

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

30-045-35089

OPERATOR

☐ Initial Report

☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Kelsi Harrington
Address	3401 E. 30 th St., Farmington, NM 87402	Telephone No.	505-599-3403
Facility Name	FC State Com 34S	Facility Type	Gas Well
		API #	3004535089
Surface Owner	State	Mineral Owner	State
		Lease No.	E-9224-5

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	02	27N	08W	1800'	North	890'	West	San Juan

Latitude 36.606109° N Longitude -107.5556° W

NATURE OF RELEASE

Type of Release – Drilling Mud	Volume of Release – 5 BBL	Volume Recovered – 5 BBL
Source of Release: Shaker Screen	Date and Hour of Occurrence 10/20/10 4:00 p.m.	Date and Hour of Discovery 10/20/10 4:01 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour –	
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.*

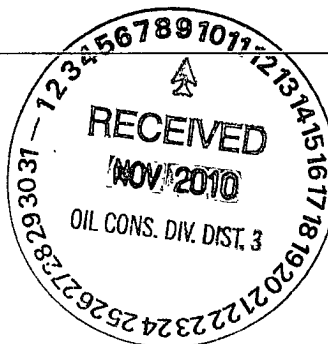
Describe Cause of Problem and Remedial Action Taken.* On October 20, 2010, a drilling rig derrickhand hit the off button to the #1 shale shaker causing mud to run over the screen into the closed loop catch bin and onto the ground. Immediately the #1 shale shaker was started back up to stop the mud from running over the screen.

Describe Area Affected and Cleanup Action Taken.* All drilling mud remained on location and approximately 5 BBL of mud 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: Kelsi Harrington	OIL CONSERVATION DIVISION	
Printed Name: Kelsi Harrington	Approved by District Supervisor: Jonathan D. Kelly	
Title: Environmental Consultant	Approval Date: 3/6/2012	Expiration Date:
E-mail Address: kelsi.g.harrington@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11/2/10 Phone: 505-599-3403		

* Attach Additional Sheets If Necessary



nJK120650340



November 4, 2010

Project No. 96052-1820

45-35089

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

Phone: (505) 599-3403
Fax: (505) 599-4005

RE: CONFIRMATION SAMPLING DOCUMENTATION FOR THE FC STATE COM #34S WELL SITE, SAN JUAN COUNTY, NEW MEXICO

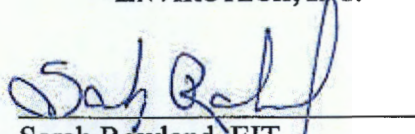
Dear Ms. Harrington,

Enclosed are the field notes and analytical results for confirmation sampling activities performed at the FC State Com #34S well site located in Section 2, Township 27N, Range 8W, San Juan County, New Mexico. Upon Envirotech personnel's arrival on October 21, 2010, a brief site assessment was conducted. Because depth to groundwater was between 50 and 100 feet and horizontal distance to surface water was between 200 and 1,000 feet, the regulatory standards for the site were determined to be 100 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) five (5)-point composite sample was collected at three (3) inches below ground surface from the area where approximately five (5) barrels of drill mud spilled; see attached *Field Notes*. Prior to Envirotech personnel's arrival, the drill mud had been removed from the spill area. 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 above the regulatory standard for TPH but below the regulatory standard for organic vapors. The composite sample was then placed into a four (4)-ounce glass jar, capped head space free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015. The sample returned results below the regulatory standard for TPH using USEPA Method 8015; see attached *Analytical Results*. Therefore, Envirotech, Inc. recommends no further action in regards to this incident.

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

Respectfully Submitted,
ENVIROTECH, INC.


Sarah Rowland, EIT
Staff Engineer
srowland@envirotech-inc.com

Enclosure(s): Analytical Results
Field Notes



envirotech

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-1820
Sample No.:	1	Date Reported:	10/26/2010
Sample ID:	Five (5)-Point Composite	Date Sampled:	10/21/2010
Sample Matrix:	Soil	Date Analyzed:	10/21/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	168	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: **FC State Com #34S**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst

Sarah Rowland, EIT

Printed

Review

Robyn S. Jones, EIT

Printed



envirotech

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 21-Oct-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	180	184
	500	
	1000	

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

Analyst

10/26/2010

Date

Sarah Rowland, EIT

Print Name

Review

10/26/2010

Date

Robyn S. Jones, EIT

Print Name



envirotech
Analytical Laboratory

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

Client:	ConocoPhillips	Project #:	96052-1820
Sample ID:	5 Pt Composite	Date Reported:	10-25-10
Laboratory Number:	56276	Date Sampled:	10-21-10
Chain of Custody No:	10577	Date Received:	10-22-10
Sample Matrix:	Soil	Date Extracted:	10-22-10
Preservative:	Cool	Date Analyzed:	10-25-10
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	

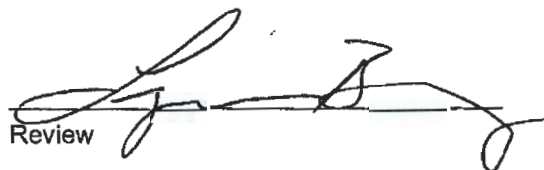
ND - Parameter not detected at the stated detection limit.

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

Comments: **FC State Com 34S**



Analyst



Review



envirotech

Analytical Laboratory

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-25-10 QA/QC	Date Reported:	10-25-10
Laboratory Number:	56273	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-25-10
Condition:	N/A	Analysis Requested:	TPH

	Cal Date	LOA REF	COA REF	% Difference	Accept Range
Gasoline Range C5 - C10	10-25-10	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	10-25-10	9.9960E+002	1.0000E+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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

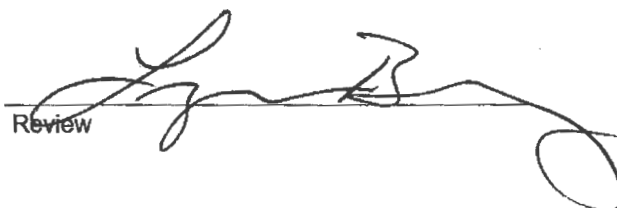
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	253	101%	75 - 125%
Diesel Range C10 - C28	ND	250	253	101%	75 - 125%

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 56273, 56276, 56281-56283


Analyst


Review

CHAIN OF CUSTODY RECORD

10577

Client: ConocoPhillips			Project Name / Location: FC State Com 345			ANALYSIS / PARAMETERS														
Client Address:			Sampler Name: S. Rowland			* TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Client Phone No.:			Client No.: 96052-1820																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative H ₂ O ₂ HCl														
5 pt. composite	10/21/10	16:45	56270	Soil Solid	Sludge Aqueous	1/4 oz													X	X
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
Relinquished by: (Signature) Sah Bahl				Date 10/22/10	Time 7:10	Received by: (Signature) [Signature]				Date 10/22/10	Time 7:10									
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														



5796 US Highway 84 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

Client: COPCLocation No: 96052-1820
C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1LOCATION: NAME: FC State Cor WELL #: 345
QUAD/UNIT: E SEC: 2 TWP: 27 N RNG: 8 W PM: NM CNTY: SA ST: NM
QTR/FOOTAGE: 890 TEL 1800 FNL CONTRACTOR:DATE STARTED: 10/2/10
DATE FINISHED: 10/2/10
ENVIRONMENTAL
SPECIALIST: S. RowlandEXCAVATION APPROX: — FT. X — FT. X — FT. DEEP CUBIC YARDAGE: —

DISPOSAL FACILITY: REMEDIATION METHOD:

LAND USE: LEASE: LAND OWNER:

CAUSE OF RELEASE: Accident Spill MATERIAL RELEASED: Drill Mud ~ 5 bblSPILL LOCATED APPROXIMATELY: 30 FT. 130° FROM WH
DEPTH TO GROUNDWATER: 54' NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: 200-1000
NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

Drill mud spill 10/2/10 - cleaned & scraped up
spot (~3" diameter) evidence on arrival
Took 5 pt composite sample @ 3" BGS

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
180 Std	16:30	—	—	—	—	—	184	—
5pt Composite	16:45	1	1	5	20	4	42	168

SPILL PERIMETER

OVM
RESULTS

SPILL PROFILE

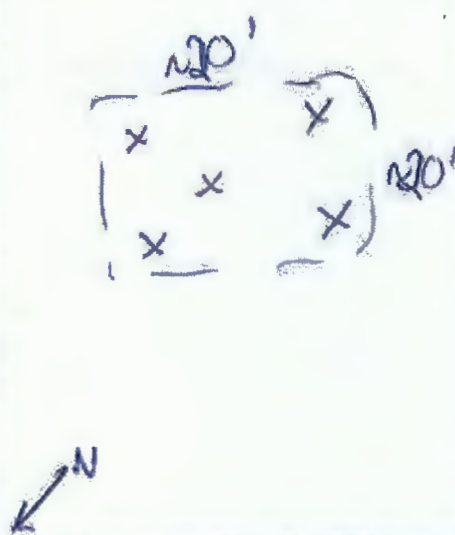


SAMPLE ID FIELD HEADSPACE PID (ppm)

100 Std 42.6
1 ND

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1	1015	

TRAVEL NOTES: CALLED OUT: ONSITE: 16:00-16:45