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: Culpepper Martin SRC # 4 API #: 30045122040000 U/L or Qtr/Qtr N Sec 28 T 32N R 12W
County: San Juan Latitude 36.95266 Longitude -108.10345 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness _____mil Clay ☐ Pit Volume _____bbl	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.		
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)	10
	Ranking Score (Total Points)		10

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 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:
60 cubic yards was transported to Envirotech's Landfarm # 2. Remaining volume landfarmed on site at Culpepper Martin SRC # 4

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: 5/5/05
Printed Name/Title Mr. Ed Hasely, Environmental Advisor Signature E 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 _____ Signature _____ Date: _____

CLIENT: Burlington Resources

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

LOCATION NO: _____
C.O.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 2

LOCATION: NAME: Culpepper Martin SRC WELL #: 4 PIT:
QUAD/UNIT: N SEC: 28 TWP: ~~30~~ 32N RNG: 12W PM: NMPM CNTY: SJ ST: NM
QTR/FOOTAGE: CONTRACTOR: L&R

DATE STARTED: 4/12/05
DATE FINISHED: 4/13/05
ENVIRONMENTAL SPECIALIST: MPM

EXCAVATION APPROX _____ FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____
DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____
LAND USE: _____ LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 114 FT. 355° FROM WELLHEAD.
DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 10
NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

CHECK ONE:
___ PIT ABANDONED
✓ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

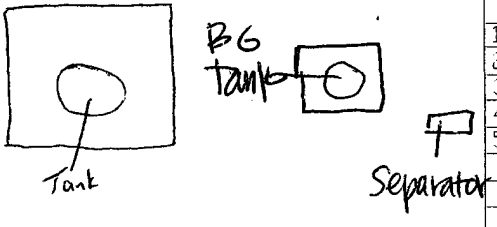
4/12 Pit has already been moved. Soil around and beneath has signs of contamination. Had operator dig to 12' TD. Sampled. Informed Les Hepner of results, said to have L&R try to excavate contamination.

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1330	12' TD	1	5	20	1	0.182	1263

SCALE
0 FT

PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3' Below	754
2 12' TD	811
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE

TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

CLIENT: _____

ENVIROTECH INC.

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

LOCATION NO: _____

C.O.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 2 of 2

LOCATION: NAME: Culpepper Martin SRC WELL #: 4 PIT:

QUAD/UNIT: SEC: TWP: RNG: PM: CNTY: ST:

QTR/FOOTAGE: CONTRACTOR: L&R

DATE STARTED: _____

DATE FINISHED: 4/13/05

ENVIRONMENTAL SPECIALIST: MPM

EXCAVATION APPROX. 26 FT. x 24 FT. x 16 FT. DEEP. CUBIC YARDAGE: 370

DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____

LAND USE: _____ LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY _____ FT. _____ FROM WELLHEAD.

DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 10

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

CHECK ONE:

___ PIT ABANDONED

✓ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

4/13 L&R stepped down to allow for further excavation. At 13' was a layer of black soil. At 16' backhoe had dug through. L&R will need approximately 60 yds of clean fill. 60 yds of contaminated soil will be transported to Envirotech LF #2, the remaining will be LF on site.

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1230	5 Pt Comp		5	20	1	0.087	604 ppm

SCALE

0 FT

PIT PERIMETER

Spoke w/ ET on needing a separate bottom sample.

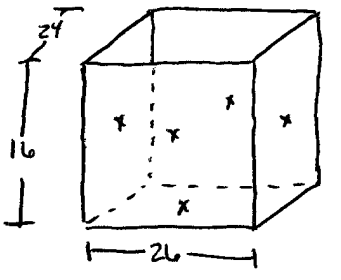
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 N. Wall	32 ppm
2 E. Wall	83 ppm
3 S. Wall	64 ppm
4 W. Wall	48 ppm
5 Bottom	71 ppm
5 Pt Comp	84 ppm

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



x = Sample Point

TRA _____ ONSITE: _____

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington Resources	Project #:	92115-021-063
Sample No.:	1	Date Reported:	4/18/2005
Sample ID:	Discrete, 7' Below BG Tank	Date Sampled:	4/12/2005
Sample Matrix:	Soil	Date Analyzed:	4/12/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,260**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Culpepper Martin SRC # 4**

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 #:	92115-021-063
Sample No.:	2	Date Reported:	4/18/2005
Sample ID:	Discrete, 11' Below BG Tank	Date Sampled:	4/13/2005
Sample Matrix:	Soil	Date Analyzed:	4/13/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**604**	**5.0**

ND = Parameter not detected at the stated detection limit.

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

Comments: **Culpepper Martin SRC # 4**

Analyst

Review

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