SITE INFORMATION

		Repor	t Type: Cl	osure R	eport						
General Site Info	ormation:					er guranske	APROPAGE (1997)				
Site:		Hearse 36 S		<u></u>		قب نب گرده با ونی وی بود با م	······································				
Company:		COG Opera	ting LLC		· · · · · · · · · · · · · · · · · · ·						
Section, Towns	hip and Range	Unit O	Sec 36	T19S	R25E						
Lease Number:		API-30-015-				·					
County:		Eddy Count		<u> </u>							
GPS:	· · · · · · · · · · · · · · · · · · ·		32.61030° N			104.434	93° W				
Surface Owner:		State									
Mineral Owner:						····=-					
Directions:		miles, turn lef		23 and travel	1.8 miles, turr		th on Hwy 285 for 11.9 t) and travel 0.8 mile,				
Release Data: a					r bah a singhi k	frazi ting dirak					
Date Released:		5/3/2013		ye no a x° ting≌a , y≌"i	17、 て、 ~ 1, みょゆみ 荒正 _で 」 い [*] e	- 19 - 27 20 19 45 20 7 7 7 7 7 7 7 19 6 5 1 2 2 4	an man na an ann ann ann ann ann ann ann				
Type Release:		Oil									
Source of Contar	nination [.]		on well head								
Fluid Released:		40 bbls	asing valve on well head								
Fluids Recovered	1.	30 bbls									
	nication:				an al con al an an al an an						
	and the second sec					the state and the state of the	The state of the s				
Name:	Pat Ellis				Ike Tavare:						
Company:	COG Operating, LL	<u>_C</u>			Tetra Tech						
Address:	One Concho Cente	er			1910 N. Bi	g Spring					
	600 W. Illinois Ave.										
City:	Midland Texas, 797	701			Midland, Te	exas	 				
Phone number:	(432) 686-3023	<u> </u>			(432) 682-4559						
	P				(432) 002-2	+559					
Fax:	(432) 684-7137										
Email:	pellis@conchoreso	urces.com			ike.tavare	z@tetratech.c					
Ranking{Criteria											
Depth to Groundw	ater:		Ranking Scor	e		Site Data					
<50 ft			20		· · · · · · · · · · · · · · · · · · ·						
50-99 ft			10								
>100 ft.			O			0					
WellHead Protecti		,	Ranking Scor	e		Site Data					
	000 ft., Private <200 f 000 ft., Private >200 f		20		·····	0					
water Source >1,0	00 II., FIIVale >200 II			·		0					
Surface Body of M	urface Body of Water:			e		Site Data					
<200 ft.				<u> </u>							
200 ft - 1,000 ft.			<u>20</u> 10			· · · · · · · · · · · · · · · · · · ·	<u> </u>				
>1,000 ft.			0		· · · · · · · · · · · · · · · · · · ·	0					
Tot	al Ranking Score.					JAN 2	1				
		and the second	able Soil RRAL		5. 145 - 2011 - 1 - 1						
		Benzene	Total BTE			NMOCD /	ARTESIO				
		10	50	5,000							



September 25, 2013

Mr. Mike Bratcher Environmental Engineer Specialist Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210

Re: Closure Report for the COG Operating LLC., Hearse 36 State #4H, Well Site, Unit O, Section 36, Township 19 South, Range 25 East, Eddy County, New Mexico.

Mr. Bratcher:

Tetra Tech, Inc. (Tetra Tech) was contacted by COG Operating LLC. (COG) to assess a spill from the Hearse 36 State #4H, Well Site located in Unit O, Section 36, Township 19 South, Range 25 East, Eddy County, New Mexico (Site). The spill site coordinates are N 32.61030°, W 104.43493°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the leak was discovered on May 3, 2013, and released approximately forty (40) barrels of oil from the casing valve on the wellhead. To alleviate the problem, COG personnel closed the valve. Thirty (30) barrels of standing fluids were recovered. The spill initiated on the well pad affecting an area approximately 30' X 50', the release then migrated into the pasture affecting an area 40' x 150', 15' x 40', 25' x 140' and 30' x 230'. The initial C-141 form is enclosed in Appendix A.

Groundwater

No water wells were listed within Section 36. According to the NMOCD groundwater map, the average depth to groundwater in this area is between 100' and 125' below surface. The groundwater data is shown in Appendix B.



Regulatory

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the depth to groundwater, the proposed RRAL for TPH is 5,000 mg/kg.

Soil Assessment and Analytical Results

On May 29, 2013, Tetra Tech personnel inspected and sampled the spill area. Fourteen (14) auger holes (AH-1 through AH-14) and a background auger hole were installed using a stainless steel hand auger to assess the impacted soils. Selected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The sampling results are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, the areas of AH-3, AH-5, AH-7 and AH-8 did not show any significant impact to the soils for TPH, BTEX or chlorides. However, the samples in the areas of AH-10, AH-12, AH-13 and AH-14 either exceeded the TPH or BTEX constituents. Auger holes (AH-12, AH-13 and AH-14) declined below the RRAL's at 1-1.5' below surface. AH-10 was not vertically defined at 1-1.5', with TPH concentrations of 9,080 mg/kg and total BTEX of 276 mg/kg.

Elevated chloride concentrations were detected in auger holes (AH-1, AH-2, AH-4, AH-6, AH-9, AH-10, and AH-11). Auger holes (AH-1, AH-4, AH-6 and AH-10) showed elevated chloride concentrations and were not vertically defined. Auger holes (AH-2, AH-9, AH-11) showed declining chloride concentrations with depth and vertically defined at approximately 1.0' to 2.0' below surface.

Closure Activities

On August 29 - 30, 2013, Tetra Tech removed impacted material as highlighted (green) in Table 1 and shown on Figure 4 using field data, lab analyses and trenching data for the excavation.

The area of AH-2 was excavated to 2.0' below surface, AH-9 was excavated to 2.5' below surface and AH-11 was excavated to 1.0' below surface.



Auger Holes (AH-12, AH-13 and AH-14) were excavated to depth of approximately 1.0' below surface to remove the elevated chlorides and soil exceeding the RRAL.

Auger Holes (AH-1, AH-4, AH-6 and AH-10) were trenched for evaluation using a backhoe to define extents of contamination. Based on the data, AH-1, AH-4 and AH-10 were excavated to 2.0' below surface and AH-6 was excavated to 2.5' below surface.

Approximately 1,100 yards were excavated and hauled to disposal and the areas were backfilled with clean material to surface grade.

Based on the remediation activities performed at this location, COG requests closure for this site. The C-141 (Final) is included in Appendix A. If you have any questions or comments concerning the assessment or the remediation activities performed at the site, please call me at (432) 682-4559.

Respectfully submitted,

TETRA TECH

Ike Tavarez, PG Senior Project Manager

cc: Robert McNeill - COG

Tables

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Table 1 COG Operating LLC. Hearse 36 #4H

Eddy County, New Mexico

Sample ID	Sample	BEB Sample	Excavation Bottom	Soil	Status		FPH (mg/k	g)	Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
AH-1	5/29/2013	0-1	0	1	X	<4.00	<u></u> <50.0_,	<50.0		1773 () 1889 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 - 1893 -				1,480
·····	H 	-1-1.5	1		X									1,490
T4	9/4/2013	0	0. ····		X~									4,390
	21	2	Bottom hole	Х		-	-	-	-	-	-	-	-	181
	17	4	"	Х		-	-	-	-	-	_	-	-	303
· · · · · · · · · · · · · · · · · · ·	H	6	II	Х		-	-	-	-	-	•	-	-	24.4
AH-2	5/29/2013	0-1	0		X	<u>ु</u> ः113	407	520						-7,850
	11	1-1-5	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		X								6	8,060
· ·	89	2-2.5	"	Х		-	-	-	-	-	-	-	-	339
AH-3	5/29/2013	0-1	0	Х		<4.00	<50.0	<50.0	-	-	-	-	-	319
	"	1-1.5	11	Х		_	-	-	-	-	_	-	-	648
	11	2-2.5	"	Х		-	-	-	-	-	-	-	-	<20.0
AH-4	5/29/2013	0-1	0		X	7.31	⇒ <50.0	7.31						2,350
		≤ 2 1-1.5	SC # 5 - 5		(X)									1,100
Т3	9/4/2013	Û - Ô	0		X									24,100
	"	2	Bottom hole	Х		_	-	-	-	-	_	-	-	220
···	"	4	17	Х		-	-	-	-	_	-	-	-	274
AH-5	5/29/2013	0-1	0	X		67.3	654	721	<0.100	<0.100	<0.100	1.37	1.37	429
	11	1-1.5	٩r	Х		4	-	-	-	-		-	-	74.7
	17	2-2.5	"	Х		-	-	-	-	-	-	-	-	54.8

Table 1 COG Operating LLC. Hearse 36 #4H

Eddy County, New Mexico

Sample ID Sample		BEB Sample	Excavation Bottom	Soil	Status		TPH (mg/k	g)	Benzene	Toluene	Ethlybenzene		Total BTEX	Chloride
Sample ID	Date	Depth (ft)	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
AH-6	5/29/2013	0-1	0		X	7.19	<50.0	7.19						4,490
		1 -1.5			X		GY NE							5,880
		2-2.5			X	and the second			and and the second					4,840
T2	9/4/2013	· · 0	0		X	ar i Sur an								11,700
	"	2	Bottom hole	Х		-	-	-	-	-	-	-	-	1,420
AH-7	5/30/2013	0-1	0	Х	[35.1	<50.0	35.1	-	-	-	-	-	<20.0
	"	1-1.5	"	Х		-		-	-	-	-	-	-	<20.0
	"	2-2.5	"	Х		-	-	-	-	-	-	-	-	<20.0
	11	3-3.5	n	Х		-	-	-	-	-	•	-	-	<20.0
AH-8	5/30/2013	0-1	0	Х		299	2,770	3,069	<0.400	<0.400	<0.400	2.62	2.62	<20.0
	11	1-1.5	11	Х		-	-	-	-	-	-	-	-	<20.0
	11	2-2.5	11	Х		-	-	-	-	-	-	-	-	<20.0
	"	3-3.5	"	Х		-	~	-	-	-	-			<20.0
AH-9	5/30/2013	<u>0</u> -1	0	ar a shi daga	X	- 691	129		<0.200	1.98	10.9	28.0	40.9	7,510
		7.1-1.5			X.	18.31 19.35 (* 3			1. 23 (. 19) (19) (19) (19) (19) (19) (19) (19)					2,030
		2-2-5			X			N. S. Sarah						3,220
	18	2.5-3	"	Х		-	-	-	-	-	-	-	-	396
AH-10	5/30/2013	0-1	0		× X .	1,880	7,770	9,650	17.3	74.9	164	386	642	4,550
		1-1.5			× X -	4,430	4,650	9,080	3.42		85.3	160	276	3,530
T1*	8/30/2013	j0 .⊭	0		X	_<100 .:	14,000	14,000						17,000
	FT	2	Bottom hole	Х		<10.0	169	169	<0.05	<0.05	<0.05	<0.15	<0.30	384
	н	4	"	Х		<10.0	149	149	-	-	_	-	-	176

Table 1 COG Operating LLC. Hearse 36 #4H

Eddy County, New Mexico

Sample ID Sample		BEB Sample	Excavation	Soil	Status		ſPH (mg/k	g)	Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	Bottom Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
AH-11	5/30/2013	0-1	0		X	33.2	163	196						3,650
	*1	1-1.5	n	Х		_	-	-	-	-	-	-	-	<20.0
	11	2-2.5	11	Х		-	-	-	-	-	-	-		147
AH-12	5/30/2013	0 -1	0		X	3;860	916	4;776	<0.200	12.9	58:6	116	188	832
	"	1-1.5	"	Х		-	-	-	<0.0200	<0.0200	0.498	1.46	1.96	65.5
AH-13	5/30/2013	0-1	0		X	4,270	2,770	7,040	<0.200,	11.2	66.5	139	-217	<20.0
	17	1-1.5	11	Х		39.5	207	247	<0.0200	<0.0200	<0.0200	0.974	0.974	<20.0
	n	2-2.5	"	Х		-	-	-	-	-	-	-	-	<20.0
AH-14	5/30/2013	- 0-1	0	K OBXC	X	6,620	3,740	10,360	5.23	35.2	119	219	378	282
	11	1-1.5	U	Х		8.34	<50.0	8.34	<0.0200	<0.0200	<0.0200	0.118	0.118	<20.0
	17	2-2.5	"	Х		-	-	-	-		-	-	_	<20.0
Background 1	5/30/2013	0-1	0	X		<4.00	<50.0	<50.0	-	-	-	-	-	<20.0
	н	1-1.5	"	Х		-	-	-	-	-	-	-	-	<20.0
	11	2-2.5	11	Х		-	-	-	-	-	-	-	-	<20.0

(-) Not Analyzed

(BEB) Below Excavation Bottom

(*) Results analysed by Cardinal Labs, Hobbs, NM.

Date Modified: 09-25-2013

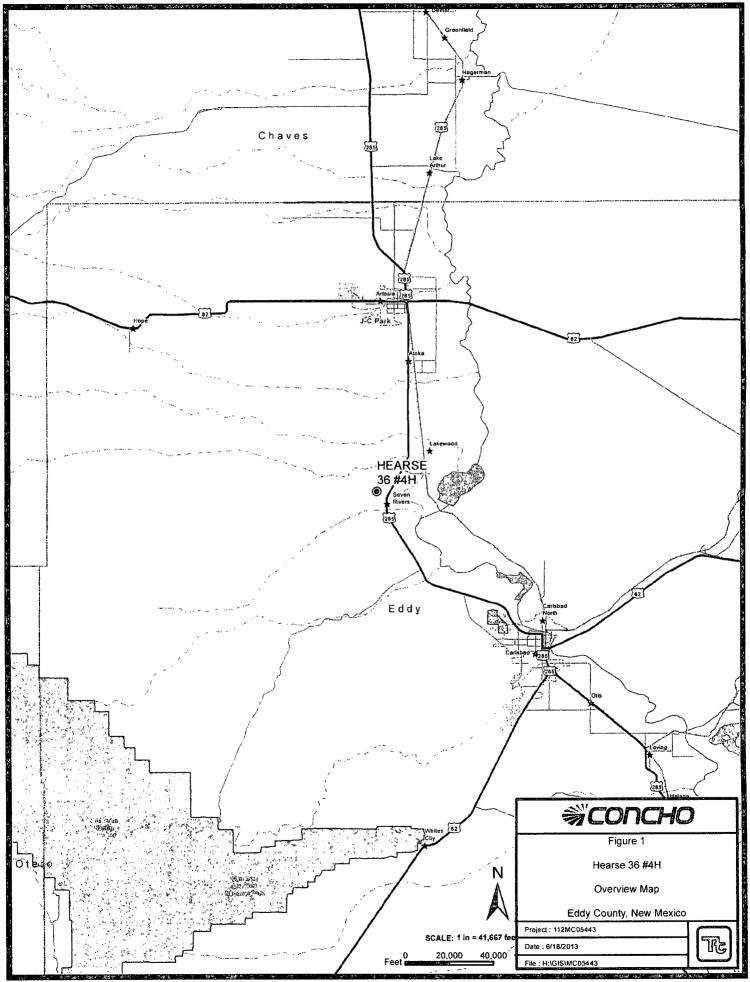
2

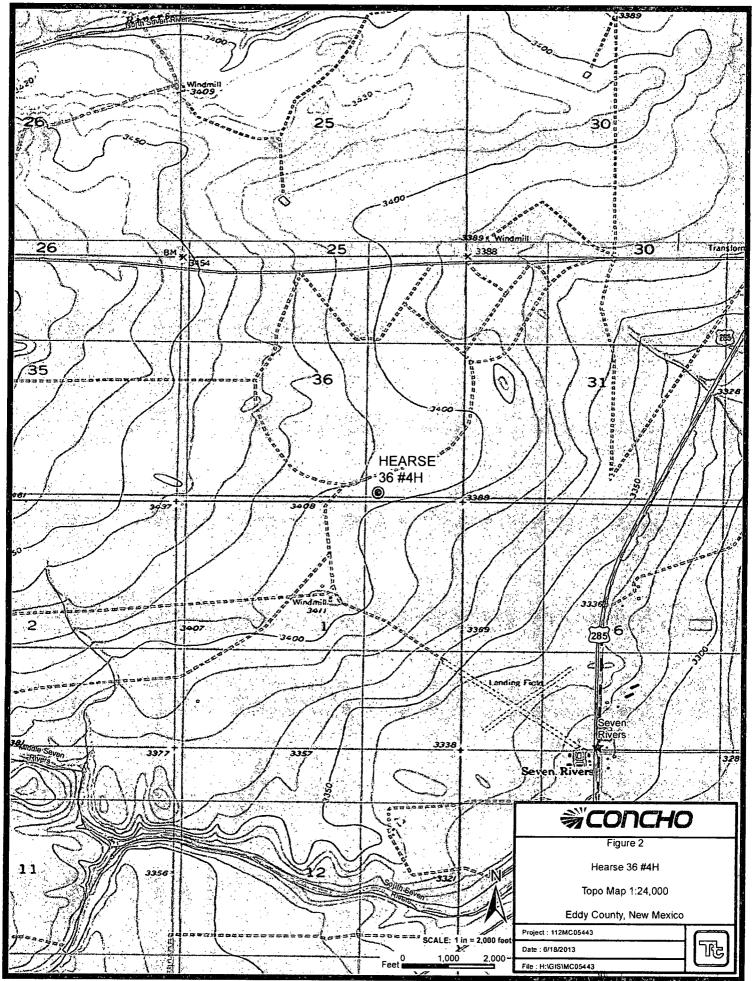
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Figures

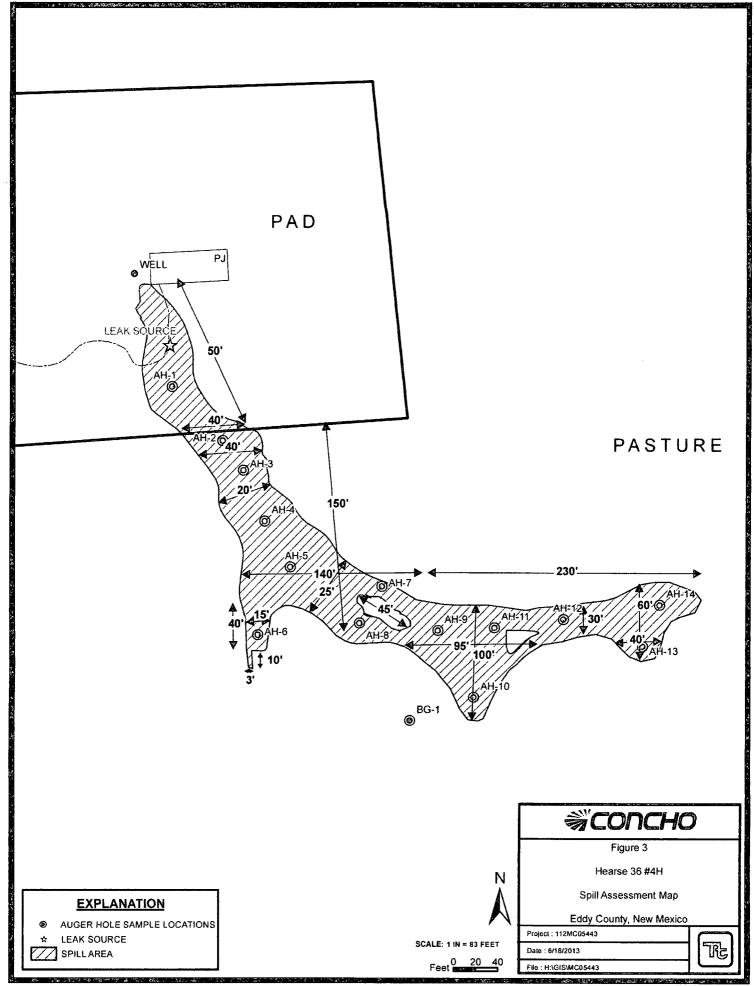
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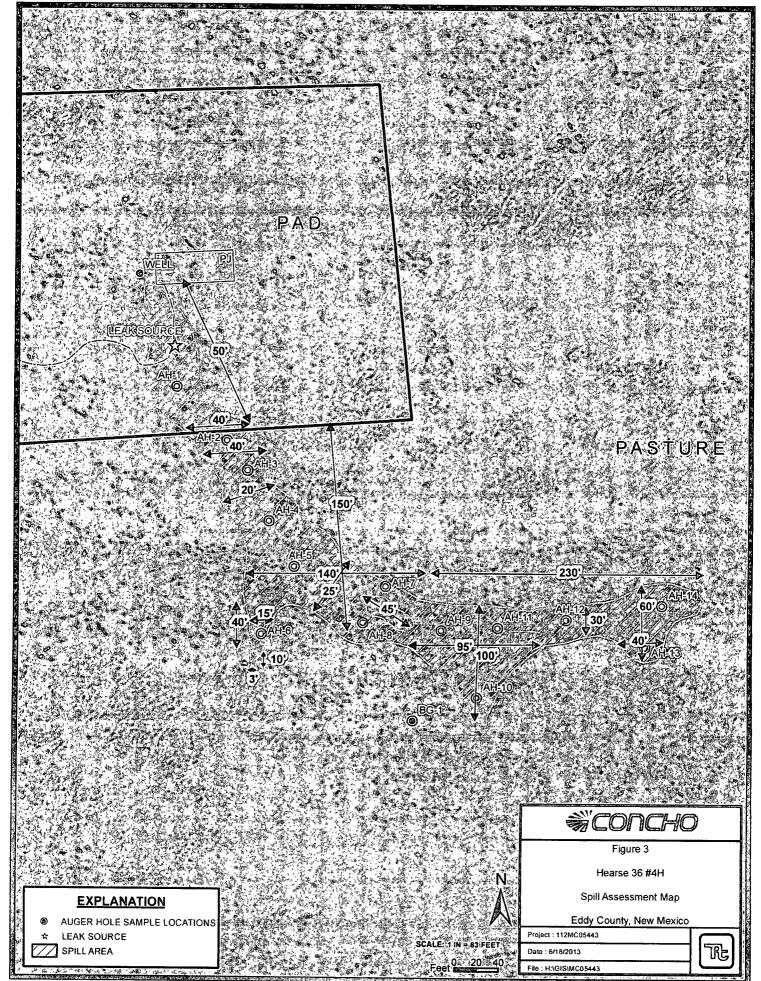
•

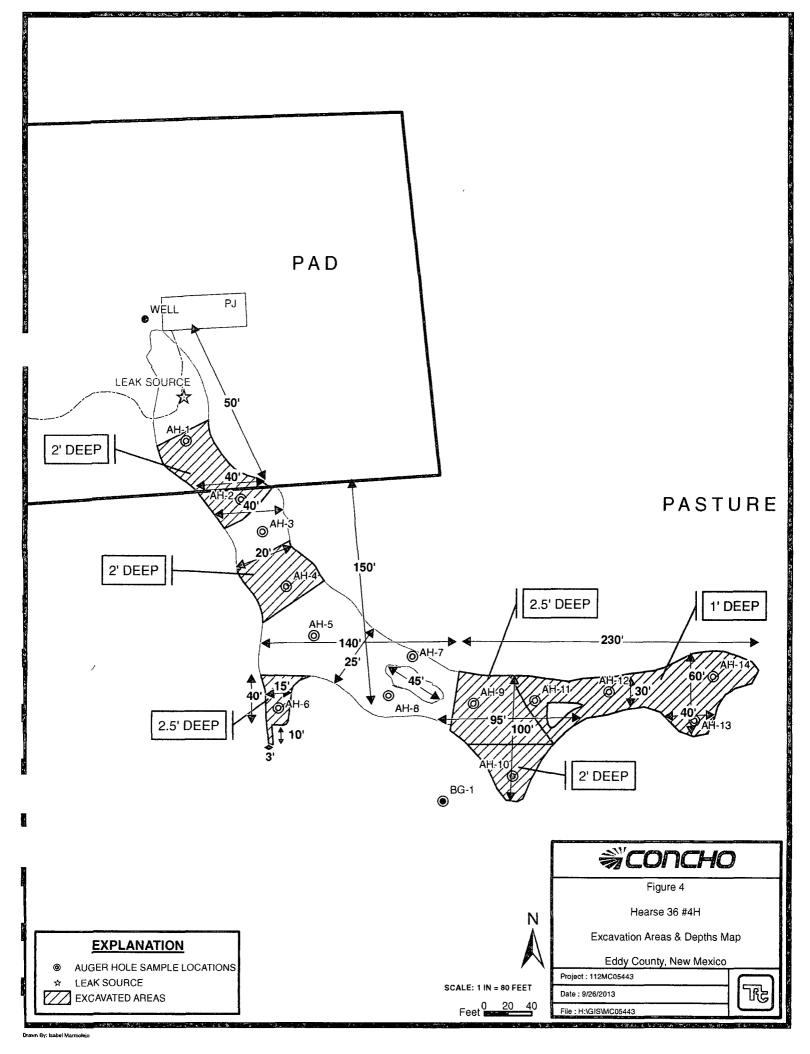




Drawn By: Isabel Marmolejo







Appendix A

State of New Mexico Energy Minerals and Natural Resources

> **Oil Conservation Division** 1220 South St. Francis Dr. Santa Fe, NM 87505

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

	Release Notification and Corrective Action											
						OPERA	ГOR		🔲 Initia	al Report	\boxtimes	Final Report
Name of Co				ting LLC		Contact		at Ellis				
Address				Aidland, TX 79	701	Telephone N	· · · · · · · · · · · · · · · · · · ·	230-00				
Facility Nar	ne F	HEARSE 36	STATE	#004H		Facility Typ	e WEI	LL PAI)			
Surface Ow	ner: State			Mineral O	wner		· · · · · · · · · · · · · · · · · · ·		Lease N	No. (API#)	30-01	5-39264
				LOCA	TIO	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/	West Line	County		
0	36	198	25E)				Edd	у
L	L	1		l	l	<u></u>		1		I		
]	Latitude N 32.6	61068	° Longitud	eW 104.4353	1°				
				NAT	URE	OF REL	EASE					
Type of Rele	ase: Oil					Volume of	Release 40 bbls		Volume I	Recovered 3	0 bbls	
Source of Re	lease: Casir	ng valve on we	ell head			Date and H	Iour of Occurren	ce	Date and	Hour of Dis	coverv	
						05-03-2013	3			13 7:00 am		
Was Immedia	ate Notice (Vac L] No 🔲 Not Re	autrad	If YES, To		Mila D	untahan (
					quireu			WIKE D	ratcher—(
By Whom? N							lour 05-03-2013					
Was a Water	Was a Watercourse Reached?						olume Impacting	the Wate	ercourse.			
						N/A						
If a Watercou	irse was Im	pacted, Descri	ibe Fully."	F					RECE	EIVED		
Describe Cau	se of Probl	em and Reme	dial Action	n Taken.*				"				
The casing v	lve was lef	t open on the	well head	Closed the valve	to prev	ent any furthe	n release		JAN 2	4 2014		
		t open on the	wen neau.		to pre-		1 Telease			ADTER		
Describe Are	a Affected	and Cleanup A	Action Tak	ten.*				LIN.	ALCICIC	ARTES	0-0	
Tetra Tech pe	ersonnel ins	pected the site	and colle	cted samples to de	efine tl	ne spill extents	Soil that excee	ded the	RRAL was	removed an	d haule	ed away for
proper dispos	al. The site			surface grade with								
NMOCD for	review.											
				is true and compl								
				d/or file certain re e of a C-141 repo								
				investigate and re								
				tance of a C-141 1	report	does not reliev	e the operator of	respons	ibility for c	ompliance w	ith any	y other
federal, state,	or local law	ws and/or regu	lations.				OIL CON	CEDV		DIVISIO	NI	
	/ //		Y				<u>OIL CON</u>	<u>BLICY</u>	AHON	DIVISIC		
Signature:	- JU-	///										
Printed Name	<u>: Ike Tava</u> r	ez				Approved by	District Supervis	sor:				
Title: Project	Manager					Approval Dat	e:		Expiration	Date:		
E-mail Addre	ss: Ike.Tav	arez@TetraTe	ch.com			Conditions of	Approval:			Attached		
Data: S	26-1	J	Dhono	(127) 687 1550						Anacheu		
		ets If Necess		(432) 682-4559						_1		

Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

OPERATOR Initial Repor Initial Repor Initial Repor Initial Repor Initial Repor Address 600 West Illinois Avenue, Midland, TX 79701 Telephone No. 432:230-0077 Facility Name HEARSE 36 STATE #004H Facility Type WELL PAD Surface Owner STATE Mineral Owner Lease No. (API#) 30-015-39264 LOCATION OF RELEASE Location East/West Line Counter Unit Letter Socion Township Range Peet from the Instruct Ord PEELEASE Unit Letter Socion Township Range Peet from the Date and Hour of Coursence Date and Hour of Discovery 36 Type of Release Oil Volume of Release 400bbis Volume Recovered 30bbis Socion Source of Release Casing valve on well head Date and Hour of Coursence Date and Hour of Discovery 05-03-2013 7:08am Wastercourse Reached? If YES, To Whom? If YES, To Whom? If YES, To Whom? If Watercourse was Impacted, Dascribe Fully.* Describe Area Affected and Cleanup Action Taken.* The casing valve on the well head. Closed the valve to prevent any further release. Bescribe Area Affected and Cleanup Action Taken.* Install 40bbis of oil		Release Notification and Corrective Action											
Address 600 West Illinois Avenue, Midland, TX 79701 Telephone No. 432-230-007 Facility Name HEARSE 36 STATE #004H Facility Type WELL PAD Surface Owner STATE Mineral Owner Lease No. (API#) 30-015-39264 Unit Letter Section Township Range Feet from the Least/West Line Courty 0 36 Township Range Feet from the North/South Line Feet from the East/West Line Courty 0 36 Township Range Feet from the North/South Line Feet from the East/West Line Courty EDDY LoccATION OF RELEASE Volume of Release 40bbis Volume Recovered 30bbls Source of Release Casing valve on well heid Date and Hour of Occurrence Date and Hour of Discovery 65-03-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013 :00-30-2013							OPERA			🛛 Init	ial Report		Final Repo
Facility Name HEARSE 36 STATE #004H Pacility Type WELL PAD Surface Owner Starface Owner Case No. (API#) 30-015-39264 Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 0 36 Township Range Feet from the North/South Line Feet from the East/West Line County EDDY Latitude 32.61068 Longitude 104.43531 NATURE OF RELEASE Type of Release Coil Volume of Release 40bbts Volume Recovered 30bbts Source of Release Casing valve on well head Date and Hour of Ocurrence 0.5-03.2013 05-03.2013 7.00am Was Immediate Notice Given? Mse mathemediate Notice Given? Mike Bratcher - NMOCD Bate and Hour 05-03.2013 1.23pm Was a Watercourse Reached? Yes IN No No Required If YES, To Whom? Mike Bratcher - NMOCD By Mhom? Michelle Mullins Date and Hour 05-03.2013 1.23pm If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* If YES, Volume Impacing the Watercourse. If YES,					the second s								
Surface Owner STATE Mineral Owner Lease No. (API#) 30-015-39264 Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County O 36 198 25E Feet from the North/South Line Feet from the East/West Line County EDDY Latitude 32.61068 Longitude 104.43531 NATURE OF RELEASE Type of Release Caing valve on well head Date and Hour of Occurrence 05-03-2013 7:00am Was Immediate Notice Given? If YES, To Whom? Mike Bratcher - NMOCD Date and Hour of Occurrence 05-03-2013 7:00am Wy Mom? Michelle Mullins Date and Hour of Occurrence 05-03-2013 7:00am If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Folly.* Describe Cause of Problem and Remedial Action Taken.* If YES, Volume Impacting the Watercourse. If YES, Volume Impacting the avacuum truck. The spill cocurred on the location and frae-leased from an open casing valve on the well head. We were able to recover 30bbls of oil with a vacuum truck. The spill cocurred on the location and the pasture. All free fluids have been removed from the location and the pusture. A work plan will be presented to the NMOCD for approval prior to any significant						01							
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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: COIL CONSERVATION DIVISION Signature: Robert Grubbs Jr. Printed Name: Robert Grubbs Jr. Title: Senior Environmental Coordinator Approval Date: Expiration Date: E-mail Address: rgrubbs@concho.com	regulations a	ll operators	are required to	o report ar	d/or file certain	release	notifications a	nd perform correc	tive acti	ions for re	leases which	may e	endanger
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. OIL CONSERVATION DIVISION Signature: Image: Constrained for the provided by District Supervisor: Approved by District Supervisor: Printed Name: Robert Grubbs Jr. Approval Date: Expiration Date: Title: Senior Environmental Coordinator Approval Date: Expiration Date: E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached													
Signature: Coll CONSERVATION DIVISION Signature: Robert Grubbs Jr. Printed Name: Robert Grubbs Jr. Title: Senior Environmental Coordinator Approval Date: Expiration Date: E-mail Address: rgrubbs@concho.com	or the environ	nment. In a	ddition, NMO	CD accep	tance of a C-141	report	does not reliev	e the operator of	responsi	bility for a	compliance v	ith ar	iy other
Signature: Tell of the function Approved by District Supervisor: Printed Name: Robert Grubbs Jr. Approved by District Supervisor: Title: Senior Environmental Coordinator Approval Date: Expiration Date: E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached []	federal, state,	or local lay	vs and/or regu	lations.					07711		DIVIOL		
Printed Name: Robert Grubbs Jr. Approved by District Supervisor: Title: Senior Environmental Coordinator Approval Date: Expiration Date: E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached []				1				<u>OIL CON</u>	SERV	ATION	DIVISIC	<u>JIN</u>	
Printed Name: Robert Grubbs Jr. Title: Senior Environmental Coordinator Approval Date: E-mail Address: rgrubbs@concho.com Conditions of Approval:	Signature:	Rola	+ Ju	þ									
E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached	Printed Name	:	Robe	ert Grubbs	Jr.		Approved by	District Supervis	or:				
Attached	Title:		Senior Enviror	nmental C	oordinator		Approval Da	te:		Expiration	Date:		
	E-mail Addre	ess:	rgrubbs@	concho.c	om ·		Conditions of	f Approval:			Attached	П	
	Date: 05-	14-2013		Phone:	432-661-660)1							

* Attach Additional Sheets If Necessary

Appendix B

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Water Well Data Average Depth to Groundwater (ft) COG-Hearse 36 State #4H Eddy County, New Mexico

	18 So	uth	24	East	
6	5	4	3	2	1.
7	8	9	10	11 350	12
18 4 75	17	16 516	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35 364	36

	18 \$	South	25	5 East	
6	5	4	3 184	2 175	1 187
		155			
7	8	9	10	11	12
			168		
18	17	16	15	14	13
230					
19	20	21	22	23	24
				117	158
30	29	28	27	26	25
				200	1
31	32	33	34	35	36
		1			270

	18 Sc	outh	26		
6 200	5 95	4 24	3 65		1
7	8	9 70	10 8	14 11	12
18 56	17	16 51	40 15	14	13
19	20	21	22 98	23	24
30	29	28	27	26	19 25
31	32	8 5 33	34	35	36

	19 So	outh	24	East	_
6	5	4	3	2	1
7	8	9	10 335	11	12 265
18	17 295	16	15	14	13
19	20	21 300	22	23	24
30	29	28 558	27	26 322	25
31	32	33	34 270	35	36

	20 Sc	outh	24 East					
6	5	4	3	2	1			
			268		131			
7	8 500	9	10	11	12			
18	17	16	15	14 80	13			
19	20	21	22 300	23	24			
30	29	28	27	26	25 268			
31	32 350	33	34	35	36			

	19 South 25 East								
6	5 305	4	3	2 100	1				
					172				
7	8	9 260	10	11	12				
18	17 83	16	15 59	14	13				
19	20	21	22	23	24				
310			130						
30	29	28	27 60	26	25 60				
222									
31	32	33	34	35	36				
140					SITE				

							10
	32	33	34	35	36		10 31
					SITE		
	20 So	outh	25	East		-	
	5	4	3	2	1 121		6
	8 249	9	10	11	12		7
j			130	70	102		60
	17	16	15	14	13		18
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	228						_
	29	28	27	26	25		30
ĺ							10

35

36

6	5	4 70	3	2	1 70
7	8	9	10 50	11	12 24
18 69	17	16	15	14 67	13
19	20 52	21	22	23 80	24
30 105	29	28	27 49	26	25
31 95	32 95	33	34	35	36

26 East

19 South

		20 Se	outh	26	6 East	
6	65	5 20	4	3	2	1
7 60	6	8	9	10	11 49	12
18		17 51	16	15	14	13
19		20	21	22	23 105	24
30 190)	29	28	27	26	25
31		32 51	33	34 135	35 52	36 120

New Mexico State Engineers Well Reports

USGS Well Reports

Geology and Groundwater Conditions in Southern Eddy, County, NM

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19

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31

312

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34

NMOCD - Groundwater Data

Field water level

IN New Mexico Water and Infrastructure Data System

Appendix C

Page Number: 1 of 8

Summary Report

(Corrected Report)

Ike Tavarez Tetra Tech 1910 N. Big Spring Street Midland, TX 79705

Project Location:Eddy Co., NMProject Name:COG/Hearse 36 #4HProject Number:112MC05443

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
330784	AH-1 ()-1'	soil	2013-05-29	00:00	2013-05-31
330785	AH-1 1-1.5'	soil	2013-05-29	00:00	2013-05-31
330786	AH-2 ()-1'	soil	2013-05-29	00:00	2013-05-31
330787	AH-2 1-1.5'	soil	2013-05-29	00:00	2013 - 05 - 31
330788	AH-2 2-2.5'	soil	2013-05-29	00:00	2013 - 05 - 31
330789	AH-3 0-1'	soil	2013-05-29	00:00	2013-05-31
330790	AH-3 1-1.5'	soil	2013-05-29	00:00	2013-05-31
330791	AH-3 2-2.5'	soil	2013-05-29	00:00	2013-05-31
330792	AH-4 0-1'	soil	2013-05-29	00:00	2013-05-31
330793	AH-4 1-1.5'	soil	2013-05-29	00:00	2013-05-31
330794	AH-5 0-1'	soil	2013-05-29	00:00	2013-05-31
330795	AH-5 1-1.5'	soil	2013-05-29	00:00	2013 - 05 - 31
330796	AH-5 2-2.5'	soil	2013-05-29	00:00	2013-05-31
330797	AH-6 ()-1'	soil	2013-05-29	00:00	2013-05-31
330798	AH-6 1-1.5'	soil	2013-05-29	00:00	2013-05-31
330799	AH-6 2-2.5'	soil	2013-05-29	00:00	2013-05-31
330800	AH-7 ()-1'	soil	2013-05-30	00:00	2013-05-31
330801	AH-7 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330802	AH-7 2-2.5'	soil	2013-05-30	00:00	2013-05-31
330803	AH-7 3-3.5'	soil	2013-05-30	00:00	2013-05-31
330804	AH-8 0-1'	soil	2013-05-30	00:00	2013-05-31
330805	AH-8 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330806	AH-8 2-2.5'	soil	2013-05-30	00:00	2013 - 05 - 31
330807	AH-8 3-3.5'	soil	2013-05-30	00:00	2013-05-31
330808	AH-9 ()-1'	soil	2013-05-30	00:00	2013-05-31
330809	AH-9 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330810	AH-9 2-2.5'	soil	2013-05-30	00:00	2013-05-31
330811	AH-9 2.5-3'	soil	2013-05-30	00:00	2013-05-31

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296 This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: June 19, 2013

Work Order: 13060319

Report Date: June 19, 2013

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
330812	AH-10 0-1'	soil	2013-05-30	00:00	2013-05-31
330813	AH-10 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330814	AH-11 ()-1'	soil	2013-05-30	00:00	2013-05-31
330815	AH-11 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330816	AH-11 2-2.5'	soil	2013-05-30	00:00	2013-05-31
330817	AH-12 0-1'	soil	2013-05-30	00:00	2013-05-31
330818	AH-12 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330819	AH-13 0-1'	soil	2013-05-30	00:00	2013-05-31
330820	AH-13 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330821	AH-13 2-2.5'	soil	2013-05-30	00:00	2013 - 05 - 31
330822	AH-14 0-1'	soil	2013-05-30	00:00	2013-05-31
330823	AH-14 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330824	AH-14 2-2.5'	soil	2013-05-30	00:00	2013-05-31
330825	BG 1 0-1'	soil	2013-05-30	00:00	2013-05-31
330826	BG 1 1-1.5'	soil	2013-05-30	00:00	2013-05-31
330827	BG 1 2-2.5'	soil	2013-05-30	00:00	2013-05-31

		E	BTEX		TPH DRO - NEW	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(ing/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
330784 - AH-1 0-1'					<50.0	<4.00
330786 - AH-2 0-1'					407	113
330789 - AH-3 0-1'					<50.0	<4.00
330792 - AH-4 0-1'					<50.0	7.31
330794 - AH-5 0-1'	$< 0.100^{-1}$	< 0.100	< 0.100	1.37	654	67.3
330797 - AH-6 0-1'					<50.0	7.19
330800 - AH-7 0-1'					<50.0	35.1
330804 - AH-8 0-1'	$< 0.400^{-2}$	< 0.400	< 0.400	2.62	2770	299
330808 - AH-9 0-1'	$< 0.200^{-3}$	1.98	10.9	28.0	129	691
330812 - AH-10 0-1'	17.3	74.9	164	386	7770	1880
330813 - AH-10 1-1.5'	3.42	27.4	85.3	160	4650	4430
330814 - AH-11 0-1'					163	33.2
330817 - AH-12 0-1'	< 0.200 4	12.9	58.6	116	916	3860
330818 - AH-12 1-1.5'	< 0.0200	< 0.0200	0.498	1.46		
330819 - AH-13 0-1'	$< 0.200^{-5}$	11.2	66.5	139	2770	4270
330820 - AH-13 1-1.5'	< 0.0200	< 0.0200	< 0.0200	0.974	207 Qr,Qs	39.5
330822 - AH-14 0-1'	5.23	35.2	119	219	3740	6620
330823 - AH-14 1-1.5'	< 0.0200	< 0.0200	< 0.0200	0.118	<50.0 qr,qs	8.34
330825 - BG 1 0-1'					<50.0	<4.00

Sample: 330784 - AH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		1480	mg/Kg	4

¹Dilution due to hydrocarbons.

²Dilutions due to hydrocarbons. ³Dilutions due to hydrocarbons.

⁴Dilution due to hydrocarbons. ⁵Dilution due to hydrocarbons.

Report Date: June 19, 2013		Work Order: 13060319	Pag	e Number: 3 of 8
Sample: 330785 - AH	H-1 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		1490	mg/Kg	4
Sample: 330786 - AH	I-2 0-1'			
Param	Flag	Result	Units	RL
Chloride		7850	ıng/Kg	4
Sample: 330787 - AF	H-2 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		8060	mg/Kg	4
Sample: 330788 - AF	I-2 2-2.5'			
Param	Flag	Result	Units	RL
Chloride		339	mg/Kg	4
Sample: 330789 - AF	I-3 0-1'			
Param	Flag	Result	Units	RL
Chloride		319	ing/Kg	4
Sample: 330790 - AH	I-3 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		648	mg/Kg	4
Sample: 330791 - AH	I-3 2-2.5'			
Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4
Sample: 330792 - AH	[-4 0-1'			
Param	Flag	Result	Units	RL
Chloride		2350	mg/Kg	4

Report Date: June 19, 2013		Work Order: 13060319	Page	Number: 4 of 8
Sample: 330793 -	AH-4 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		1100	mg/Kg	4
Sample: 330794 -	AH-5 0-1'			
Param	Flag	Result	Units	RL
Chloride		429	mg/Kg	4
Sample: 330795 -	AH-5 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		74.7	mg/Kg	4
Sample: 330796 -	AH-5 2-2.5'			
Param	Flag	Result	Units	RL
Chloride		54.8	mg/Kg	4
Sample: 330797 -	AH-6 0-1'			
Param	Flag	Result	Units	RL
Chloride		4490	mg/Kg	4
Sample: 330798 -	AH-6 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		5880	mg/Kg	4
Sample: 330799 -	AH-6 2-2.5'			
Param	Flag	Result	Units	RL
Chloride	<u> </u>	4840	mg/Kg	4
Sample: 330800 -	AH-7 0-1'			
Param	Flag	Result	Units	\mathbf{RL}
Chloride		<20.0	mg/Kg	4

Report Date: June 19, 2013		Work Order: 13060319	Page I	Number: 5 of 8				
Sample: 330801 - AH-7 1-1.5'								
Param	Flag	Result	Units	\mathbf{RL}				
Chloride		<20.0	mg/Kg	4				
Sample: 330802 - AH	-7 2-2.5'							
Param	Flag	Result	Units	RL				
Chloride		<20.0	mg/Kg	4				
Sample: 330803 - AH	-7 3-3.5'							
Param	Flag	Result	Units	RL				
Chloride		<20.0	mg/Kg	4				
Sample: 330804 - AH	-8 0-1'							
Param	Flag	Result	Units	\mathbf{RL}				
Chloride		<20.0	mg/Kg	4				
Sample: 330805 - AH	-8 1-1.5'							
Param	Flag	Result	Units	RL				
Chloride		<20.0	mg/Kg	4				
Sample: 330806 - AH	-8 2-2.5'							
Paranı	Flag	Result	Units	RL				
Chloride		<20.0	mg/Kg	4				
Sample: 330807 - AH	-8 3-3.5'							
Param	Flag	Result	Units	RL				
Chloride	······	<20.0	mg/Kg	4				
Sample: 330808 - AH	-9 0-1'							
Param	Flag	Result	Units	RL				
Chloride		7510	mg/Kg	4				

Report Date: June 19, 2013	Work Order: 13060319	Pa	ge Number: 6 of 8
Sample: 330809 - AH-9 1-1.5	,		
Param Fla		Units	RL
Chloride	2030	mg/Kg	4
Sample: 330810 - AH-9 2-2.5	,		
Param Fla		Units	RL
Chloride	3220	mg/Kg	4
Sample: 330811 - AH-9 2.5-3	,		
Param Fla		Units	RL
Chloride	396	mg/Kg	4
Sample: 330812 - AH-10 0-1'			
Param Fla	eg Result	Units	RL
Chloride	4550	mg/Kg	4
Sample: 330813 - AH-10 1-1.	5'		
Param Fla	g Result	Units	RL
Chloride	3530	mg/Kg	4
Sample: 330814 - AH-11 0-1'			
Param Fla	g Result	Units	\mathbf{RL}
Chloride	3650	mg/Kg	4
Sample: 330815 - AH-11 1-1.	5,		
Param Fla	g Result	Units	RL
Chloride	<20.0	mg/Kg	4
Sample: 330816 - AH-11 2-2.5	5,		
Param Fla	g Result	Units	RL
Chloride	147	mg/Kg	4

Report Date: June 19, 2013	Work Order: 13060319	Page	Number: 7 of 8
Sample: 330817 - AH-12 0-1'			
Param Flag	Result	Units	RL
Chloride	832	mg/Kg	4
Sample: 330818 - AH-12 1-1.5'			
Param Flag	Result	Units	RL
Chloride	65.5	mg/Kg	4
Sample: 330819 - AH-13 0-1'			
Param Flag	Result	Units	RL
Chloride	<20.0	nıg/Kg	4
Sample: 330820 - AH-13 1-1.5'			
Param Flag	Result	Units	RL
Chloride	<20.0	mg/Kg	4
Sample: 330821 - AH-13 2-2.5'			
Param Flag	Result	Units	RL
Chloride	<20.0	mg/Kg	4
Sample: 330822 - AH-14 0-1'			
Param Flag	Result	Units	\mathbf{RL}
Chloride	282	mg/Kg	4
Sample: 330823 - AH-14 1-1.5'			
Param Flag	Result	Units	RL
Chloride	<20.0	mg/Kg	4
Sample: 330824 - AH-14 2-2.5'			
Param Flag	Result	Units	RL
Chloride	<20.0	mg/Kg	4

Report Date: June 19, 2013		Work Order: 13060319	Page	Number: 8 of 8
Sample: 330825	- BG 1 0-1'			
Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4
Sample: 330826	- BG 1 1-1.5'			
Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4
Sample: 330827	- BG 1 2-2.5'			
Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4



September 26, 2013

IKE TAVAREZ TETRA TECH 1910 N. BIG SPRING STREET MIDLAND, TX 79705

RE: HEARSE 36 STATE #4 H

Enclosed are the results of analyses for samples received by the laboratory on 08/30/13 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

TETRA TECH IKE TAVAREZ 1910 N. BIG SPRING STREET MIDLAND TX, 79705 Fax To: (432) 682-3946

Received:	08/30/2013	Sampling Date:	08/30/2013
Reported:	09/26/2013	Sampling Type:	Soil
Project Name:	HEARSE 36 STATE #4 H	Sampling Condition:	** (See Notes)
Project Number:	112MC05443	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: T 1 (AH-10) 0' (H302100-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17000	16.0	09/03/2013	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: AR/						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	09/03/2013	ND	197	98.4	200	0.223	
DRO >C10-C28	14000	100	09/03/2013	ND	189	94.3	200	1.30	
Surrogate: 1-Chlorooctane	89.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	592	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 6



Analytical Results For:

TETRA TECH IKE TAVAREZ 1910 N. BIG SPRING STREET MIDLAND TX, 79705 Fax To: (432) 682-3946

Received:	08/30/2013	Sampling Date:	08/30/2013
Reported:	09/26/2013	Sampling Type:	Soil
Project Name:	HEARSE 36 STATE #4 H	Sampling Condition:	** (See Notes)
Project Number:	112MC05443	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: T 1 (AH-10) 2' (H302100-02)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					0-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2013	ND	1.89	94.4	2.00	3.20	
Toluene*	<0.050	0.050	09/26/2013	ND	1.95	97.3	2.00	2.40	
Ethylbenzene*	<0.050	0.050	09/26/2013	ND	2.06	103	2.00	2.62	
Total Xylenes*	<0.150	0.150	09/26/2013	ND	6.20	103	6.00	2.42	
Total BTEX	<0.300	0.300	09/26/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 9	% 89.4-12	6			nante en			~
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/03/2013	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: AR/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2013	ND	197	98.4	200	0.223	
DRO >C10-C28	169	10.0	09/03/2013	ND	189	94.3	200	1.30	
Surrogate: 1-Chlorooctane	93.79	65.2-14)						
Surrogate: 1-Chlorooctadecane	96.7 %	63.6-15	4						

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Celeg to Kene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TETRA TECH IKE TAVAREZ 1910 N. BIG SPRING STREET MIDLAND TX, 79705 Fax To: (432) 682-3946

Received:	08/30/2013	Sampling Date:	08/30/2013
Reported:	09/26/2013	Sampling Type:	Soil
Project Name:	HEARSE 36 STATE #4 H	Sampling Condition:	** (See Notes)
Project Number:	112MC05443	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: T 1 (AH-10) 4' (H302100-03)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP					<u></u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/03/2013	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: AR/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/03/2013	ND	197	98.4	200	0.223	
DRO >C10-C28	149	10.0	09/03/2013	ND	189	94.3	200	1.30	
Surrogate: 1-Chlorooctane	87.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.9	% 63.6-15	4						

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Celez Kere

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
O-04	This sample was analyzed outside the EPA recommended holding time.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez E Kune

Celey D. Keene, Lab Director/Quality Manager

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			F	-1								-				(0				S RE cify I			No.)				
HBr	201	~ 0				TETRATECH 1910 N. Big Spring St. Midland, Texas 79705 (432) 682-4559 • Fax (432) 682-3946						19/25/13	5 (Ext. to C35)	I Cr Pb Hg Se	I Vr Pd Hg Se										S		
CLIENT NA	ME: (C	<u>ж</u>				SITE MANAGER:	NERS	T		SERVA		dele	TX1005	As Ba Cd	BB			260/624	8270/625						из, рп. 1		
PROJECT N					CT I	NAME: Hearse 36 State #4 1-1	CONTAINERS	2					MOD	A DA A	s Ag A	SC	/olatile:	3240/82	Vol. 8	808	8	0	Pir)	(30)	s/Cauo		
LAB I.D. NUMBER	DATE 2013			COMP		Eddy (5, NM SAMPLE IDENTIFICATION	NUMBER OF	FILTERED (Y/N)	HNO3	ICE	NONE	BTEX 8021B	TPH 8015	PAH 8270 RCRA Metals Ag As	TCLP Metal	TCLP Volatile	TCLP Semi V	GC.MS Vol. 8	GC.MS Semi. Vol. 8270/625	PCB's 8080/	Pest. 808/60	Gamma Spec.	Alpha Beta (PLM (Asbestos)	Major Anions/Cauons, ph. 100		
1	8/30		5		X	POT T I (AH 10) O'	1	T		X			X		1	<u>}</u> [1	\uparrow				X		╏╴┨			
2	2		S		X	2'	i			X		X	X					T			,	$\langle $					ĺ
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