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: McManus No. 11 API #: 30045056940000 U/L or Qtr/Qtr A Sec 30 T 26N R 8W
County: San Juan Latitude 36.462833 Longitude -107.7183 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

| **Pit** | **Below-grade tank** | | |
|---|---|---|---|
| Type: Drilling ☐ Production ☐ Disposal ☐<br>Workover ☐ Emergency ☐<br>Lined ☐ Unlined ☐<br>Liner type: Synthetic ☐ Thickness ____mil Clay ☐<br>Pit Volume ____bbl | Volume: 80 bbl Type of fluid: Produced Water and Incidental Oil<br>Construction material: Fiberglass<br>Double-walled, with leak detection? Yes ☐ If not, explain why not.<br>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<br>50 feet or more, but less than 100 feet<br>100 feet or more | (20 points)<br>(10 points)<br>( 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<br>No | (20 points)<br>( 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<br>200 feet or more, but less than 1000 feet<br>1000 feet or more | (20 points)<br>(10 points)<br>( 0 points) | 10 |
| | **Ranking Score (Total Points)** | | 10 |

OCT 2006

**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 ___. (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 tested clean, no soil remediation required

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: 10/06/06
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 DEPUTY OIL & GAS INSPECTOR, DIST. #3
Printed Name/Title _____ Signature Brandon Powell Date: OCT 18 2006

CLIENT: _____

# ENVIROTECH INC.

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

LOCATION NO: _____
COC NO: _____

## FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: McManus WELL #: 11 PIT: .
QUAD/UNIT: A SEC: 30 TWP: 26N RNG: 8W PM: NMPM CNTY: SJ ST: NM
QTR/FOOTAGE: 1300 FNL 1297 FEL CONTRACTOR: Baileys

DATE STARTED: 9/13/06
DATE FINISHED: 9/13/06
ENVIRONMENTAL SPECIALIST: GWC

EXCAVATION APPROX. 0 FT. x 0 FT. x 0 FT. DEEP. CUBIC YARDAGE: 0
DISPOSAL FACILITY: N/A REMEDIATION METHOD: N/A
LAND USE: _____ LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 108 FT. 250° FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: 200-1000
NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1,000 PPM

CHECK ONE:
___ PIT ABANDONED
X STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

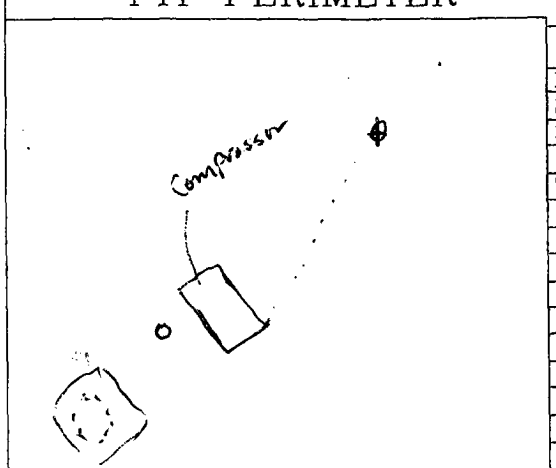
Soil tested clean no soil remediation required

FIELD 418.1 CALCULATIONS

| TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|---|---|---|---|---|---|---|---|
| 1050 | Bottom 3' Below BGT | | 5.0 | 20 | 4 | 7 | 28 |
| | | | | | | | |
| | | | | | | | |

SCALE
0 FT

PIT PERIMETER



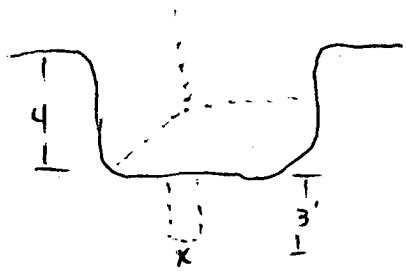

OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE PID (ppm) |
|---|---|
| 1 bottom | 2 |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

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 #: | 92115-046-032 |
| Sample No.: | 1 | Date Reported: | 9/14/2006 |
| Sample ID: | Discrete, 3' Below BG Tank | Date Sampled: | 9/13/2006 |
| Sample Matrix: | Soil | Date Analyzed: | 9/13/2006 |
| Preservative: | Cool | Analysis Needed: | TPH-418.1 |
| Condition: | Cool and Intact | | |

| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|---|---|---|
| **Total Petroleum Hydrocarbons** | **28.0** | **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: **McManus No. 11**

Instrument callibrated to 200 ppm standard. Zeroed before each sample

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

**CONTINUOUS CALIBRATION**
**EPA METHOD 418.1**
**TOTAL PETROLEUM**
**HYDROCARBONS**

Cal. Date: 13-Sep-06

| Parameter | Standard Concentration mg/L | Concentration Reading mg/L |
|---|---|---|
| **TPH** | 100 | |
| | 200 | 225 |
| | 500 | |
| | 1000 | |

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

Analyst

9/14/06
Date

Review

9/14/06
Date

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