

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-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | | | |
|-----------------|--|---------------|---|
| Name of Company | Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company | Contact | Kelsi Gurvitz |
| Address | 3401 E. 30th St., Farmington, NM 87402 | Telephone No. | 505-599-3403 |
| Facility Name | Reese Mesa 104 | Facility Type | Gas Well API #3004526976 |
| Surface Owner | Federal | Mineral Owner | Federal Lease No. NMNM-9037 |

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|-----------|------------|------------|---------------|------------------|---------------|----------------|-----------------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| G | 12 | 32N | 08W | 840' | N | 1465' | E | San Juan |

Latitude 36.99778° N Longitude 107.62253° W

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release – Produced Water | Volume of Release – 45 BBL | Volume Recovered – 40 BBL |
| Source of Release: Water Tank | Date and Hour of Occurrence unknown | Date and Hour of Discovery 4/13/10 2:30 p.m. |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Brandon Powell, NMOCD- verbal and email | |
| By Whom? Kelsi Gurvitz | Date and Hour – 4/14/10 2:50 p.m. | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |
| If a Watercourse was Impacted, Describe Fully.* | | |

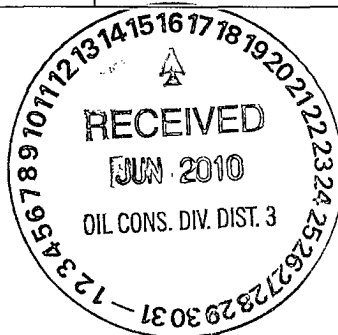
Describe Cause of Problem and Remedial Action Taken.* **On April 13, 2010, it was discovered that the water tank had begun to overflow due to inaccessible roads. Upon discovery, the well was shut in and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken.* **All fluid remained on location and within the berm. Approximately 40 BBL of fluid was recovered. Confirmation sampling was completed and results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases; therefore no further action is required.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | |
|---|---|-----------------------------------|
| Signature: <i>Kelsi Gurvitz</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Kelsi Gurvitz | Approved by District Supervisor: <i>Branch</i> For: <i>CP</i> | |
| Title: Environmental Consultant | Approval Date: 9/22/10 | Expiration Date: |
| E-mail Address: kelsi.m.gurvitz@conocophillips.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 6/14/10 Phone: 505-599-3403 | | |

* Attach Additional Sheets If Necessary



1BP102 6539852

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**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

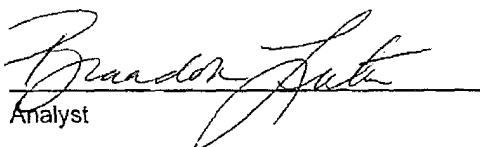
| | | | |
|----------------------|-----------------|---------------------|------------|
| Client: | Burlington | Project #: | 92115-1271 |
| Sample ID: | Reese Mesa #104 | Date Reported: | 05-05-10 |
| Laboratory Number: | 53930 | Date Sampled: | 04-28-10 |
| Chain of Custody No: | 9200 | Date Received: | 04-29-10 |
| Sample Matrix: | Soil | Date Extracted: | 05-04-10 |
| Preservative: | Cool | Date Analyzed: | 05-04-10 |
| Condition: | Intact | Analysis Requested: | 8015 TPH |

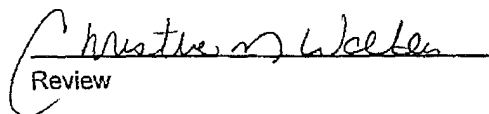
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Confirmation Sample**


Analyst


Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

| | | | |
|--------------------|--------------------|---------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | 05-04-10 QA/QC | Date Reported: | 05-05-10 |
| Laboratory Number: | 53981 | Date Sampled: | N/A |
| Sample Matrix: | Methylene Chloride | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 05-04-10 |
| Condition: | N/A | Analysis Requested: | TPH |

| | I-Cal Date | I-Cal RF | C-Cal RF | % Difference | Accept Range |
|-------------------------|------------|-------------|-------------|--------------|--------------|
| Gasoline Range C5 - C10 | 05-07-07 | 1.0488E+003 | 1.0493E+003 | 0.04% | 0 - 15% |
| Diesel Range C10 - C28 | 05-07-07 | 1.0294E+003 | 1.0298E+003 | 0.04% | 0 - 15% |

| Blank Conc. (mg/L - mg/Kg) | Concentration | Detection Limit |
|------------------------------|---------------|-----------------|
| Gasoline Range C5 - C10 | ND | 0.2 |
| Diesel Range C10 - C28 | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

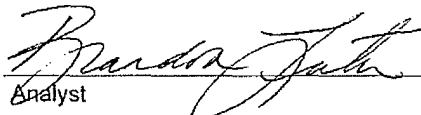
| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept Range |
|-------------------------|--------|-----------|--------------|--------------|
| Gasoline Range C5 - C10 | 107 | 90.5 | 15.0% | 0 - 30% |
| Diesel Range C10 - C28 | 92.1 | 88.4 | 4.0% | 0 - 30% |

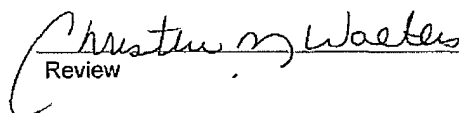
| Spike Conc. (mg/Kg) | Sample | Spike Added | Spike Result | % Recovery | Accept Range |
|-------------------------|--------|-------------|--------------|------------|--------------|
| Gasoline Range C5 - C10 | 107 | 250 | 336 | 94.1% | 75 - 125% |
| Diesel Range C10 - C28 | 92.1 | 250 | 345 | 101% | 75 - 125% |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 53959 - 53873 - 53874, 53906 - 53907, 53929 - 53931 and 53981.


Analyst


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**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

| | | | |
|--------------------|----------------------|---------------------|------------|
| Client: | Burlington Resources | Project #: | 92115-1271 |
| Sample ID: | Reese Mesa #104 | Date Reported: | 05-05-10 |
| Laboratory Number: | 53930 | Date Sampled: | 04-28-10 |
| Chain of Custody: | 9200 | Date Received: | 04-29-10 |
| Sample Matrix: | Soil | Date Analyzed: | 05-04-10 |
| Preservative: | Cool | Date Extracted: | 05-04-10 |
| Condition: | Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | ND | 0.9 |
| Toluene | 9.2 | 1.0 |
| Ethylbenzene | 1.6 | 1.0 |
| p,m-Xylene | 6.3 | 1.2 |
| o-Xylene | 2.7 | 0.9 |
| Total BTEX | 19.8 | |

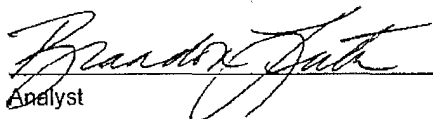
ND - Parameter not detected at the stated detection limit.

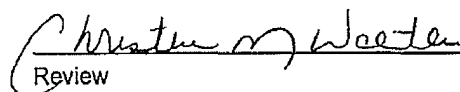
| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 105 % |
| | 1,4-difluorobenzene | 108 % |
| | Bromochlorobenzene | 106 % |

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: Confirmation Sample


Analyst


Review



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

| | | | |
|--------------------|------------------|----------------|----------|
| Client: | N/A | Project #: | N/A |
| Sample ID: | 05-04-BTEX QA/QC | Date Reported: | 05-05-10 |
| Laboratory Number: | 53873 | Date Sampled: | N/A |
| Sample Matrix: | Soil | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 05-04-10 |
| Condition: | N/A | Analysis: | BTEX |

| Calibration and Detection Limits (ug/L) | I-Cal RF | C-Cal RF | %Diff | Blank Conc | Detect Limit |
|--|-------------|-----------------------|-------|---------------|-----------------|
| | | Accept. Range 0 - 15% | | | |
| Benzene | 1.9100E+006 | 1.9138E+006 | 0.2% | ND | 0.1 |
| Toluene | 1.3326E+006 | 1.3352E+006 | 0.2% | ND | 0.1 |
| Ethylbenzene | 1.0632E+006 | 1.0654E+006 | 0.2% | ND | 0.1 |
| p,m-Xylene | 2.1735E+006 | 2.1779E+006 | 0.2% | ND | 0.1 |
| o-Xylene | 9.0693E+005 | 9.0875E+005 | 0.2% | ND | 0.1 |

| Duplicate Conc. (ug/Kg) | Sample | Duplicate | %Diff | Accept Range | Detect Limit |
|-------------------------|--------|-----------|-------|--------------|--------------|
| Benzene | ND | ND | 0.0% | 0 - 30% | 0.9 |
| Toluene | ND | ND | 0.0% | 0 - 30% | 1.0 |
| Ethylbenzene | ND | ND | 0.0% | 0 - 30% | 1.0 |
| p,m-Xylene | ND | ND | 0.0% | 0 - 30% | 1.2 |
| o-Xylene | ND | ND | 0.0% | 0 - 30% | 0.9 |

| Spike Conc. (ug/Kg) | Sample | Amount Spiked | Spiked Sample | %Recovery | Accept Range |
|---------------------|--------|---------------|---------------|-----------|--------------|
| Benzene | ND | 50.0 | 54.1 | 108% | 39 - 150 |
| Toluene | ND | 50.0 | 53.6 | 107% | 46 - 148 |
| Ethylbenzene | ND | 50.0 | 53.5 | 107% | 32 - 160 |
| p,m-Xylene | ND | 100 | 108 | 108% | 46 - 148 |
| o-Xylene | ND | 50.0 | 53.0 | 106% | 46 - 148 |

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 53973 - 53874, 53906 - 53907 and 53929 - 53931.

Analyst

Review

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