#### SITE INFORMATION Report Type: Work Plan General Site Information: Site: Polaris B Company: **COG Operating LLC** Section, Township and Range Sec 17 - T-17S - R-30E Lease Number: NMLC-029342-B County: **Eddy County** GPS: 32.83518° N 103.99529° W Surface Owner: Federal Mineral Owner: From Hwy 82 and CR-217 in Loco Hills, travel north on 217 0.9 mi, turn left 0.5 mi, right 0.1 mi, Directions: left 0.1 mi to location Release Data: Date Released: 5/27/2011 Type Release: Oil Source of Contamination: Oil tank overflow - equalizer valve failed Fluid Released: 20 bbls Fluids Recovered: 18 bbls Official Communication: Pat Ellis Name: Kim Dorey Company: COG Operating, LLC Tetra Tech Address: 550 W. Texas Ave. Ste. 1300 1910 N. Big Spring P.O. Box City: Midland Texas, 79701 Midland, Texas Phone number: (432) 686-3023 (432) 631-0348 Fax: (432) 684-7137 Email: pellis@conchoresources.com kim.dorey@tetratech.com

Depth to Groundwater:	Ranking Score	Site Data
<50 ft	20	
50-99 ft	10	
>100 ft.	0	
WellHead Protection:	Ranking Score	Site Data
Water Source <1,000 ft., Private <200 ft.	20	
Water Source >1,000 ft., Private >200 ft.	0	. 0
Surface Body of Water:	Ranking Score	Site Data
<200 ft.	20	
200 ft - 1,000 ft.	10	
>1,000 ft.	0	0

Accepta	ble Soil RRAL (n	ng/kg) 🐺 🛴
Benzene	Total BTEX	TPH
10	50	5,000

OCT 11 2011
NMOCD ARTESIA



## August 10, 2011

Mr. Mike Bratcher **Environmental Engineer Specialist** Oil Conservation Division, District 2 1301 West Grand Avenue Artesia, New Mexico 88210

Re: Work Plan for the COG Operating LLC., Polaris B Federal Tank Battery, Section 17, Township 17 South, Range 30 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 Polaris B Federal Tank Battery located in Section 17, Township 17 South, Range 30 East, Eddy County, New Mexico (Site). The spill site coordinates are N 32.83518°, W 103.99529°. 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 27, 2011, and released approximately twenty (20) barrels of oil due a tank overflow caused by an equalizer valve failure. To alleviate the problem, COG personnel replaced the damaged valve. Eighteen (18) barrels of standing fluids were recovered. The spill initiated from the tank and impacted an area approximately 50' x 85'. The entire spill remained within the facility berms. The initial C-141 form is enclosed in Appendix A.

#### Groundwater

No water wells were listed within Section 17. According to the NMOCD Eddy County groundwater map, the average depth to groundwater in this area is greater than 300' below surface. The groundwater information 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 July 14, 2011, Tetra Tech personnel inspected and sampled the spill area. A total of five (5) auger holes (AH-1 through AH-5) were installed using a stainless steel hand auger to assess the impacted soils. Select 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 results of the sampling are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, the samples from AH-1, AH-2, and AH-3 were all below the RRAL for TPH and BTEX. However, auger holes (AH-4 and AH-5) were not vertically defined and either exceeded the RRAL for TPH, Benzene or Total BTEX at depths of 0-1' and 1-1.5' below surface.

Auger holes (AH-1 and AH-5) did show chloride concentrations declining with depth, with bottom auger hole samples of 1,580 mg/kg at 3-3.5' and 1,520 mg/kg at 1-1.5', respectively.

#### Work Plan

COG proposes to removal of impacted material as highlighted (green) in Table 1 and shown on Figure 4. The area of AH-1 will be excavated to a depth of approximately 2.0' below surface. Once completed, a backhoe trench will be installed to define the vertical extent of the chloride impact. In addition, the areas of AH-4 and AH-5 will be excavated approximately 2.0' to 3.0' below surface to remove the hydrocarbon impacted soil above the



RRAL. Once excavated to the appropriate depths, bottom hole confirmation samples will be collected for TPH and BTEX analysis. All of the excavated soil will be transported to proper disposal. Based on the results, the excavations will be backfilled with clean soil.

Based on location of the spill area, deeper excavation of the spill may not be achieve due to proximity of oil and gas equipment, structures or lines, which may cause cave ins and safety concerns for onsite equipment and personnel. As such, Tetra Tech will excavate the soils to the maximum extent practicable. In addition, the deeper chloride impact encountered does not appear an environmental concern, with groundwater depth being greater than 300' below surface in the area.

If you have any questions or comments concerning the assessment or the proposed work plan, please call me at (432) 682-4559.

Respectfully submitted,

Ike Tavarez, PG

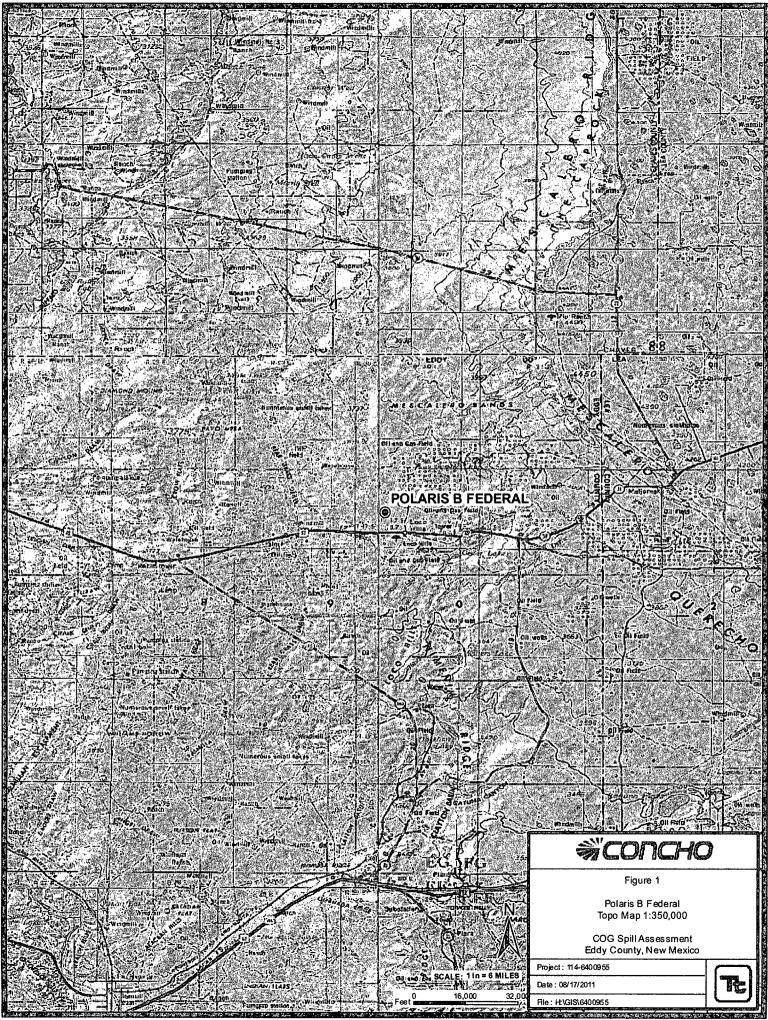
TETRA TECH

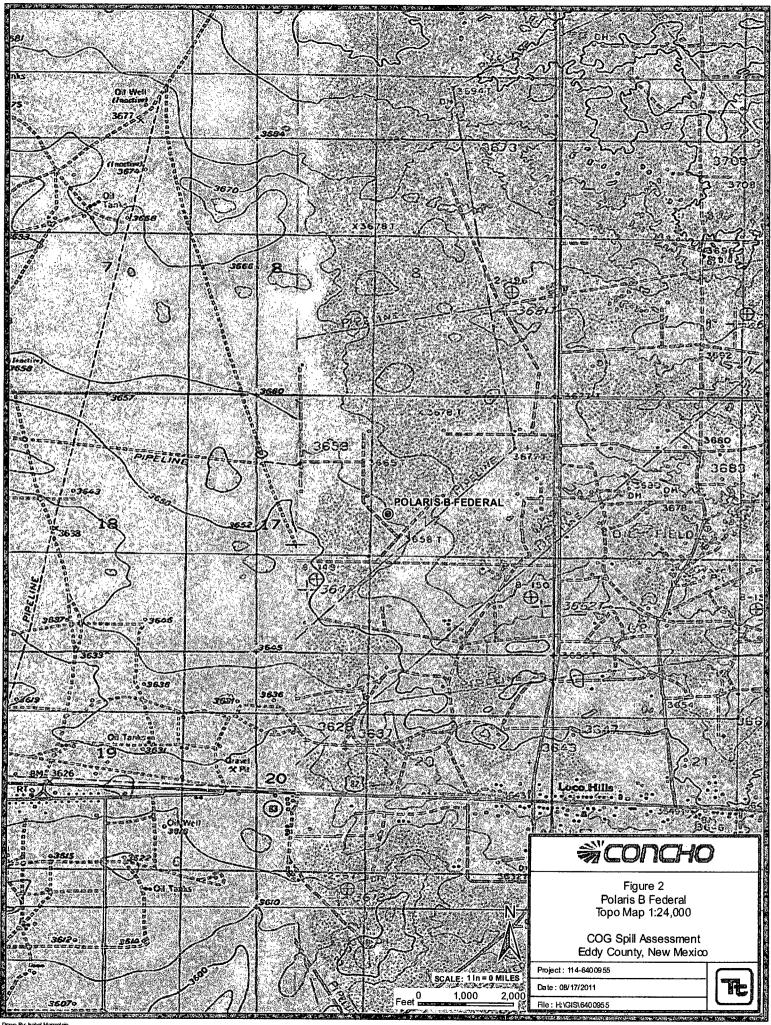
Senior Project Manager

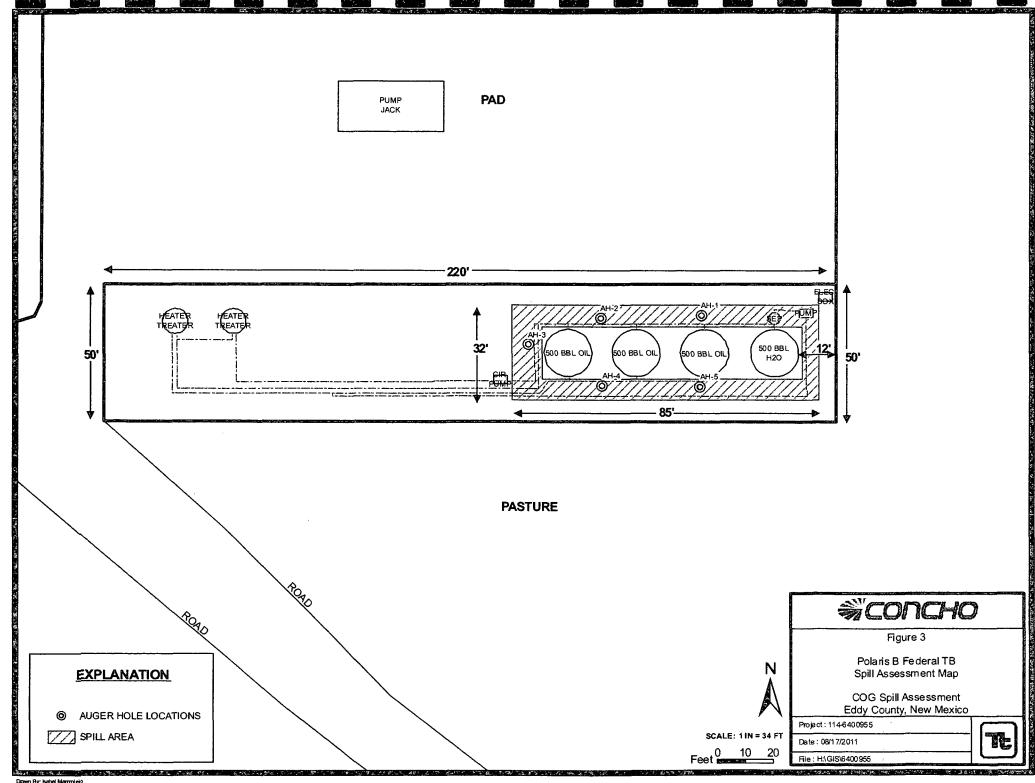
cc: Pat Ellis - COG

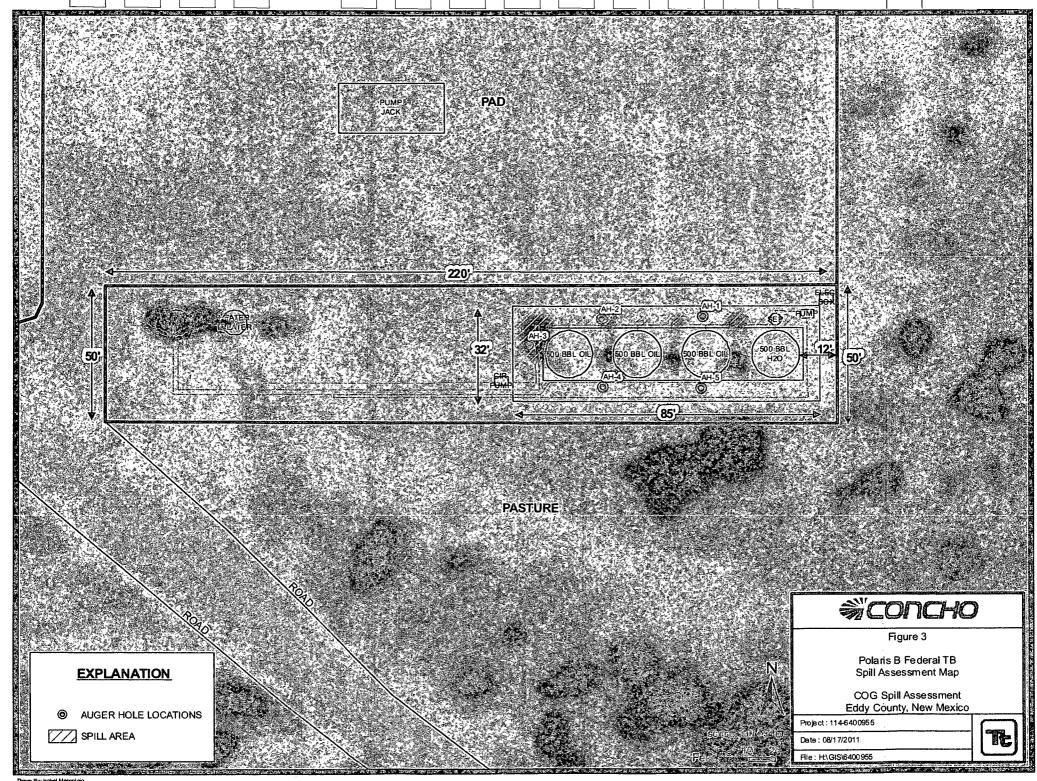
cc: Terry Gregston - BLM

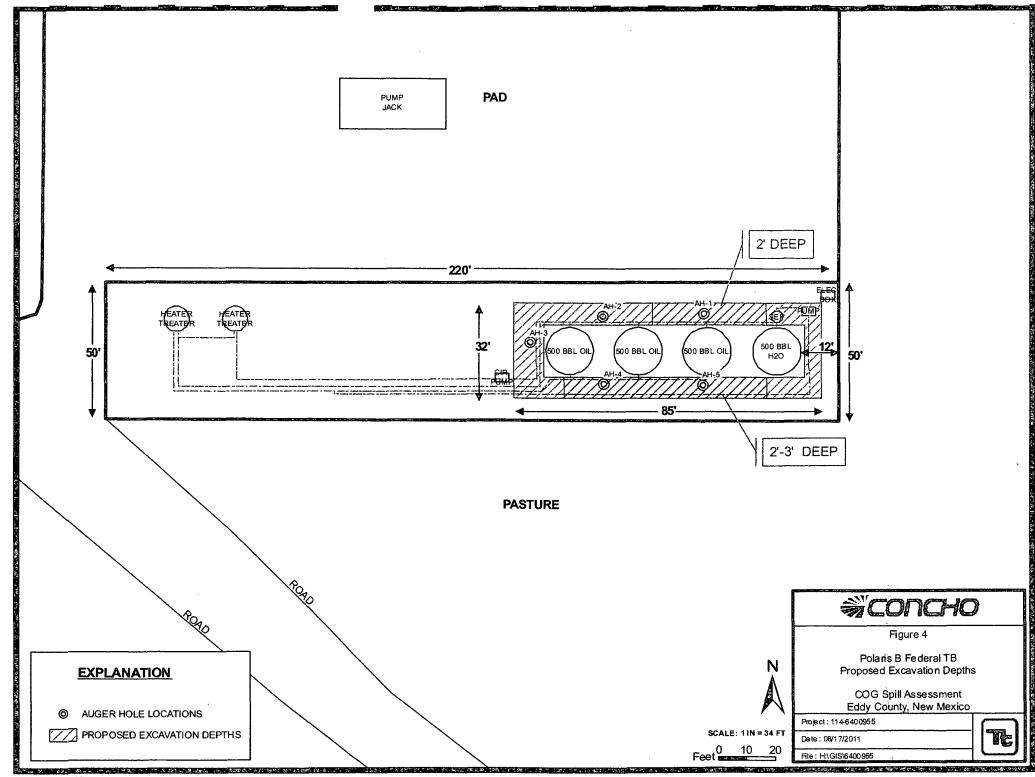
## Figures







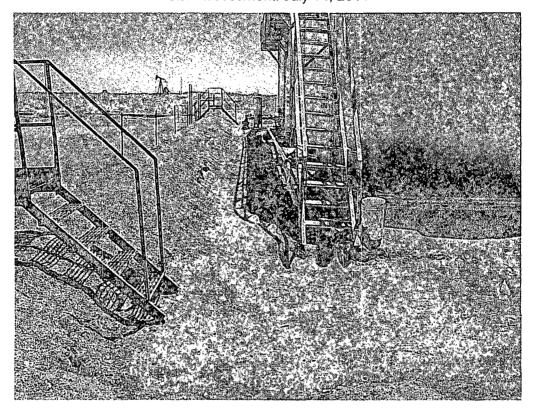




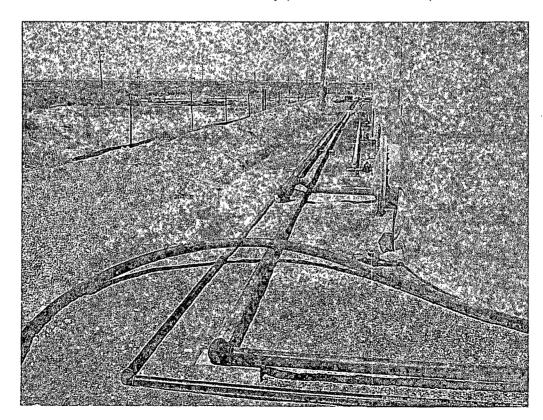
## Photos

## COG Operating LLC Polaris B Eddy County, New Mexico Site Assessment: July 14, 2011





North side of tank battery (AH-1, AH-2 and AH-3)



South side of tank battery (AH-4 and AH-5)

## Tables

# Table 1 COG Operating LLC. Polaris B Federal Eddy County, New Mexico

Sample	Sample Date	Sample	Soil Status		T	PH (mg/l	(g)	Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
ID		Depth (ft)	In-Situ	Removed	GRO-	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
AH-1	7/14/2011	0-1'	X		//197	. 213	410	<0.400	.<0.400 .	1.66	4.49	6.15	4,190
	<b>31</b>	1-1:5	X	SYM									3,890
	11	2-2.5	X					2 4 77					2,030
		3-3.5'	Х		-	-	_	-	-	-	-		1,580
AH-2	7/14/2011	0-1'	Х		150	115	265	<0.0200	<0.0200	<0.0200	0.654	0.654	<200
	11	1-1.5'	X		-	-	-	-	-	-	-	-	<200
	rı	2-2.5'	Х		-	-	_	-	-	-	-	-	<200
	IJ	3-3.5'	Х		-	-	-	-	-	-	-	-	<200
	п	4-4.5'	X			-		-	-	-	_		<b>&lt;2</b> 00-
AH-3	7/14/2011	0-1'	Х		281	320	601	<0.400	2.4	4.21	8.58	15.19	<200
		1-1.5'	Χ		-	-		-	-	-	-	-	<200
		2-2.5'	Х		-	-	_	-	-	-	-	-	<200
		3-3.5'	Х		-	_	-	-	_	-	_	*	<200
		4-4.5'	Х		-	-	_	-	-	~	-		257
		5 <del>-</del> 5.5'	X		-	-	-	-	-	-	-	•	<200
AH-4	7/14/2011	%	X		§ 530 ⊦ š	7,700	8,230	3.25	: 22.4	1.63	33	60.28	549
		*1-1.5 <sup>!</sup> *-	X		7,310	10,400	17,710	95.6	342	193	220	850.6	311
AH-5	7/14/2011		X		<sup>‡</sup> 2,020	6,930	8,950	12.9	133	110	123	ैं-378.9	1,750
		1-1.5	X		4,360	4,990	9,350	27.7	184	121	138	470.7	f.'1,520.

<sup>(--)</sup> Not Analyzed

Proposed Excavation Depths

## Appendix A

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

CO PARTY

## 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

						OPERA			al Report	rmai i	Repor
Name of Co		COG OP				Contact	Pa	at Ellis			
Address	550 W.			dland, TX 79701		Telephone No. 432-230-0077					
Facility Nar	ne	Pol	aris B			Facility Typ	e Tan	k Battery			
Surface Ow	ner Fede	ara1		Mineral O				1	No. NMLC	020242 D	
Surface Ow	ner reac	tai .		IMmerar	wner		<del></del>	Lease	NO. NIVILL	-029342-B	
				LOCA	TIO	N OF REI	LEASE				
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County	···	<del></del>
	17	175	30E							Eddy	
		L	<u> </u>	Latitude 32 5	0 111	Longita	ide 103 59.722		<u> </u>		<del></del>
						OF REL					
Type of Rele	ase Oil			1444			Release 20bbls	Volume	Recovered 1	8bbls	
	Source of Release Oil tank						lour of Occurrence		Hour of Dis		
	·				<u></u>	05/27/2011		05/27/20			
Was Immedia	ate Notice (		Vii. K	la Na Missani	! 1	If YES, To	Whom?				
		اسا	res 🗵	No ⊠ Not Rea	quired						
By Whom?		. 10			<u></u>	Date and H				-/Q	
Was a Water	Was a Watercourse Reached? ☐ Yes ☒ No					Date and Hour  If YES, Volume Impacting the Watercourse.  WINOCD ARTESIA  W. The valve has been replaced.					
If a Watercourse was Impacted, Describe Fully.*											
Describe Cau	se of Probl	em and Reme	dial Action	n Taken.*			***************************************		₩	RIFE	
The equalizer	valve betv	veen tanks fail	ed causing	g the oil tank to ove	erflow	. The valve ha	as been replaced.	/4	MOCD.		
Describe Are	a Affected	and Cleanup A	Action Tal	ken.*							
fluid has been The closest w contamination	recovered rell location refrom the	l. The entire re to the release release and we	elease was e site is the will pres	anks and we were a contained inside to Polaris B #1, (AP ent a remediation v	he dik I#) 30 vork p	e walls of the -015-31565. The lan to the NMO	facility. Noticeab Fetra Tech will sa OCD / BLM for a	le contaminated grouple the spill site pproval prior to ar	ravel and soi area to deline ny significant	has been reme eate any possib remediation w	oved. ole work.
regulations al public health should their of or the environ	l operators or the envir perations h ment. In a	are required to ronment. The nave failed to a	o report ar acceptant idequately ICD accep	is true and complied of file certain received for the certain received for a C-141 report investigate and received for a C-141 received	lease r t by th mediat	notifications ar ne NMOCD mate contamination	d perform correct arked as "Final Re on that pose a thre	tive actions for releport" does not releat to ground water	eases which ieve the oper r, surface wa	may endanger ator of liability ter, human hea	y
					T		OIL CONS	SERVATION	DIVISIO	N	
Signature:			1	25							
Printed Name	:	Josh	Russa			Approved by	District Superviso	r:		· · · · · · · · · · · · · · · · · · ·	
Title:		HSE Co	ordinator			Approval Date	ð:	Expiration	Date:		
E-mail Addre	ss:	jrusso@conc	horesourc	es.com	Conditions of Approval:						
Date: 06/	01/2011		none:	432-212-2399						_	
Attach Addit	ional Shee	ets If Necessa	ary								

## Appendix B

## Water Well Data Average Depth to Groundwater (ft) COG - Polaris B Federal Eddy County, New Mexico

	16 Sc	4	3	2	1	6	16 Se	4	3	2	1	6	5	South 4	3	2 East	1
	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12 28
	17	16	15	14	13	18	17	16	15	14	13	18	17	16	15	14	13
0	20	21	22	23	24	19	20	21	22	23	24	19	20	21	22	23	24
	29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25
	32	33	34	35	36	31	32	33	34	35	36	31 290	32	33	34	35	36
	17 Sc	outh	2	29 East			17 Sc	outh	3	0 East			17 :	South	3	1 East	
	5	4	3	2	1	6	5	4	3	2	1	6	5	4	3	2	1
_	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12
	17	16	15	14	13	18	17 SITE	16	15	14	13	18	17	16	15	14	13
	20	21	22 <b>80</b>	23	24	19	20	21	22	23	24	19	20	21	22	23	24
	29 210 208'	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25
	32	33	34	35 153	36	31	32	33	34	35	36	31	32	33	34 271	35	36
	18 S	outh	2	29 East			18 S	outh	3	0 East			18	South	3	1 East	
	5	4	3	2	1	6	5	4	3	2	1	6	5	4	3	2	1
	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12 40
	17	16	15	14	13	18	17	16	15	14	13	18	17	16	15	14 317	13
	20	21	22	23	24	19	20	21	22	23	24	19	20	21	22	23	24
-	29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25
	32	33	34	35	36	31	32	33	34	35	36	31	32	33	34	35 <b>261</b>	36

New Mexico State Engineers Well Reports
USGS Well Reports
Geology and Groundwater Conditions in Southern Eddy, County, NM
NMOCD - Groundwater Data
Site Location - Electra Federal #5 Site

## Appendix C

Work Order: 11071511 Page Number: 1 of 4 Report Date: July 22, 2011

## **Summary Report**

Ike Tavarez Report Date: July 22, 2011

Tetra Tech

1910 N. Big Spring Street Work Order: 11071511

Midland, TX 79705

Project Location: Eddy Co., NM

Project Name: COG/Polaris B Federal

Project Number: 114-6400955

			Date	Time	Date
Sample	Description	Matrix	$\operatorname{Taken}$	Taken	Received
272027	AH-1 0-1	soil	2011-07-14	00:00	2011-07-15
272028	AH-1 1-1.5	soil	2011-07-14	00:00	2011-07-15
272029	AH-1 2-2.5	soil	2011-07-14	00:00	2011-07-15
272030	AH-1 3-3.5	soil	2011-07-14	00:00	2011-07-15
272031	AH-2 0-1	soil	2011-07-14	00:00	2011-07-15
272032	AH-2 1-1.5	soil	2011-07-14	00:00	2011-07-15
272033	AH-2 2-2.5	soil	2011-07-14	00:00	2011-07-15
272034	AH-2 3-3.5	soil	2011-07-14	00:00	2011-07-15
272035	AH-2 4-4.5	soil	2011-07-14	00:00	2011-07-15
272036	AH-3 0-1	soil	2011-07-14	00:00	2011-07-15
272037	AH-3 1-1.5	soil	2011-07-14	00:00	2011-07-15
272038	AH-3 2-2.5	soil	2011-07-14	00:00	2011-07-15
272039	AH-3 3-3.5	soil	2011-07-14	00:00	2011-07-15
272040	AH-3 4-4.5	soil	2011-07-14	00:00	2011-07-15
272041	AH-3 5-5.5	soil	2011-07-14	00:00	2011-07-15
272042	AH-4 0-1	soil	2011-07-14	00:00	2011-07-15
272043	AH-4 1-1.5	soil	2011-07-14	00:00	2011-07-15
272044	AH-5 0-1	soil	2011-07-14	00:00	2011-07-15
272045	AH-5 1-1.5	soil	2011-07-14	00:00	2011-07-15

		]	BTEX		TPH DRO - NEW	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
272027 - AH-1 0-1	< 0.400	< 0.400	1.66	4.49	213	197
272031 - AH-2 0-1	< 0.0200	< 0.0200	< 0.0200	0.654	115	150
272036 - AH-3 0-1	< 0.400	2.40	4.21	8.58	320	281
272042 - AH-4 0-1	3.25	22.4	1.63	33.0	7700	530
272043 - AH-4 1-1.5	95.6	342	193	220	10400	7310
272044 - AH-5 0-1	12.9	133	110	123	6930	2020

continued ...

Sample   Field Code   General   Toluene   Ethylbenzene   Xylene   General   General	Report Date: July 22, 20	)11		Work Order: 110	71511	Page Number: 2 of 4		
Benizene   Tohene   Ethylbenzene   Xylene   Grap/Ka)   Grap/Ka)	$\dots continued$							
Sample   Field Code   Comp/(Ke)   Comp/(				BTEX		TPH DRO - NEW	TPH GRO	
272045 - AH-5 1-1.5		Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO	
Sample: 272027 - AH-1 0-1           Param         Flag         Result         Units           Chloride         4190         mg/Kg           Sample: 272028 - AH-1 1-1.5         Param         Flag         Result         Units           Chloride         3890         mg/Kg           Sample: 272029 - AH-1 2-2.5         Param         Flag         Result         Units           Chloride         2030         mg/Kg           Sample: 272030 - AH-1 3-3.5         Param         Flag         Result         Units           Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1         Param         Flag         Result         Units           Chloride         < 200         mg/Kg           Sample: 272032 - AH-2 1-1.5         Param         Flag         Result         Units           Chloride         < 2000         mg/Kg			***************************************				(mg/Kg)	
Param         Flag         Result         Units           Chloride         4190         mg/Kg           Sample: 272028 - AH-1 1-1.5	272045 - AH-5 1-1.5	27.7	184	121	138	4990	4360	
Chloride	Sample: 272027 - AH	-1 0-1						
Sample: 272028 - AH-1 1-1.5     Param	Param	Flag		Result		Units	RL	
Sample: 272028 - AH-1 1-1.5           Param         Flag         Result         Units           Chloride         3890         mg/Kg           Sample: 272029 - AH-1 2-2.5         Param         Flag         Result         Units           Chloride         2030         mg/Kg           Sample: 272030 - AH-1 3-3.5         Param         Flag         Result         Units           Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1         Param         Flag         Result         Units           Chloride         <200	Chloride					mg/Kg	4	
Chloride         3890         mg/Kg           Sample: 272029 - AH-1 2-2.5         Param         Flag         Result         Units           Chloride         2030         mg/Kg           Sample: 272030 - AH-1 3-3.5         Param         Flag         Result         Units           Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1         Param         Flag         Result         Units           Chloride         <200         mg/Kg           Sample: 272032 - AH-2 1-1.5         Param         Flag         Result         Units           Chloride         <200         mg/Kg				<b>7</b> 0. V		**	D.	
Sample: 272029 - AH-1 2-2.5         Param       Flag       Result       Units         Chloride       2030       mg/Kg     Sample: 272030 - AH-1 3-3.5  Param Flag Result Units Chloride  Sample: 272031 - AH-2 0-1  Param Flag Result Units Chloride  Sample: 272032 - AH-2 1-1.5 Param Flag Result Units Chloride  Vunits Chloride  Chloride  Chloride  Sample: 272032 - AH-2 1-1.5 Param Flag Result Units Chloride  Chloride  Chloride  Chloride  Chloride  Chloride  Chloride  Clarity Chloride  Chl		Flag					RL	
Param         Flag         Result         Units           Chloride         2030         mg/Kg           Sample: 272030 - AH-1 3-3.5           Param         Flag         Result         Units           Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1         Param         Flag         Result         Units           Chloride         <200	Chioride			3690		mg/ <b>r</b> g	4	
Chloride         2030         mg/Kg           Sample: 272030 - AH-1 3-3.5 <ul></ul>	Sample: 272029 - AH	-1 2-2.5						
Sample: 272030 - AH-1 3-3.5         Param       Flag       Result       Units         Chloride       1580       mg/Kg             Sample: 272031 - AH-2 0-1       Param       Flag       Result       Units         Chloride       <200		Flag					RL	
Param         Flag         Result         Units           Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1           Param         Flag         Result         Units           Chloride         <200	Chloride			2030		mg/Kg	4	
Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1         Param         Flag         Result         Units           Chloride         272032 - AH-2 1-1.5           Param         Flag         Result         Units           Chloride         < 200	Sample: 272030 - AH	-1 3-3.5						
Chloride         1580         mg/Kg           Sample: 272031 - AH-2 0-1         Result         Units           Param         Flag         Result         Units           Chloride         <200	Param	Flag		Result		Units	RL	
Param         Flag         Result         Units           Chloride         <200	Chloride		****	1580		mg/Kg	4	
Chloride         <200         mg/Kg           Sample: 272032 - AH-2 1-1.5         Param         Flag         Result         Units           Chloride         <200	Sample: 272031 - AH	-2 0-1						
Sample: 272032 - AH-2 1-1.5           Param         Flag         Result         Units           Chloride         <200	Param	Flag		Result		Units	RL	
Param Flag Result Units Chloride <200 mg/Kg	Chloride			<200		mg/Kg	4	
Chloride <200 mg/Kg	Sample: 272032 - AH-	-2 1-1.5						
Chloride <200 mg/Kg	Param	Flag		Result		Units	RL	
Samuela, 272022 ATL 2 2 2 5	Chloride						4	
Comple. 979999 AII 9 9 9 F								
	Sample: 272033 - AH-	-2 2-2.5					continued	

Report Date: July	22, 2011	Work Order: 11071511	Page 1	Page Number: 3 of 4		
sample 272033 cons	tinued					
Param	Flag	Result	Units	RL		
Param	Flag	Result	Units	RL		
Chloride		<200	nıg/Kg	4		
Sample: 272034	- AH-2 3-3.5					
Param	Flag	Result	Units	RL		
Chloride		<200	mg/Kg	4		
Sample: 272035	- AH-2 4-4.5					
Param	Flag	Result	Units	RL		
Chloride		<200	mg/Kg	4		
Sample: 272036	- AH-3 0-1					
Param	Flag	Result	Units	RL		
Chloride		<200	mg/Kg	4		
Sample: 272037	- AH-3 1-1.5					
Param	Flag	Result	Units	RL		
Chloride		<200	mg/Kg	4		
Sample: 272038 -	- AH-3 2-2.5					
Param	Flag	Result	Units	RL		
Chloride		<200	mg/Kg	4		
Sample: 272039 -	- AH-3 3-3.5					
Param	Flag	Result	Units	RL		
Chloride	· · · · · · · · · · · · · · · · · · ·	<200	mg/Kg	4		

Sample: 272040 - AH-3 4-4.5

Report Date: July	22, 2011	Work Order: 11071511	Page Number: 4 of 4		
Param	Flag	Result	Units	RL	
Chloride		257	mg/Kg	4	
Sample: 272041	- AH-3 5-5.5				
Param	Flag	Result	Units	RL	
Chloride		<200	mg/Kg	4	
Sample: 272042	- AH-4 0-1				
Param	Flag	Result	Units	RL	
Chloride		549	mg/Kg	4	
Sample: 272043	- AH-4 1-1.5				
Param	Flag	Result	Units	RL	
Chloride		311	mg/Kg	4	
Sample: 272044	- AH-5 0-1				
Param	Flag	Result	Units	RL	
Chloride		1750	mg/Kg	4	
Sample: 272045	- AH-5 1-1.5				
Param	Flag	Result	Units	RL	
Chloride		1520	mg/Kg	4	