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
March 12, 200

**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 Oil & Gas Company LP Telephone: 505-326-9700 e-mail address: jclark@br-inc.com
Address: 3401 E. 30th Street, Farmington, NM 87402
Facility or well name: Allison Unit #131S API #: 30-045-31661 U/L or Qtr/Qtr E Sec 24 T 32N R 07 W
County: San Juan Latitude 36.9675389 Longitude -107.52445 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 ☐ Volume _____bbl | Volume: _____bbl Type of fluid: _____<br>Construction material: _____<br>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<br>50 feet or more, but less than 100 feet<br>100 feet or more | (20 points)<br>(10 points)<br>( 0 points) 0 points |
| 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 points |
| 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) 0 points |
| | **Ranking Score (Total Points) 0 points** | |

**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: 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.

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: 5/25/04
Printed Name/Title Joni Clark, Regulatory Specialist Signature Nancy Oltmanns

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:
Date: JUN - 2 2004
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Denny Foust

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## TRACE METAL ANALYSIS

| | | | |
|---|---|---|---|
| Client: | Burlington Resource | Project #: | 92115-001 |
| Sample ID: | Allison Unit 131S | Date Reported: | 04-29-04 |
| Laboratory Number: | 28516 | Date Sampled: | 04-22-04 |
| Chain of Custody: | 12048 | Date Received: | 04-27-04 |
| Sample Matrix: | Soil | Date Analyzed: | 04-29-04 |
| Preservative: | Cool | Date Digested: | 04-28-04 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) | TCLP Regulatory Level (mg/Kg) |
|---|---|---|---|
| **Arsenic** | **0.007** | **0.001** | **5.0** |
| **Barium** | **0.072** | **0.001** | **100** |
| **Cadmium** | **ND** | **0.001** | **1.0** |
| **Chromium** | **ND** | **0.001** | **5.0** |
| **Lead** | **ND** | **0.001** | **5.0** |
| **Mercury** | **ND** | **0.001** | **0.2** |
| **Selenium** | **0.004** | **0.001** | **1.0** |
| **Silver** | **ND** | **0.001** | **5.0** |

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Drilling Pits.**

Analyst

Review

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

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021
## AROMATIC VOLATILE ORGANICS

| | | | |
|---|---|---|---|
| Client: | Burlington Resources | Project #: | 92115-001 |
| Sample ID: | Allison Unit 131S | Date Reported: | 04-29-04 |
| Laboratory Number: | 28516 | Date Sampled: | 04-22-04 |
| Chain of Custody: | 12048 | Date Received: | 04-27-04 |
| Sample Matrix: | Soil | Date Analyzed: | 04-29-04 |
| Preservative: | Cool | Date Extracted: | 04-28-04 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|---|---|---|
| **Benzene** | **2.0** | **1.8** |
| **Toluene** | **4.3** | **1.7** |
| **Ethylbenzene** | **ND** | **1.5** |
| **p,m-Xylene** | **ND** | **2.2** |
| **o-Xylene** | **1.8** | **1.0** |
| **Total BTEX** | **8.1** | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|---|---|---|
| | **Fluorobenzene** | **100 %** |
| | **1,4-difluorobenzene** | **100 %** |
| | **Bromochlorobenzene** | **100 %** |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

**Comments:** **Drilling Pits.**

Analyst

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# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## Total Chloride

| | | | |
|---|---|---|---|
| Client: | Burlington Resources | Project #: | 92115-001 |
| Sample ID: | Allison Unit 131S | Date Reported: | 04-29-04 |
| Lab ID#: | 28516 | Date Sampled: | 04-22-04 |
| Sample Matrix: | Soil Extract | Date Received: | 04-27-04 |
| Preservative: | Cool | Date Analyzed: | 04-29-04 |
| Condition: | Cool and Intact | Chain of Custody: | 12048 |

| Parameter | Concentration (mg/L) |
|---|---|
| **Total Chloride** | **334** |

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Drilling Pits.**

Analyst

Review

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