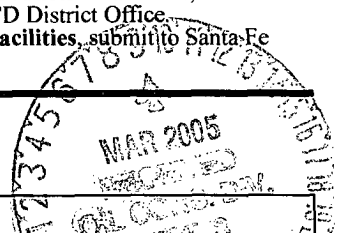
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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: 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: Huerfano Unit Well No. 73 API #: 30045214050000 U/L or Qtr/Qtr D Sec 01 T 26N R 11W
County: San Juan Latitude 36.52215 Longitude -107.9615 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	20
	Ranking Score (Total Points)		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 your are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Envirotech LF 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:
Excavation details 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: 3/3/05
Printed Name/Title Ed Hasely/Env. 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 DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Denny Foust Date: MAR - 9 2005

CLIENT: Burlington Resources

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

LOCATION NO: 73
C.O.C. NO: ____

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 2

LOCATION: NAME: Huerfano Unit No WELL #: 73 PIT:
QUAD/UNIT: SEC: 1 TWP: 26N RNG: 11W PM: NMPM CNTY: SJ ST: NM
QTR/FOOTAGE: CONTRACTOR: L&R

DATE STARTED: 1/14/05
DATE FINISHED: 1/20/05
ENVIRONMENTAL SPECIALIST: MPM

EXCAVATION APPROX. 15 FT. x 15 FT. x 10.5 FT. DEEP. CUBIC YARDAGE: See p. 2
DISPOSAL FACILITY: Envirotech LF # 2 REMEDIATION METHOD: ____
LAND USE: ____ LEASE: ____ FORMATION: ____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 49 FT. 96° FROM WELLHEAD.
DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 20
NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:
___ PIT ABANDONED
✓ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

Dug sample points to determine extents of contamination.

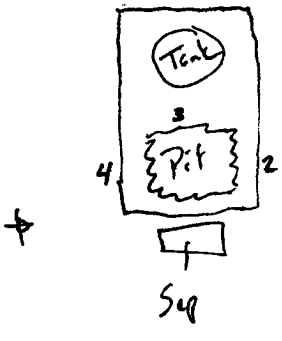
per Burlington's memo, needs closure at under 100 ppm

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1430	3' Below	1	5	20	1		Over 5000 ppm

SCALE
0 FT

PIT PERIMETER



N ↑
Depth approx 5'

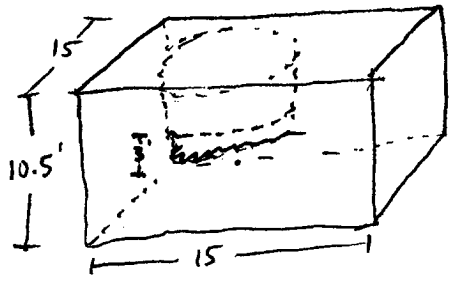
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3' Below	714 ppm
2 E. pit	12 ppm
3 N. pit	27 ppm
4 W. pit	9 ppm
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



• = Area below pit were OVM & TPH taken

TRAVEL NOTES: CALLOUT: ____ ONSITE: ____

CLIENT: Burlington Resources

ENVIROTECH INC.
ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

LOCATION NO: 73
C.O.C. NO:

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 2 of 2

LOCATION: NAME: Huerfano Unit WELL #: 73 PIT:
QUAD/UNIT: SEC: 1 TWP: 26N RNG: 11W PM: CNTY: SJ ST: NM
QTR/FOOTAGE: CONTRACTOR:

DATE STARTED: ~~1/20/05~~ 1/20/05
DATE FINISHED: 1/20/05
ENVIRONMENTAL SPECIALIST: MPM/AMR

EXCAVATION APPROX. 35 FT. x 20 FT. x 16 FT. DEEP. CUBIC YARDAGE: 358
DISPOSAL FACILITY: Basin Envirotech LF #2 REMEDIATION METHOD:
LAND USE: LEASE: NM 01074 FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 49 FT. 86° FROM WELLHEAD.
DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: within 200 ft
NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:
___ PIT ABANDONED
✓ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

Reached maximum extent at 16ft, OVM 762 ppm, TPH 795.744
On 4 Pt composite was at 15.7194 ppm TPH and 10 ppm OVM
H73W = west wall composite
H73S = south wall composite

Maximum extent reached at 16', encountered shale bottom.

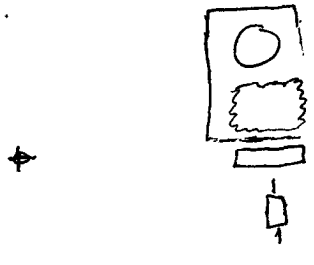
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1430	H73W △	2	5	20	1	0.0012	5.8944
1505	H73S ○	3	5	20	1	0.024	117.888
1540	H73B □	4	5	20	1	0.162	795.744
*1615	H73comp X	5	5	20	1	0.0032	15.7184

* 4 Pt Composite

SCALE
0 FT

PIT PERIMETER



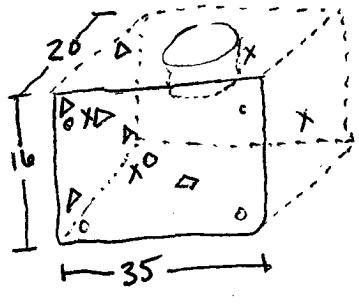
RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 H73W	10
2 H73B	762
3 H73S	14
4 H73N	14
5 H73B2	148
H73comp	10

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE:

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-014
Sample No.:	1	Date Reported:	1/21/2005
Sample ID:	H73 @ 3' below pit	Date Sampled:	1/14/2005
Sample Matrix:	Soil	Date Analyzed:	1/14/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**>5000**	**5.0**

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 Well No. 73**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-014
Sample No.:	5	Date Reported:	1/21/2005
Sample ID:	H73 4 Point Wall Composite	Date Sampled:	1/20/2005
Sample Matrix:	Soil	Date Analyzed:	1/20/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**15.7**	**5.0**

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 Well No. 73**

Analyst

Review

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