

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 | Kelsi Harrington |
| Address | 3401 E. 30th St., Farmington, NM 87402 | Telephone No. | 505-599-3403 |
| Facility Name | San Juan 32-8 Unit 226 | Facility Type | Gas Well API #3004527868 |
| Surface Owner | Federal | Mineral Owner | Federal |
| | | Lease No. | SF-079004 |

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|-----------|------------|------------|---------------|------------------|---------------|----------------|-----------------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| A | 15 | 31N | 08W | 836' | North | 891' | East | San Juan |

Latitude **36.90206° N** Longitude **-107.65641° W**

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release – Produced Water | Volume of Release – 25 BBL | Volume Recovered – 18 BBL |
| Source of Release Transfer Pump | Date and Hour of Occurrence Unknown | Date and Hour of Discovery 1/19/2011 10:00 a.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 | RCVD APR 4 '11 |
| By Whom? Kelsi Harrington | Date and Hour – 1/20/2011 3:25 p.m. | OIL CONS. DIV. |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | DIST. 3 |
| If a Watercourse was Impacted, Describe Fully.* | | |

Describe Cause of Problem and Remedial Action Taken.* **Freezing temperatures caused the transfer pump suction pipe to break at the 4" tank valve. Upon discovery, the leak was isolated and a water truck was called to location.**

Describe Area Affected and Cleanup Action Taken * **All fluid remained within the berm and approximately 18 BBL of fluid were recovered. Confirmation sampling occurred and analytical results were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Releases; therefore no further action is 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. <i>Kelsi Harrington</i> | OIL CONSERVATION DIVISION | |
| Printed Name: Kelsi Harrington | Approved by District Supervisor <i>Red Roll</i> | |
| Title Environmental Consultant | Approval Date. 4-4-11 | Expiration Date. |
| E-mail Address: kelsi.g.harrington@conocophillips.com | Conditions of Approval: nJK1122152566 | Attached <input type="checkbox"/> |
| Date. 3/30/11 Phone: 505-599-3403 | | |

* Attach Additional Sheets If Necessary

5



March 25, 2011

Project Number 96052-1914

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 32-8 #226 WELL SITE, SAN JUAN 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 32-8 #226 well site located in Section 15, Township 31 North, Range 8 West, San Juan County, New Mexico, due to a produced water leak. Upon Envirotech's arrival on March 17, 2011, a brief site assessment was conducted. Due to horizontal distance to surface water being between 200 and 1000 feet from the site, depth to groundwater greater than 100 feet and distance to a water source greater than 1000 feet, the regulatory standards for the site were determined to be 1000 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

One (1) composite sample was collected from the affected area surrounding the transfer pump and tank; see enclosed *Field Notes*. 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 enclosed *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.

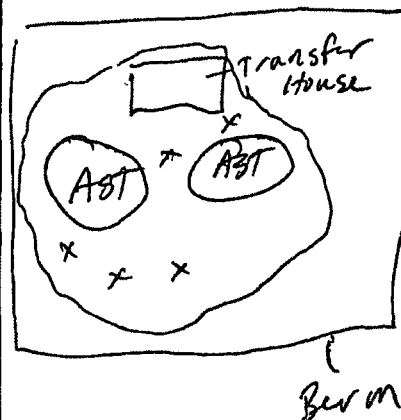

Toni McKnight, EIT
Environmental Project Manager
tmcknight@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results
Cc: Client File 96052

C.O.C. No:

SPECIALIST: TLM/TR

SOIL AND EXCAVATION DESCRIPTION:



TRAVEL NOTES: _____ CALLED OUT: _____ ONSITE: _____



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 1
Sample ID: 5 Pt. Composite
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1914
Date Reported: 3/24/2011
Date Sampled: 3/17/2011
Date Analyzed: 3/17/2011
Analysis Needed: TPH-418.1

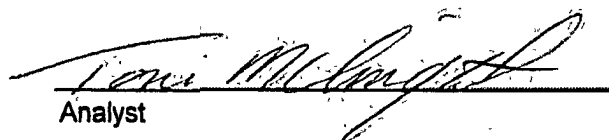
| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|------------------------------|--------------------------|--------------------------|
| Total Petroleum Hydrocarbons | 188 | 5.0 |

ND = Parameter not detected at the stated detection limit.

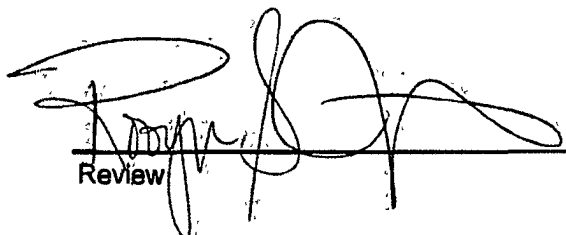
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **San Juan 32-8 #226**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Toni McKnight, EIT
Printed


Review

Robyn Jones, EIT
Printed

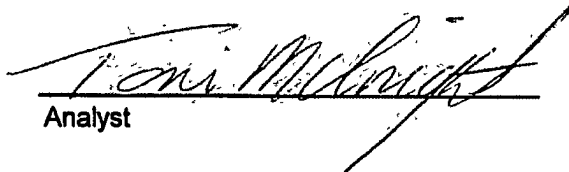


CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 17-Mar-11

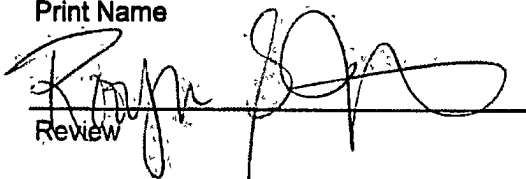
| Parameter | Standard Concentration mg/L | Concentration Reading mg/L |
|-----------|-----------------------------------|----------------------------------|
| TPH | 100 | |
| | 200 | 194 |
| | 500 | |
| | 1000 | |

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


Analyst

Toni McKnight, EIT

Print Name


Review

Robyn Jones, EIT

Print Name

3/24/2011

Date

3/24/2011

Date