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 ConocoPhillips Company | | | | | Contact | ontact Kelsi Harrington | | | | |
| Address 3401 E. 30 th St., Farmington, NM 87402 | | | | | | | | | | |
| Facility Name San Juan 29-6 Unit #301 SWD | | | | Facility Type | Salt Wa | Salt Water Disposal API #3 | | API #3003924807 | | |
| Surface Ow | ner Sta | te | | Mineral Own | er State | | Lease No. E-289-3 | | | |
| LOCATION OF RELEASE | | | | | | | | | | |
| Unit Letter P | Section 02 | Township 29N | Range 06W | Feet from the 350' | North/South Line South | Feet from the 350 ' | East/West Li East | ne Co | unty Rio Arriba | |
| Latitude 36.74824° N Longitude -107.42388° W | | | | | | | | | | |
| | | | | NATUI | RE OF RELE | | | | | |
| | | duced Wat | | | | ease - 20 BBL | | | Recovered – 20 BBL | |
| Source of Rel | lease: Inje | ection Pum | р | | Date and Hour 7/23/10 | of Occurrence | | | d Hour of Discovery 0 5:03 p.m. | |
| Was Immedia | ite Notice (| | es 🗌 No | Not Required ■ Not Required N | | If YES, To Whom? RCVD AUG 16'10 OIL CONS. DIV. | | | | |
| By Whom? | | | | | Date and Hour | | | | DIST. 3 | |
| Was a Water | course Read | ched? | • | | | ne Impacting the | Watercourse. | | 220110 | |
| | | 🗆 | Yes 🛚 | No | | | | | | |
| If a Watercou | ırse was Im | pacted, Descr | ibe Fully.* | | | | | | | |
| Describe Cause of Problem and Remedial Action Taken.* On July 23, 2010, it was discovered that the injection pump had malfunctioned causing produced water to release onto the injection building skid. This resulted in an approximately 10 BBL pit tank overflow & a 10 BBL release out of the injection building. Upon discovery, the pump was shut down and a water truck was called to location. | | | | | | | | | | |
| Describe Area Affected and Cleanup Action Taken.* All fluid remained within the berm and approximately 10 BBL of fluid were recovered from the bermed area and 10 BBL recovered from the cribbing. The impacted area within the berm was assessed and results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills & Releases. There is a full coverage liner present underneath the pit tank; therefore there is no environmental impact & no further action needed. | | | | | | | | | | |
| 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: Kelon Harrangton | | | | | OIL CONSERVATION DIVISION | | | | | |
| Drinted Names Kolci Harrington | | | | Approved by I | Approved by District Supervisor: Bol Rell For; CP | | | | | |
| Title: | Env | vironmenta | l Consul | tant | Approval Date | 9/8/10 | Expirati | on Date: | | |
| E-mail Addre | ess: kelsi. | g.harringto | | cophillips.com | Conditions of | Approval: | | At | tached | |

* Attach Additional Sheets If Necessary

MBP 10125139233



August 11, 2010

Project No. 96052-1767

Ms. Kelsi Harrington ConocoPhillips 3401 East 30th Street Farmington, New Mexico 87401

Phone: (505) 599-3403

Cell: (505) 320-2461

RE: SPILL ASSESSMENT DOCUMENTATION FOR THE SAN JUAN 29-6 #301 SWD, RIO ARRIBA COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for the spill assessment activities performed at the San Juan 29-6 #301 SWD site located in Section 2, Township 29N, Range 6W, Rio Arriba County, New Mexico. Upon Envirotech's arrival, a brief site assessment was conducted and the regulatory standard for the site was determined to be 1000 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors due to a horizontal distance to surface water between 200 and 1000 feet, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

One (1) composite sample was collected from the visually impacted surface area; see attached *Field Notes* for location. The sample was analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The sample returned results below the regulatory standards for TPH and organic vapors; see attached *Analytical Results*. Envirotech, Inc. recommends no further action in regards to this incident.

We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Sarah Rowland, EIT

Staff Scientist

srowland@envirotech-inc.com

Enclosure(s): Field Notes

Analytical Results

Cc:

Client File Number 96052

| DESCRIPTION NAME: SALTAN 29-C WELLE: SOI SUM CONTRACTOR JOINT SPIELD CLOSURE VERIFICATION ATRON: NAME: SALTAN 29-C WELLE: SOI SUM CONTRACTOR JOINT: SIC: 2 TWE-2N RNG-GW PER M. AM CNITY-RAST NM ENVIRONMENTAL SPICOTAGE: CONTRACTOR: 1/A SPECIALIST: SALOJAN AVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC VARDAGE: AVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC VARDAGE: AVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC VARDAGE: BIOGRELASE: MATERIAL RELEASE: LAND OWNER: BIOGRELASE: MATERIAL RELEASE: MATERIAL RELEASE: CONCLUDED GRATEFINE HATO GROUNDWATER: NO NEAREST WATER SOURCE: N. NEARES | m. 7 (2000 1 | | · war | Edition of the Control of the Contro | | | |
|--|--|--|---|--|-------------------|---------------|---|
| DATE STATED: 8/0/0 DATE STATED: 8/0/10 DATE STATED: 8/0/1 | nt: COPC | 1 | 50\$) \$32-0 6 1\$ | (800) 362-18 | | 960 | 52-1767 |
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| - 828 - 828 - 828 | * (BGT) * IR. | SAMPLE | 1 | I | 1 | -N18' | Visually Impacts |
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| | 1 2 0 mm | | | | X=Sam | nple p | trio |

VEL NOTES:

_CALLED OUT:

ONSITE: 16:00 - 17:00



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

ConocoPhillips

Project #:

96052-1767

Sample No.:

1

Date Reported:

8/11/2010

Sample ID:

Composite Sample

Date Sampled:

8/10/2010

Sample Matrix:

Soil

Date Analyzed:

8/10/2010

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

| | | Det. |
|-----------|---------------|---------|
| | Concentration | Limit |
| Parameter | (mg/kg) | (mg/kg) |

Total Petroleum Hydrocarbons

192

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:

San Juan 29-6 #301 SWD

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Sarah Rowland, EIT

Printed

4

Robyn Jones, EIT

Printed



CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

| ~ -1 | Date |
|-----------|---------|
| t :ai | יםומנו. |

10-Aug-10

| Parameter | Standard Concentration mg/L | Concentration Reading mg/L | |
|-----------|-----------------------------------|----------------------------------|---|
| ТРН | 100 | | · |
| | 204 | 193 | |
| | 500 | | |
| | 1000 | | |

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

| Sal Roll | 8/11/2010 |
|--------------------|-----------|
| Analyst | Date |
| Sarah Rowland, EIT | |
| Print-Name (| |
| Mahr M D | 8/11/2010 |
| Review | Date |
| Robyn Jones, EIT | |

Print Name