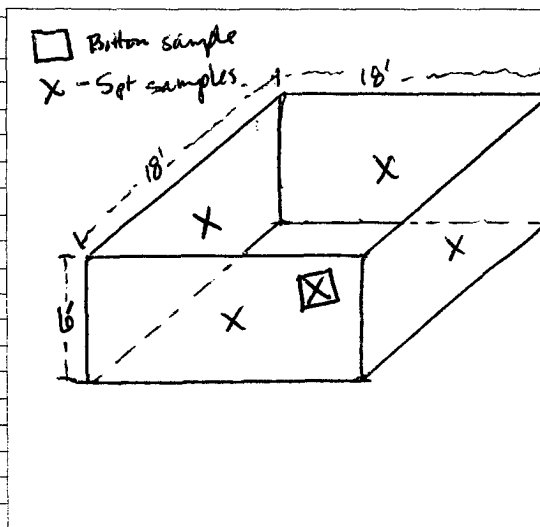
## PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 6' bottom	3
2 5' SPT sample with bottom	27
3	
4	
5	

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES: CALLOUT  ON-SITE

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Burlington Resources	Project #:	92115-021-027
Sample No.:	1	Date Reported:	3/23/2005
Sample ID:	Discrete, Sandstone Bottom @ 6' Depth	Date Sampled:	3/21/2005
		Date Analyzed:	3/21/2005
Sample Matrix:	Soil	Analysis Needed:	TPH-418.1
Preservative:	Cool		
Condition:	Cool and Intact		

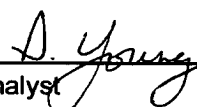
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16.0	5.0

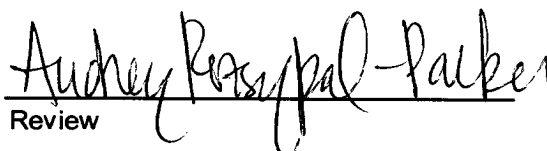
ND = Parameter not detected at the stated detection limit.

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

Comments: **Hartman Com No. 6**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

  
Review

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Burlington Resources	Project #:	92115-021-027
Sample No.:	2	Date Reported:	3/23/2005
Sample ID:	5 Point Composite (4 Walls and Floor)	Date Sampled:	3/21/2005
		Date Analyzed:	3/21/2005
Sample Matrix:	Soil	Analysis Needed:	TPH-418.1
Preservative:	Cool		
Condition:	Cool and Intact		

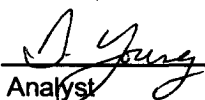
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	84.0	5.0

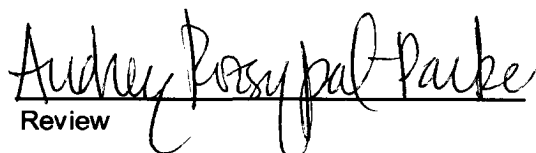
ND = Parameter not detected at the stated detection limit.

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

Comments: **Hartman Com No. 6**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

  
Review