District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Responsible Party Hilcorp Energy

Contact Name Clara Cardoza

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

I Release Notification

Responsible Party

OGRID 372171

Contact Telephone 505-564-0733

Contact ema	ail <u>ccardoza@</u>	hilcorp. com		Incident #(assigned by OCD)					
Contact mai	ling addres	s 382 CR 3100 A	Aztec NM 874	10					
			Locatio	n of	Release	Source			
Latitude 36.	749622 <u>3</u>		(NAD 83 ii	n decimal		108. 01898 <u>96</u> decimal places)	<u> </u>		
Site Name Fi	ifield 5 1				Site Typ	e Well Site (Pl	ugged)		
Date Release	Discovere	d06/01/2017			API# (if app	plicable)30-045-086	540		
Unit Letter	Section	Township	Range		Cour	nty]		
N	05	29N	11W	San	Juan				
	Materia		Nature and atta	nd Vo	lume of l	justification for the	volumes provided below)		
Crude Oil		Volume Release				Volume Reco	` '		
Produced	Water	Volume Release	, ,			Volume Reco	` '		
		Is the concentrate produced water		d chlorid	e in the	Yes N	10		
Condensa	nte	Volume Release				Volume Reco	vered (bbls)		
☐ Natural G	as	Volume Release	d (Mcf)			Volume Reco	vered (Mcf)		
Other (de	scribe)	Volume/Weight Unknown	Released (prov	ride units)	Volume/Weig	ght Recovered (provide units)		
Historic Hyd	rocarbon	Unknown				0			
Cause of Rele During BGT		vities of P&A well	l, historic conta	mination	was discove	ered under the N	orth BGT.		

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	Historic release
19.15.29.7(A) NMAC?	
☐ Yes ☐ No	
If YES, was immediate no N/A	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.
☐ The impacted area has	s been secured to protect human health and the environment.
Released materials ha	ve been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	l above have <u>not</u> been undertaken, explain why:
This is a historia release a	- define the second of the time of discovery
This is a mistoric release a	nd there was no active source at the time of discovery.
has begun, please attach a	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environn failed to adequately investigated to adequate the control of the c	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have at and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name:Clara Ca	ardoza Title:Environmental Specialist
Signature: Uar	Date:3/5/2019 Telephone:505_564_0733
email:ccardoza@hilcon	rp.com Telephone:505.564.0733
OCD Only	
Received by:	Date:

Form C-141 Page 5

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.											
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)											
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.											
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.											
Extents of contamination must be fully delineated.											
☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.											
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. Printed Name:Clara Cardoza Title:Environmental Specialist											
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$											
Signature: Date:3/5/2019											
email:ccardoza@hilcorp.com Telephone:505.564.0733											
OCD Only											
Received by: Vanessa Fields Date: 3/5/2019											
Approved											
Signature: Date: 3/6/2019											





February 28, 2019

Ms. Clara Cardoza Hilcorp Energy Company 1111 Travis Street Houston, Texas 77002

Re: Site Characterization and Remedial Action Plan

Fifield 5 No. 1

Hilcorp Energy Company San Juan County, New Mexico

Dear Ms. Cardoza:

At the request of Hilcorp Energy Company (Hilcorp), Timberwolf Environmental, LLC (Timberwolf) presents this site characterization and remedial action plan for the Fifield 5 No. 1 (Site). The Site is located approximately 3.3 miles northwest of Bloomfield, in San Juan County, New Mexico (Figures 1 – 3).

The purpose of this document is to: 1) summarize initial assessment activities, 2) present additional site characterization activities, and 3) outline the preferred remedial option to bring the Site to regulatory closure.

Environmental Setting

The area consists of sparse vegetative cover comprised primarily of scrub brush. Average elevation at the Site is approximately 5,788 feet (ft) above mean sea level. There are no surface bodies of water within a one-mile radius of the Site; groundwater is expected to be greater than 50 ft below ground surface (bgs).

According to the U.S. Department of Agriculture – Natural Resources Conservation Service (USDANRCS), the Site soil consists of the Gypsiorthids-Badland-Stumble complex, 5 to 30 percent slopes. The surface layer consists of sandy loam, underlain by lithic bedrock encountered between 16 to 20 inches bgs. Native salinity of the soil is very slightly saline to slightly saline (2.0 to 4.0 millimhos per centimeter (mmhos/cm)).

Site Overview

Historically, the Site has consisted of one above-ground storage tank (AST) and one below-grade tank (BGT). On or about 06/01/17, during the removal and closure of the BGT, historical contamination was discovered beneath the BGT. Initial assessment efforts were conducted by Rule Engineering, LLC (Rule), a subcontractor of ConocoPhillips Company (ConocoPhillips), prior to Hilcorp's acquisition of the property in 2017.

The initial assessment identified constituents of concern (COCs) as: total BTEX (i.e., benzene, toluene, ethylbenzene, and xylenes) and total petroleum hydrocarbons (TPH).

Regulatory Criteria

According to the ConocoPhillips' BGT permits, the closure standards for the BGT are derived from the New Mexico Administrative Code (NMAC) 19.15.17 (Pits, Closed Loop Systems, Below Grade Tanks, and Sumps) Section H (Reclamation of pit locations, onsite burial locations and drying pad locations.). The permit specified the most stringent closure criteria for a release from a BGT. The regulatory criteria for the Site is presented in Table 1 below.

Table 1. Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits where Contents are Removed

Depth below bottom of pit to groundwater less than 10,000 mg/L TDS	Constituent	Laboratory Method	Regulatory Limit (mg/kg)
	Chloride	EPA 300.0	600
	TPH	EPA SW-846 Method 8015M	100
< 50 feet	Total BTEX	EPA SW-846 Method 8021B or 8260	50
	Benzene	EPA SW-846 Method 8021B or 8260	10

EPA –Environmental Protection Agency SW – solid waste

Initial Assessment

On 12/22/17 and 02/05/18-02/07/18, Rule utilized a rotary drilling rig equipped with a hollow-stem auger for soil sample collection. Soils borings were logged for morphological characteristic and field screened for volatile organic compounds (VOCs) using a photoionization detector (PID).

Rule collected thirteen soil samples from ten borings (i.e., SB1 – SB10) using a rotary drilling rig equipped with hollow-stem augers. Locations of soil borings are shown in Figure 4. Total depths of each boring ranged from 31 to 56 ft bgs. Groundwater was not encountered.

Soil encountered at the Site typically consisted of shale or clay underlain by dense clay or sandstone. PID readings ranged from < 1.0 parts per million (ppm) to 3,003 ppm. The highest concentration of VOCs was observed in SB1 at approximately 27 ft bgs. PID readings and laboratory results are recorded in the Appendix.

Soil samples selected for laboratory analysis included the intervals exhibiting the highest PID readings. Soil samples were analyzed for one or more of the following:

- BTEX
- TPH-GRO, TPH-DRO, and TPH-MRO (extended range)



Findings of the Initial Assessment

Analytical results from the initial assessment revealed the following:

- Total BTEX concentrations exceeded regulatory criteria in two soil samples: SB1 27.5-28.5' and SB5 17.5-18.5'
 - SB1 was situated west and upgradient from the BGT; SB5 was situated east and downgradient form the BGT
 - Total BTEX exceedances ranged from 64 mg/kg to 216 mg/kg; the highest concentration was observed in SB1 27.5-28.5
- TPH concentrations exceeded regulatory limits in seven soil samples
 - TPH exceeded regulatory criteria in SB1 27.5-28.5', SB1 35-36', SB2 15-16', SB2 35-36', SB4 22.5-23.5', SB5 17.5-18.5', and SB6 25-26'
 - o TPH exceedances ranged from 232 mg/kg to 3,210 mg/kg; the highest concentration was observed in SB1 27.5-28.5'.
 - The primary hydrocarbon component was GRO
- Concentrations of all other COCs were below regulatory criteria
- Delineation was not achieved at the Site
 - o The vertical extent of impacted soil is not well defined but approximated at 45 ft bgs
 - The horizontal extent of impacted soil was well defined to the west, south and east; an
 additional boring and laboratory analysis is required to the north/northwest (i.e.
 upgradient) for complete horizontal delineation

Site Characterization Plan

Site soil is comprised of shale or clay underlain by dense clay or sandstone. The thickness of the clay/shale unit ranges from 10 to 25 ft bgs across the impacted area. The topographical surface elevation dips to the southeast. Field screening and laboratory analysis reveal that hydrocarbon impacted soil is generally limited to the sandstone lithological feature.

The horizontal distribution of hydrocarbons suggest that the sources of hydrocarbon contamination are from a historical release from the removed BGT. Samples collected within the impacted soil area (SB1, SB2, SB4, SB5, and SB6) exhibited the highest concentrations of total BTEX and TPH. SB1 was situated immediately adjacent to the point of release (i.e. upgradient from the BGT); SB2, SB4, SB5, and SB6 were all situated southeast and downgradient from the point of release. SB7, SB8, and SB10 provided horizontal delineation to the west, south and east, respectively. Note: SB3 was installed to the northwest; however, no sample analysis was conducted. Locations of each soil boring are shown in Figure 4.



Concentrations of petroleum hydrocarbons in the sandstone at depths of 41 ft bgs indicates that the sandstone is not a reliable geological barrier. Horizontal migration of petroleum hydrocarbons is slowed by the dense features of the clay, shale, and sandstone as depicted in Exhibit A1 and Exhibit A2 (i.e., Cross-Sectional View of PID Readings). Timberwolf recommends three additional soil borings (i.e., SB11 – SB13) to determine vertical and horizontal extents of constituents. One boring will be located within the former tank battery to vertically delineate. The two additional borings will be installed to the northwest and the southeast for horizontal delineation. Proposed borings are presented in Figure 4.

Soil borings will be advanced utilizing a rotary drilling rig equipped with hollow-stem augers. Soil samples will be logged continuously from the ground surface to the total depth of each boring or until hollow-stem auger refusal. Borings will be logged for morphological characteristics and field screened for VOCs using a PID.

Soil samples selected for laboratory analysis from each boring will include intervals exhibiting the highest PID readings to demonstrate horizontal and vertical delineation. Soil samples will be placed in laboratory-provided sample containers, stored on ice, and transported under proper chain-of-custody protocol to an accredited laboratory for chemical analysis. Soil samples will be analyzed for one or more of the following:

- BTEX by SW-846 EPA Method 8021 or 8260
- GRO, DRO, and MRO (extended range) by SW-846 EPA Method 8015M

Additionally, samples will be collected for from each geological unit for geotechnical analysis to determine soil characteristics at the Site (i.e., hydraulic conductivity, bulk density, porosity, etc).

Remedial Action Plan

The initial assessment revealed the COCs at this Site include total BTEX and TPH; most of the TPH was observed in the gasoline range (i.e., C₆-C₁₀). Total BTEX and GRO are readily degradable by bioremediation and volatilization which can be achieved in situ.

A soil-vapor extraction (SVE) system can be installed at the Site to achieve in situ treatment of impacted soil. Timberwolf recommends installation of approximately 13 to 15 SVE wells, each constructed of 2-inch PVC and screened across the impacted intervals. Wells will be piped to a manifold system powered by a vacuum pump or blower. The system runtime will be between 4-6 hours to prevent preferential pathways from developing.

A detailed SVE system will be designed once geotechnical data is available. A Site Remediation Plan presenting the designed SVE system, operation and maintenance schedule, and anticipated closure timeline will be submitted to the NMOCD for approval prior to system installation.

Soil will be monitored periodically. Once regulatory compliance is achieved the SVE system will be discontinued and dismantled.



HEC-190009 February 28, 2019 Page 5

Timberwolf appreciates the opportunity to provide Hilcorp with our professional consulting services. If you have any questions regarding this proposal, please contact us at (979) 324-2135.

Jim Foster

President

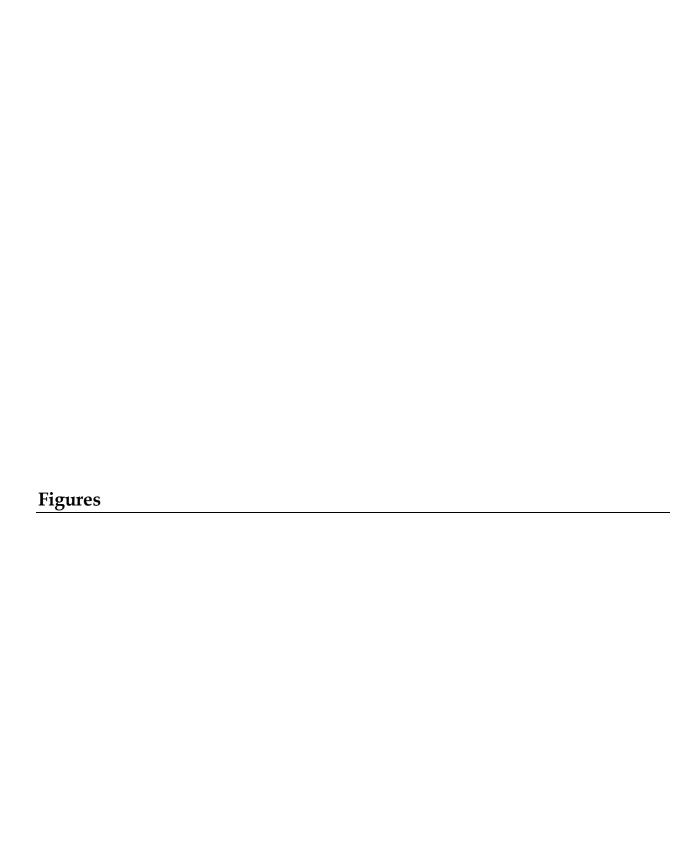
Sincerely,

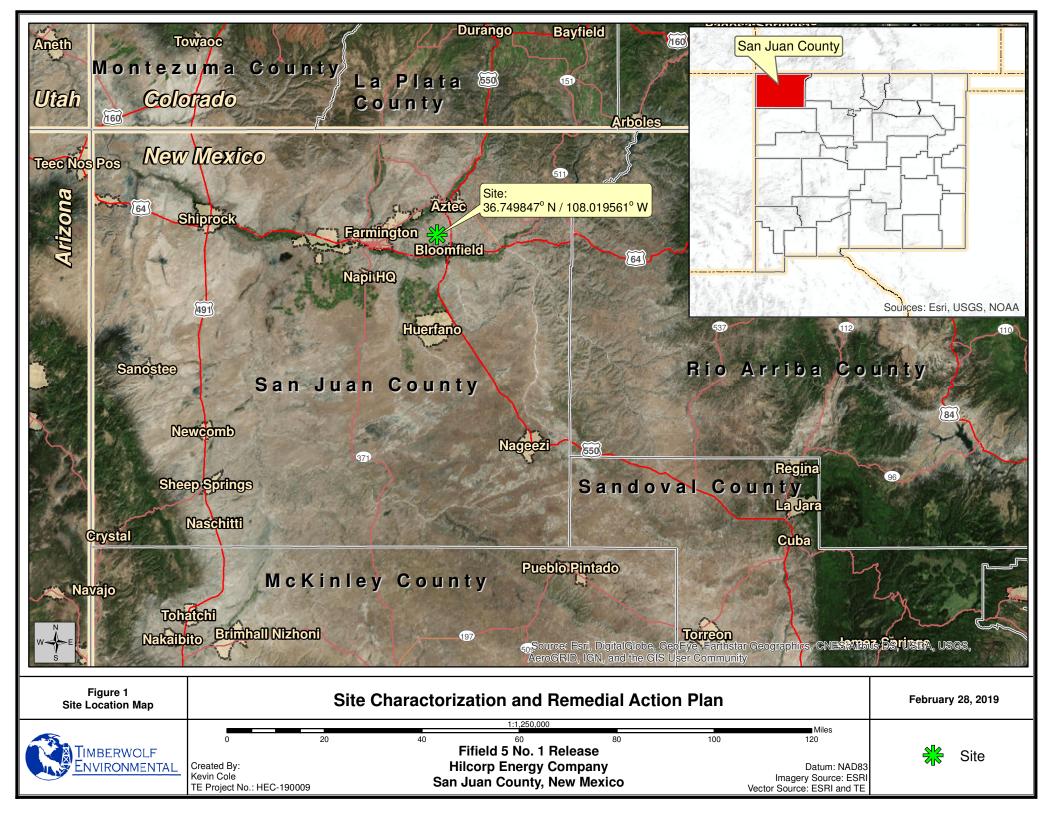
Timberwolf Environmental, LLC

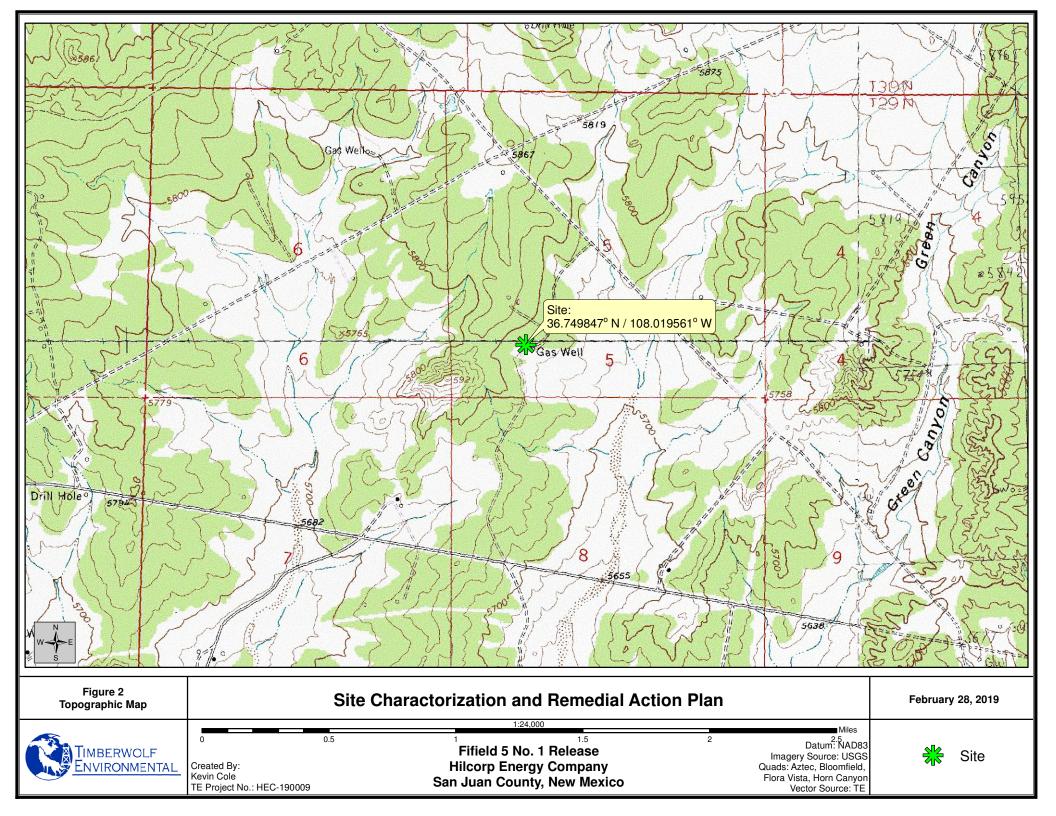
Clay Morris Project Scientist

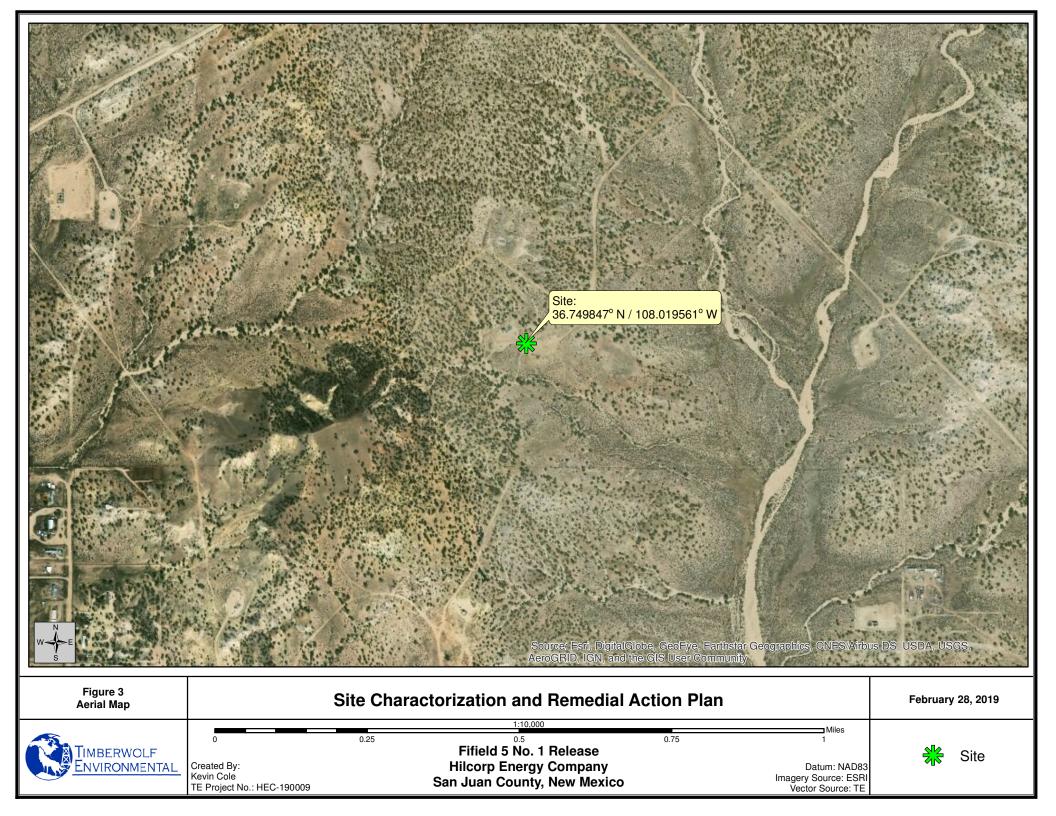
Attachments: Figures

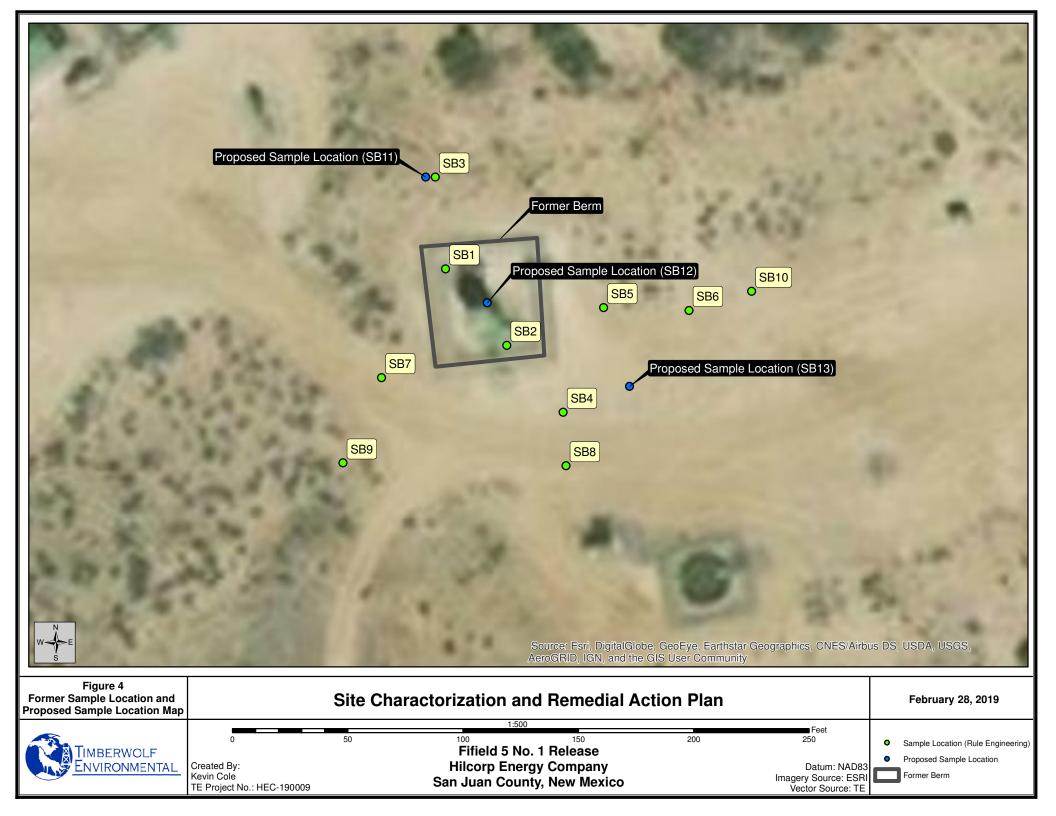
Exhibits Appendix

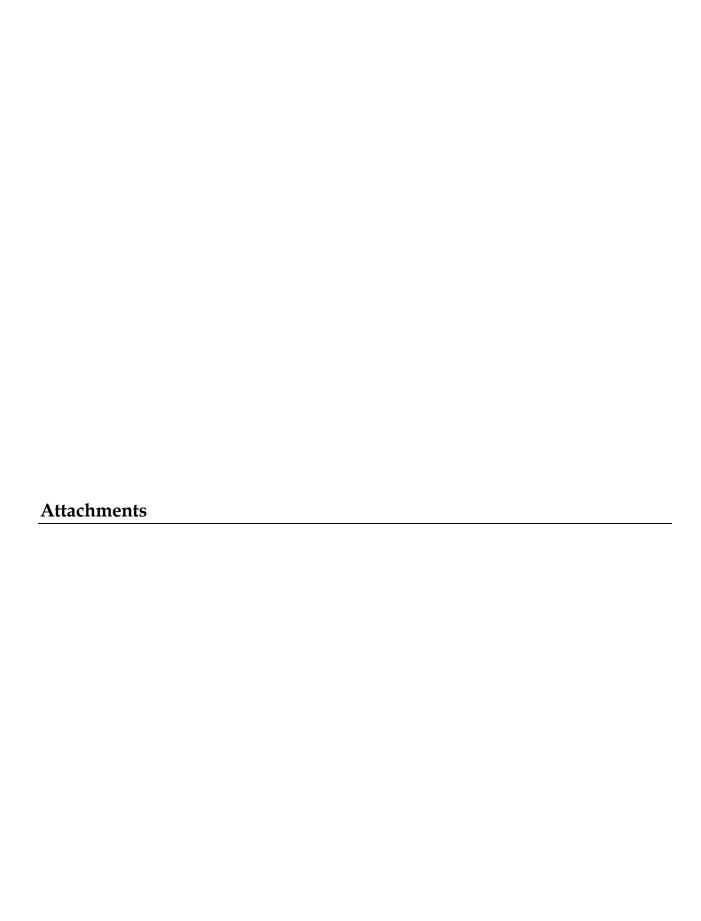


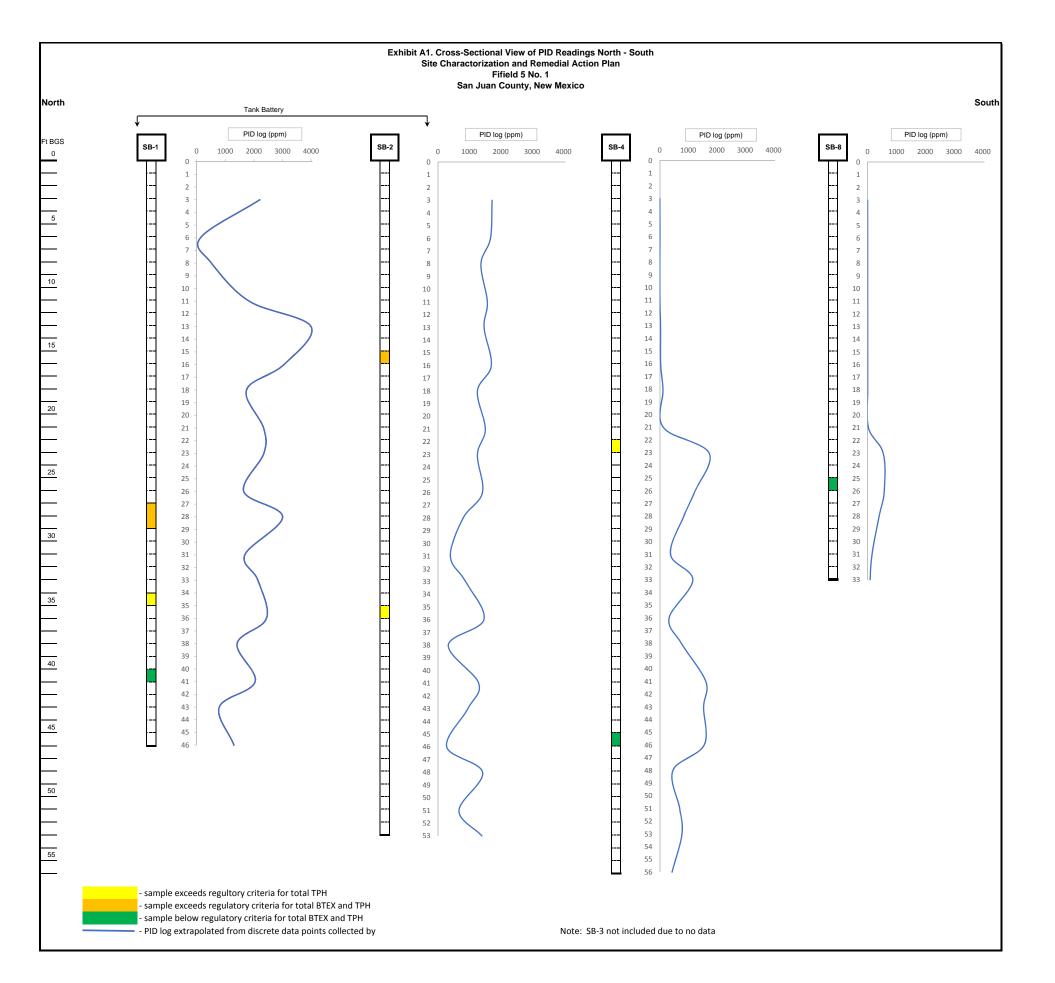




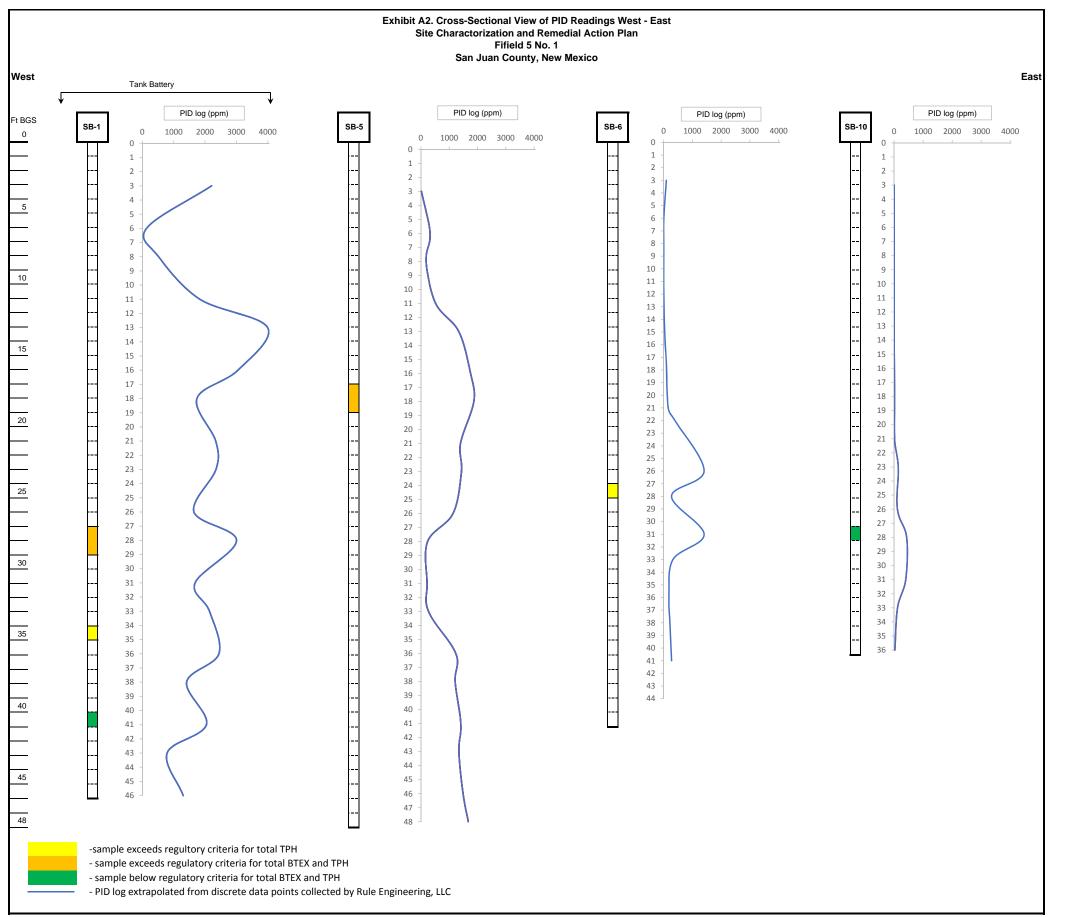














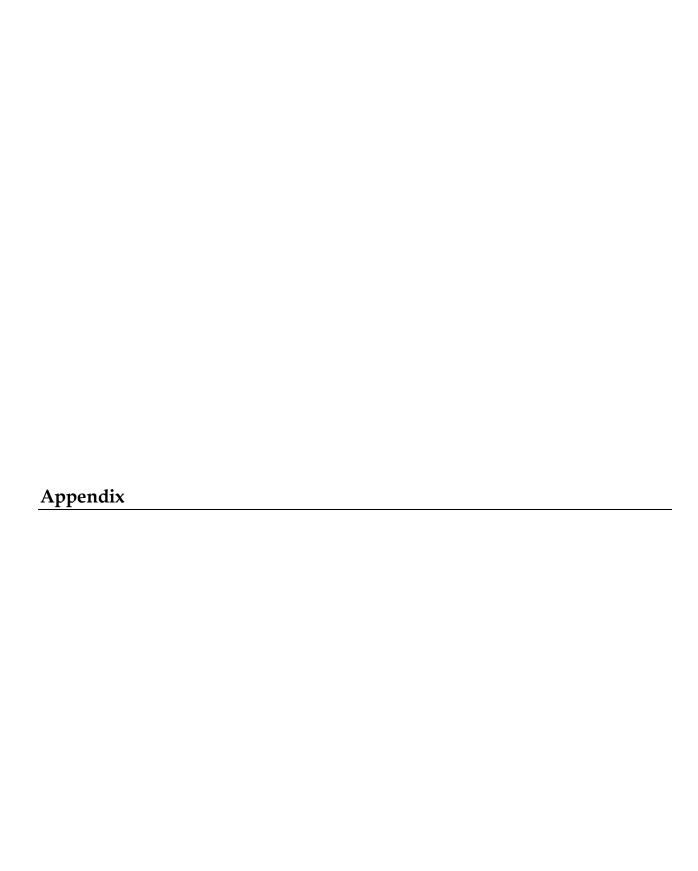


Table B. Soil Boring Field Screening and Laboratory Analytical Results Summary ConocoPhillips Fifield 5 #1 San Juan County, New Mexico

			Field Results				La	boratory Resu	ılts			
Sample Name	Date		Field VOCs by PID (ppm)		Toluene (mg/kg)	Ethylben- zene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH as GRO (mg/kg)	TPH as DRO (mg/kg)	TPH as MRO (mg/kg)	Total TPH (mg/kg)
	NMOC	D Action Level*	100	10	NE	NE	NE	50	NE	NE	NE	100**
		2.5 - 3.5	2,208						-			
		5 - 6 7.5 - 8.5	134 519				-	-	-	-		-
		10 - 11	1,835									-
		12.5 - 13.5	3,996									-
		15 - 16	3,050				-			-		-
		17.5 - 18.5	1,740	-								
		20 - 21	2,340	-	-			-	-			
		22.5 - 23.5	2,348		-			-				
SB-1	12/22/2017	25 - 26	1,645					_	-			
		27.5 - 28.5	3,003	3.1	53	9.8	150	216	2,500	710	<50	3,210
		30 - 31	1,682						-			
		32.5 - 33.5	2,141		-			-	-			
		35 - 36	2,442	0.36	6.9	1.5	20	29	440	93	<49	533
		37.5 - 38.5	1,412					-				
		40 - 41	2,044	<0.024	0.064	<0.049	0.34	0.40	18	10	<48	28
		42.5 - 43.5	790	ı	-			-	-	-		-
		45 - 46	1,304	-								
		2.5 - 3.5	1,726									
		5 - 6	1,673	-	-			-	-			
		7.5 - 8.5	1,370	-	-			-	-			
		10 - 11	1,575									
		12.5 - 13.5	1,470									
		15 - 16	1,701	<0.11	<0.23	0.41	2.0	2.4	270	33	<48	303
		17.5 - 18.5	1,258						-			
	0/5/0040	20 - 21	1,510					-	-			
	2/5/2018	22.5 - 23.5 25 - 26	1,257 1,418									-
SB-2		27.5 - 28.5	801					-				
30-2		30 - 31	397	-					<u>-</u>			-
		32.5 - 33.5	885	-		-						
		35 - 36	1,464	0.25	2.7	0.55	7.3	10.8	200	32	<49	232
		37.5 - 38.5	330		-							
		40 - 41	1,300									
		42.5 - 43.5	952						-			
		45 - 46	281		-			-	-			
	0/0/0040	47.5 - 48.5	1424					-				
	2/6/2018	50 - 51	670					-				
		52.5 - 53.5	1,400+	-	-		-	-	-			
		2.5 - 3.5	0.0									
		5 - 6	0.8									
		7.5 - 8.5	1.8									
		10 - 11	0.3									
		12.5 - 13.5	1.5									
SB-3	2/6/2018	15 - 16	0.5	-				-	-			
		17.5 - 18.5	1.0	-				-	-	-		
		20 - 21	0.9	-			-	-	-			-
		22.5 - 23.5	0.9	-	-		-	-				
		25 - 26 27.5 - 28.5	1.2									-
		30 - 31	1.0									
		JU - J1	1.0			<u> </u>						

Table B. Soil Boring Field Screening and Laboratory Analytical Results Summary ConocoPhillips Fifield 5 #1 San Juan County, New Mexico

			Field Results				La	boratory Resu	ults			
Sample Name	Date	Approximate Sample Depth (ft bgs)	Field VOCs by PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylben- zene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH as GRO (mg/kg)	TPH as DRO (mg/kg)	TPH as MRO (mg/kg)	Total TPH (mg/kg)
	NMOC	D Action Level*	100	10	NE	NE	NE	50	NE	NE	NE	100**
		2.5 - 3.5	0.7									-
		5 - 6	3.0									-
		7.5 - 8.5	0.4	-			-		1			-
		10 - 11	0.6				1		1	-		-
		12.5 - 13.5	25.3	-			ı	-	1	-		-
		15 - 16	29.6				-		1	-		-
		17.5 - 18.5	111				-		-			-
		20 - 21	122				ı		ŀ	-		-
		22.5 - 23.5	1,731	0.56	10	2.1	29	42	560	170	<49	730
		25 - 26	1,240	-			ı	-	1	-		-
SB-4	2/6/2018	27.5 - 28.5	839	-			ı	-	1	-		-
0D-4	2/0/2010	30 - 31	375				1	-	-			-
		32.5 - 33.5	1,161						-			-
		35 - 36	326						-			-
		37.5 - 38.5	760						-			-
		40 - 41	1,618									-
		42.5 - 43.5	1,539				-		-			-
		45 - 46	1,559	0.027	0.22	<0.037	0.26	0.51	11	<9.8	<49	11
		47.5 - 48.5	458						-			-
		50 - 51	698									-
		52.5 - 53.5	779						-			-
		55 - 56	429						-			-
		2.5 - 3.5	19.8									-
		5 - 6	326				-		-			-
		7.5 - 8.5	184						-			-
		10 - 11	521				-		-			-
		12.5 - 13.5	1,339				-					-
		15 - 16 17.5 - 18.5	1,756	<0.25	4.4	3.7	 56	64	700	260	 <43	960
		20 - 21	1,871 1,398	<0.25		3.1 						900
		22.5 - 23.5	1,433									
SB-5	2/7/2018	25 - 26	1,136				-		-			
		27.5 - 28.5	235						-			
		30 - 31	220				-		-			_
		32.5 - 33.5	269				-		-			_
		35 - 36	1,237				-		-			-
		37.5 - 38.5	1,210									-
		40 - 41	1,412									-
		42.5 - 43.5	1,343	-	-	-	-	-	-			_
		45 - 46	1,490		-	-	-	-	-			_
		47.5 - 48.5	1,675	-			-		1			-

Table B. Soil Boring Field Screening and Laboratory Analytical Results Summary ConocoPhillips Fifield 5 #1 San Juan County, New Mexico

			Field Results				La	boratory Resu	ults			
Sample Name	Date	Approximate Sample Depth (ft bgs)	Field VOCs by PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylben- zene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH as GRO (mg/kg)	TPH as DRO (mg/kg)	TPH as MRO (mg/kg)	Total TPH (mg/kg)
	NMOC	D Action Level*	100	10	NE	NE	NE	50	NE	NE	NE	100**
		2.5 - 3.5	92.3									
		5 - 6	5.2						-			
		7.5 - 8.5	3.0						-			-
		10 - 11	1.5						-			-
-		12.5 - 13.5	10.9									-
		15 - 16	52.5									-
		17.5 - 18.5	86.5						-			-
SB 6	2/7/2018	20 - 21	157						1			-
3D-0	2/1/2010	22.5 - 23.5	392						1			-
		25 - 26	1,405	<0.12	5.3	1.5	29	36	390	160	<49	550
		27.5 - 28.5	273						-			
		30 - 31	1,406						-			
		32.5 - 33.5	321						-			
		35 - 36	184						-			
		37.5 - 38.5	217									-
		40 - 41	275						-			
		2.5 - 3.5	2.7				-		-			-
		5 - 6	5.7						-			
		7.5 - 8.5	22.3									
		10 - 11	183						-			-
		12.5 - 13.5	316						-			-
		15 - 16	1,652	<0.023	<0.047	<0.047	0.51	0.51	32	66	<45	98
		17.5 - 18.5	1,527						-			
SB-7	2/7/2018	20 - 21	1,643						-			
05 1	2/1/2010	22.5 - 23.5	1,592						-			
		25 - 26	1,235						-			
		27.5 - 28.5	911						-			-
		30 - 31	1,355						-			-
		32.5 - 33.5	165	-					-		-	
		35 - 36	557						-			
		37.5 - 38.5	661						-			
		40 - 41	290									-
		2.5 - 3.5	0.0						-			
		5 - 6	2.9						-			-
		7.5 - 8.5	0.9									-
		10 - 11	0.8						-			-
		12.5 - 13.5	3.7									
05.5	0/0/55:5	15 - 16	1.7									
SB-8	2/8/2018	17.5 - 18.5	3.6									
		20 - 21	29.7			-			-	-		-
		22.5 - 23.5	543									
		25 - 26	579	0.028	0.37	<0.046	1.1	1.1	5.5	<9.5	<48	5.5
		27.5 - 28.5	398			-			-	-		-
		30 - 31	152									
	1	32.5 - 33.5	85.4					-	1			-

Table B. Soil Boring Field Screening and Laboratory Analytical Results Summary ConocoPhillips Fifield 5 #1

San Juan County, New Mexico

			Field Results	La	Laboratory Results							
Sample Name	Date	Approximate Sample Depth (ft bgs)	Field VOCs by PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylben- zene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH as GRO (mg/kg)	TPH as DRO (mg/kg)	TPH as MRO (mg/kg)	Total TPH (mg/kg)
	NMOC	D Action Level*	100	10	NE	NE	NE	50	NE	NE	NE	100**
		2.5 - 3.5	0.1				-				-	
		5 - 6	1.0				-				-	
		7.5 - 8.5	2.1				-				-	
		10 - 11	2.0				-					
		12.5 - 13.5	22.2				-				-	
		15 - 16	39.1				-					
SB-9	2/8/2018	17.5 - 18.5	60.8				-				-	
OD-9	2/0/2010	20 - 21	67.9				-					
		22.5 - 23.5	266				-					-
		25 - 26	359				-					-
		27.5 - 28.5	399	<0.025	<0.049	<0049	<0.098	ND	<4.9	<9.8	<49	ND
		30 - 31	184				-					-
		32.5 - 33.5	104				-					-
		35 - 36	40.6				-					
		2.5 - 3.5	0.3				-					-
		5 - 6	0.7				-					-
		7.5 - 8.5	0.6				-					-
		10 - 11	1.2				-					-
		12.5 - 13.5	1.5				-					-
		15 - 16	2.4				-					-
SB-10	2/8/2018	17.5 - 18.5	15.4				-	-				-
05 10	2/0/2010	20 - 21	13.6				-					-
		22.5 - 23.5	139				-	-				-
		25 - 26	109				-					-
		27.5 - 28.5	431	0.030	0.13	<0.049	0.17	0.33	<4.9	<9.5	<48	ND
		30 - 31	397				-					-
		32.5 - 33.5	114				-	-			-	-
		35 - 36	23.4									

NMOCD - New Mexico Oil Conservation Division

VOCs - volatile organic compounds Notes:

TPH - total petroleum hydrocarbons PID - photoionization detector GRO - gasoline range organics ft bgs - feet below grade surface DRO - diesel range organics ppm - parts per million MRO - mineral oil range organics

mg/kg - milligrams per kilogram NE - not-established

*Based on the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (August 1993)

**Based on a site ranking of 20.