

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	FC State Com 4A	Facility Type	Gas Well API#3004532161
Surface Owner	State	Mineral Owner	State
		Lease No.	E 284-21

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	36	31N	09W	1255'	North	1530'	West	San Juan

Latitude **36.85816° N** Longitude **-107.73542° W**

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release – 240 BBL	Volume Recovered – 240 BBL
Source of Release Injection Pump	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 1/4/2011 12:45 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	RCVD APR 4 '11
By Whom? Kelsi Harrington	Date and Hour – 1/5/2011 2:20 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 a check valve at the water transfer pump to freeze and rupture. 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 240 BBL of fluid were recovered. Confirmation sampling occurred. 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>[Signature]</i>	
Title: Environmental Consultant	Approval Date 4-4-11	Expiration Date
E-mail Address kelsi.g.harrington@conocophillips.com	Conditions of Approval <i>JK 1122152791</i>	Attached <input type="checkbox"/>
Date 3/18/11 Phone 505-599-3403		

* Attach Additional Sheets If Necessary

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March 24, 2011

Project No. 96052-1901

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

Phone: (505) 599-3403
Cell: (505) 320-2461

RE: SPILL ASSESSMENT AND CONFIRMATION SAMPLING DOCUMENTATION FOR THE FC STATE COM #4A, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Harrington,

Enclosed please find the field notes and analytical results for the spill assessment and confirmation sampling activities performed at the FC State Com #4A well site located in Section 36, Township 31 North, Range 9 West, San Juan County, New Mexico. Upon Envirotech's arrival, a brief site assessment was conducted and the regulatory standard for the site was determined to be 5000 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.

Prior to Envirotech's arrival on February, 28 2011, the area of the release was contained within the existing berm and approximately 240 barrels of produced water had been suctioned out of the berm. The release was caused by a check valve failure due to freezing temperatures. Two (2) five (5)-point composite surface samples were collected from within the berm. One (1) five (5)-point composite sample was collected from the north half of the berm and one (1) five (5)-point composite sample was collected from the south half of the berm; see attached *Field Notes* for sample locations. The samples were analyzed in the field for TPH using USEPA Method 418.1 and for organic vapors using a photoionization detector (PID). The samples returned results below the regulatory standards for TPH and organic vapors; see attached *Field Notes* for 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.


Crystal Delgai
Environmental Field Technician
cdelgai@envirotech-inc.com

Enclosure(s): Field Notes
Analytical Results

Cc: Client File 96052

Client: Conoco Phillips

**envirotech**

(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Location No:

016052

C.O.C. No:

1901

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF

DATE STARTED: 2/28/11

DATE FINISHED: 2/28/11

LOCATION: NAME: FC State Lom WELL #: 4A

QUAD/UNIT: C SEC: 36 TWP: 31 N RNG: 9 W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 1530' W 1255 N CONTRACTOR:

ENVIRONMENTAL

SPECIALIST: C Delzon

EXCAVATION APPROX. 58 FT. X 47 FT. X 1 FT. DEEP CUBIC YARDAGE:

DISPOSAL FACILITY:

REMEDIATION METHOD:

LAND USE: State

LEASE:

LAND OWNER: Stato

CAUSE OF RELEASE:

MATERIAL RELEASED: Produced Water

SPILL LOCATED APPROXIMATELY: in berm.

FROM

19581

DEPTH TO GROUNDWATER: 440' NEAREST WATER SOURCE: 1958' NA NEAREST SURFACE WATER: 1958'

NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

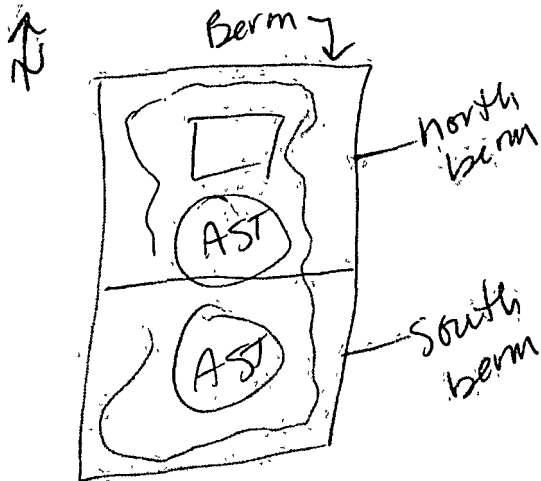
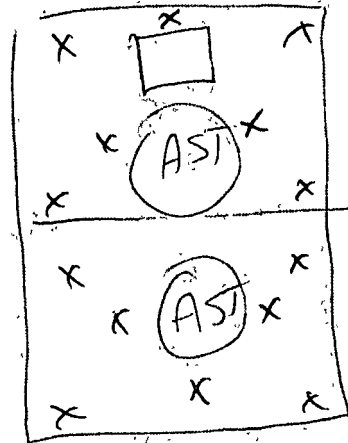
Spill within berm

[illegible]

SPILL PERIMETER

OVM RESULTS

SPILL PROFILE

[illegible]

TRAVEL NOTES: CALLED OUT: ONSITE:



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: ConocoPhillips
Sample No.: 1
Sample ID: North Berm
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1901
Date Reported: 3/22/2011
Date Sampled: 2/28/2011
Date Analyzed: 2/28/2011
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	696	5.0
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ND = Parameter not detected at the stated detection limit.

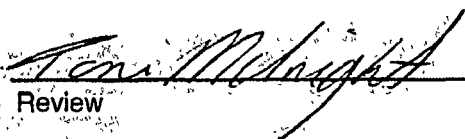
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **FC State Com #4A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Crystal Delgai
Printed


Review

Toni McKnight, EIT
Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: ConocoPhillips
Sample No.: 2
Sample ID: South Berm
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 96052-1901
Date Reported: 3/22/2011
Date Sampled: 2/28/2011
Date Analyzed: 2/28/2011
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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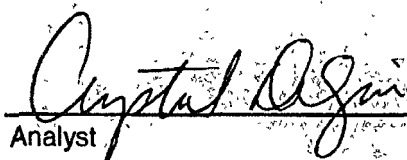
Total Petroleum Hydrocarbons	172	5.0
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ND = Parameter not detected at the stated detection limit.

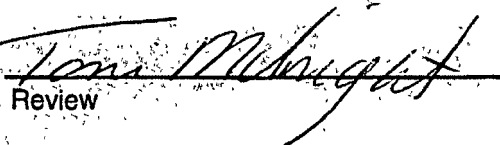
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **FC State Com #4A**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Crystal Delgai
Printed


Review

Toni McKnight, EIT
Printed

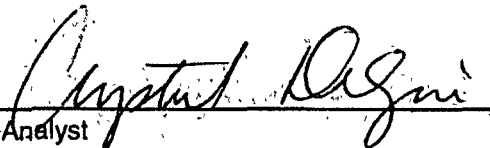


CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 28-Feb-11

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	211
	500	
	1000	

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


Analyst

3/22/2011
Date

Crystal Delgai
Print Name


Review

3/22/2011
Date

Toni McKnight, EIT
Print Name