District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 R10 Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

Name of Company ConocoPhillips Company

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 hmit 2 Copies to appropriate

Final Report

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

Initial Report

Release Notification and Corrective Action

OPERATOR

Contact Shelly Cook-Cowden

		ⁿ St., Farm	ington,	NM 87402	,	Telephone No. 505-324-5140									
Facility Nan	ne: Nickso	on #13				Facility Typ	e: Gas API 300	45201	68						
Surface Own	ner: Fedei	ral		Mineral O	wner: I	Federal	· · ·		Lease N	Io.: SF - 078431					
				IOCA	TION	OF REI	FASE								
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	West Line	County					
M	26	26N	8W	790		OUTH	915	ı	EST	San Juan					
		•	L	atitude <u>36.4526</u>	<u>51</u> ° N	Longitud	ie <u>-107.65773</u> °	W							
				NAT	URE	OF RELI	EASE								
Type of Relea	ase: Produ	ced Water					Release: Unkno	wn	Volume R						
Source of Release: BGT Activities							lour of Occurrenc	e		Hour of Discovery					
117 7 11	. 37 /					Unknown	11/1 0		February						
Was Immedia	ate Notice (Yes F	No 🛭 Not Re	ouired	If YES, To	. Whom?			191213742					
By Whom?			165	, no Zanotne		Date and H	lour			3,01912137475767					
Was a Water	course Read	ched?					olume Impacting t	he Wate	ercourse.	(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B					
			Yes 🗵] No						S RECEIVED SO OIL CONS. DIV. DIST. 3 &					
If a Watercou	irse was Im	pacted, Descr	ibe Fully.	k		•		-	16	APRIZOM 021					
									/	2 OIL CONS. DIV. DIST. 3 E/					
		em and Reme		n Taken.*						K. 4.0					
Below Grad	e Tank clo	sure activitie	S							COE OF DELIZONE VICE					
		and Cleanup A					-								
										ssment was then conducted andards set forth in the					
				s, Spills and Rele				, the re	guintory st	andards set for the fire					
	0 1 11					1		1 .	1.1.	W NIMOGD 1					
										uant to NMOCD rules and eases which may endanger					
										eve the operator of liability					
should their o	perations h	ave failed to a	adequately	investigate and re	emediate	e contaminati	on that pose a thre	eat to gi	round water	, surface water, human health					
				otance of a C-141	report d	oes not reliev	e the operator of	respons	ibility for co	ompliance with any other					
rederal, state,	or local la	ws and/or regu	nations.				OIL CONS	SERV	ATION	DIVISION					
		_	_				OIL COM	OTTK A	73 1 1 O I V	DIVIDIOIN					
Signature:	Sheooy	Cook-On	oda_												
						Approved by	District Supervise	or:	Rd 6	2/					
Printed Name	e: Shelly Co	ook-Cowden					en								
Title: Enviro	nmental Te	chnician				Approval Da	te: 4/13/11		Expiration 1	Date:					
E-mail Addre	ss: Shelly.	g.Cook-Cowo	len@Cond	ocoPhillips.com	(Conditions of	f Approval:		Attached						
l D			505	224 5146		TVIII	22146665			Attached [_]					
Date: April 1		ets If Necess		324-5140		117011	x 217666	ر							



April 5, 2011

Project Number 96052-1897

Phone: (505) 599-3403

Ms. Shelly Cook-Cowden ConocoPhillips 3401 East 30th Street Farmington, New Mexico 87401

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE NICKSON #13 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Cook-Cowden,

Enclosed please find the field notes and analytical results for below-grade tank (BGT) closure activities performed at the Nickson #13 well site located in Section 26, Township 26 North, Range 8 West, San Juan County, New Mexico. Upon Envirotech personnel's arrival on February 16, 2011, one (1) five (5)-point composite sample was collected from beneath the former BGT. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1, for organic vapors using a photoionization detector (PID), and for chlorides. The sample returned results above the regulatory standard of 100 parts per million (ppm) TPH, confirming a release did occur.

A brief site assessment was conducted and the regulatory standards were determined to be 5000 ppm TPH and 100 ppm organic vapors pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. The sample from beneath the former BGT returned results below the regulatory standard for TPH using USEPA Method 418.1; see attached *Field Notes*.

Envirotech personnel revisited the site on March 1, 2011, to collect one (1) sample from the former BGT. The sample was collected six (6) feet below ground surface (BGS) from the center of the former BGT. The sample was analyzed in the field for TPH using USEPA Method 418.1, for organic vapors using a PID, and for chlorides. Additionally, the sample was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for benzene and BTEX using USEPA Method 8021 and for total chlorides using USEPA Method 4500. The sample returned results below the regulatory standards for all constituents analyzed; see attached *Analytical Results*.

ENVIROTECH INC ENVIRONMENTAL SCIENTISTS & ENGINEERS S796 U.S. HIGHWAY 64 - 3014 FARMINGTON, NEW MERKICO 87401 DATE STRATED: 2 _ 1 _ 1 1 FARMINGTON, NEW MERKICO 87401 FIELD REPORT: BGT / PTT CLOSURE VERIFICATION IDCATION: NAME: N. C.K.(IN) WELL II. TEMP PIT: PERMANENT PIT: BGT / PM / M/M / M OTREFOOTAGE CNTY: Son July ST: N/M OTREFOOTAGE CNTY: Son July ST: N/M FI. X FT. DEP CUBIC YARDAGE BENSOAL FACE CNTY: Son July ST: N/M DEPTH TO GROUNDWATELY LAND OWNER: DOWNER: API: BGT / PTT VOLUME: Y64/ DOWNER: DOWNER: DOWNER: API: BGT / PTT VOLUME: Y64/ FROM WELLHEAD DEPTH TO GROUNDWATER. DOWNER:	Reduced 1 - E	1 2 2 4		- 2 market	Ter. Title b		1-3-1				
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CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date:

16-Feb-11

The second se		
Stand	ard Concentration	
Concent	ration Reading	
Parameter mg/	L mg/L mg/L	
	A	
TPH 100)	
200	201	. *, *
500)	
1000	0	`

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

Cofficient S		2/22/2011
Analysi	Date	
Scott:Gonzales		
Print-Name.		
		2/22/2011
Revièw	Date	
Robyn Jone's		
Print Nama		

Client: (10 PC	1	*1-		nviro	tech	NE I	Location N	0:3004	520
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FIELD REPORT	: SPILL CLO	OSURE V	ERIFIC	ATION			PAGE NO	20	OF Z
<u> </u>	·	<u> </u>		<u> </u>	>			ARTED: 2	
LOCATION: NAME QUAD/UNIT:	SEC: 21			PM: P	CNTYPA	ST: 8:TZ		ISHED: ? MENTAL	<u> </u>
OTR/FOOTAGE: Sw			CONTRAC					st. Pou	e'
EXCAVATION APPRO	X:	FK X.	义人	FT. X	$\times\!$	FT. DEEP	CUBIC YA	RDAGE:	$\overline{\mathbf{x}}$
DISPOSAL FACILITY:				REMEDIATION	ON METHO	DD:			<i>ZZ</i>
LAND USE:		(R/T)	LEASE:	FO784	S/ELEASED	LAND OW	NER re	<u> </u>	1 41
SPILL LOCATED APPI							See See See	201 1 10 1	
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SAMPLE BESCRIPTE		SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING 201	CALC	. ppm
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TRAVEL NOTES.		and the second second second second second							



CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date:	T-Mar-TT	eggend	•	
Con	Standard Concentration mg/L	oncentration Reading mg/L		
TPH	100 200 500 1000	200		

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

- Payan	3/28/2011
Analyst	Date
Rene Garcia	
Print Name	
Krown NG	3/28/2011
Review	Date
Robyn Jones, EIT	* * *

Print Name



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client'	N/A	F	Project #:		N/A				
Sample ID:	0302BBLK QA/Q0		Date Reported:	•	03-02-11				
Laboratory Number:	57422	Ε	Date Sampled:	1	N/A				
Sample Matrix:	Soil		Date Received:	I	N/A				
Preservative:	N/A		Date Analyzed:	Į.	03-02-11				
Condition:	N/A	, A	Analysis:	1	BTEX				
Calibration and Detection Limits (ug/L)	I-Cal RF.	C-Cal RF: Accept/ Range	Dilution: WDiff. e 0 = 15%	Blank Conc	0 Detect Limit				
Detection Limits (ug/L)		C-Cal RF: Accept/ Range	%Diff. e 0 = 15%	Blank Conc	Detect. Limit				
Detection Limits (ug/L)		C-Cal RF:	%Diff.	Blank	Detect				
	1.3363E+005	C-Cal RF: Accept Range 1.3390E+005	. %Diff. e 0 ∹ 15% 0.2%	Blank Conc ND	Detect Limit 0.1				
Detection Limits (ug/L) Benzene Toluene	1.3363E+005 1.4686E+005	C-Cal RF: Accept/ Range 1.3390E+005 1.4716E+005	%Diff. e 0 = 15% 0.2% 0.2%	Blank Conc ND ND	Detect Limit 0.1 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	1.5	1.6	6.7%	0 - 30%	0.9						

Spike Conc. (ug/Kg)	Sample Amo	ount Spiked Spi	ked Sample : // %	Recovery :	Accept Range	
Benzene	ND	500	517	103%	39 - 150	
Toluene	ND	500	520	104%	46 - 148	
Ethylbenzene	ND	500	515	103%	32 - 160	
p,m-Xylene	ND	1000	1,030	103%	46 - 148	
o-Xylene	1.5	500	518	103%	46 - 148	

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

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 Photolonization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for Samples 57421-57423, 57432, 57440-57441

CHAIN OF CUSTODY RECORD

11768

Client:		F	Project Name / I	Location:		Special Specia							36	ANALYSIS / PARAMETERS						va				
COPC			MICKSO Sampler Name:	h #	13/	BGT	C	10	3	7	1_	:0 4		., ` ,				٠,	·					
Client Address:		8	Sampler Name: Client No.:	,		1 2				TPH (Method 8015)	BTEX (Method 8021)	()	- 4	£',',	٠, ٠				Y L.					ļ
			Row 6	wel	$\subseteq R$	epes	•			8 01	98	VOC (Method 8260)	<u> </u>			<u>a</u>								
Client Phone No.:			Client No.:				` -	-=-		pou.	Î.	<u> </u>	RCRA 8 Metals	Cation / Anion		TCLP with H/P		<u>=</u>	m			1 .	Cool	Sample Intact
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Sample No./	Sample	Sample	Lab No.	S	ample	No./Volume				, H	띹	ည	AH.	ig	RCI	- E	PAH	표	무	4		· .	Sample (amp
Identification	Date	Time	Í		Matrix	Containers	HgCl	HCI	9	<u> </u>	<u>m</u>	- > -			Ĕ	<u> </u>	2		Ö			*:- /		
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