

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: Burlington Resources Telephone: (505) 326-9841 e-mail address: LHasely@br-inc.com
Address: 3401 East 30th Street, Farmington, New Mexico, 87402
Facility or well name: Federal F No. 1 API #: 30045089770000 U/L or Qtr/Qtr J Sec 33 T 30N R 33W
County: San Juan Latitude 36.76602 Longitude -107.9927 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☐ Unlined ☐
Liner type: Synthetic ☐ Thickness _____ mil Clay ☐
Pit Volume _____ bbl

Below-grade tank

Volume: 60 bbl Type of fluid: Produced Water and Incidental Oil
Construction material: Fiberglass
Double-walled, with leak detection? Yes ☐ If not, explain why not.
No. Tank in place prior to Rule 50.

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
Ranking Score (Total Points)			40

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 Envirotech Landfarm 2. (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:

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: 4/12/05

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:

Printed Name/Title Mr. Ed Hasely, Environmental Advisor

Signature [Signature]

DEPUTY OIL & GAS INSPECTOR, DIST. 25

Date: APR 14 2005

Burlington
Resources

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
6796 U.S. HIGHWAY 64-3011
FARMINGTON, NEW MEXICO 87401
PHONE (505) 633-9815

FIELD REPORT CLOSURE VERIFICATION

LOCATION NAME Federal F1 WELL # PIT DATE STARTED 3/23/05
QUAD/UNIT J SEC 33 TWP 30N RNG 11W PM NMPM CNTY SJ ST NM DATE FINISHED
OTE/FOOTAGE CONTRACTOR ENVIRONMENTAL SPECIALIST D. Young

EXCAVATION APPROX FT x FT x FT DEEP CUBIC YARDAGE 26 yd³

DISPOSAL FACILITY: ETech Landfarm REMEDIATION METHOD:

LAND USE: LEASE: FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 75' FT 50° FROM WELLHEAD.

DEPTH TO GROUNDWATER 20' NEAREST WATER SOURCE: NEAREST SURFACE WATER: 150'

NMOC RANKING SCORE: 40 NMOC TPH CLOSURE STD: 100 PPM

CHECK ONE

☐ PIT ABANDONED

☒ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

A Fiberglass BGT was cracked on the bottom and the gravel bottom of the pit was saturated with free product. Upon excavation it was found that the lining on the pit had contained the spill. Approx 20 yd³ will be land farmed. Walls (3') and floor (9') passed standards (TPH) at less than 100 ppm.

FIELD 418.1 CALCULATIONS

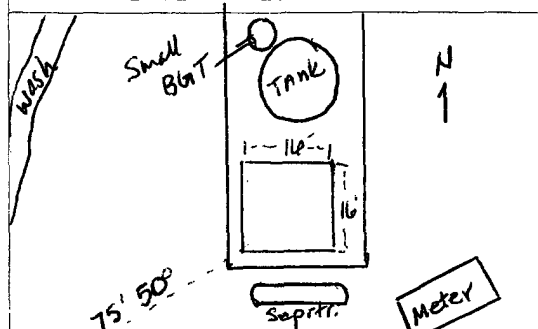
TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
14:00	9' bottom	1	5.0	20	1	3	12 ppm
14:30	4 pt well composite	2	5.0	20	1	19	76 ppm

SCALE



0 FT

PIT PERIMETER

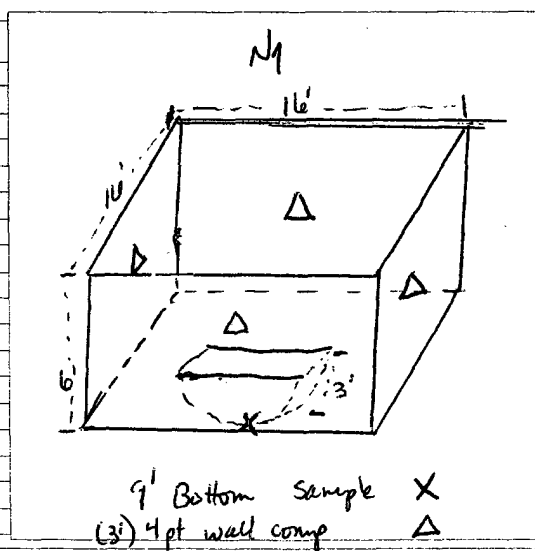


OVN RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
9' bottom	17 ppm
4 pt comp	21 ppm
3	
4	
5	

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES

CALLOUT

ON SITE

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Burlington Resources	Project #:	92115-021-023
Sample No.:	1	Date Reported:	4/6/2005
Sample ID:	Discrete, 3' below BG Tank	Date Sampled:	3/23/2005
Sample Matrix:	Soil	Date Analyzed:	3/23/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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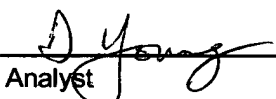
Total Petroleum Hydrocarbons	12.0	5.0
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ND = Parameter not detected at the stated detection limit.

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

Comments: **Federal F No. 1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst


Review

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-023
Sample No.:	2	Date Reported:	4/6/2005
Sample ID:	Composite of 4 Walls	Date Sampled:	3/23/2005
Sample Matrix:	Soil	Date Analyzed:	3/23/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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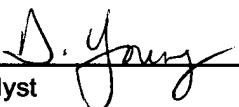
Total Petroleum Hydrocarbons	76.0	5.0
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ND = Parameter not detected at the stated detection limit.

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

Comments: **Federal F No. 1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst


Review