

SITE INFORMATION

Report Type: Work Plan

General Site Information:

Site:	Electra Federal #9					
Company:	COG Operating LLC					
Section, Township and Range	Unit D	Sec 15	T17S	R30E		
Lease Number:	API-30-015-34721					
County:	Eddy County					
GPS:	32.83955° N			103.96537° W		
Surface Owner:	Federal					
Mineral Owner:						
Directions:	In Loco Hills, from the intersection of CR 219 and 82, travel north on CR 219 (1.2 miles), turn right and travel (0.4 miles), turn right and travel (0.2 miles), turn left and travel (0.3 miles) to location.					

Release Data:

Date Released:	3/22/2012					
Type Release:	Oil and Produced Water					
Source of Contamination:	Flowline failure					
Fluid Released:	7 bbls oil 15 bbls water					
Fluids Recovered:	6 bbls oil 14 bbls water					

Official Communication:

Name:	Pat Ellis		Thomas Franklin
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) 682-4559
Fax:	(432) 684-7137		
Email:	pellis@conchoresources.com		tom.k.franklin@tetrattech.com

Ranking Criteria

Depth to Groundwater:	Ranking Score	Site Data
<50 ft	20	
50-99 ft	10	
>100 ft.	0	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
Total Ranking Score:		0

Acceptable Soil RRAL (mg/kg)

Benzene	Total BTEX	TPH
10	50	5,000



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SEP 06 2012

NMOCD ARTESIA

May 17, 2012

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., Electra Federal #9 Flow line, Unit D Section 15, 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 Electra Federal #9 flow line located in Unit D, Section 15, Township 17 South, Range 30 East, Eddy County, New Mexico (Site). The spill site coordinates are N 32.83955°, W 103.96537°. 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 March 22, 2012, and released approximately twenty two (22) barrels of produced fluid from a flow line. To alleviate the problem, COG personnel repaired the flow line. Twenty (20) barrels of standing fluids were recovered. The spill initiated west of the tank battery affecting an area approximately 20' X 160' in the pasture outside the tank battery facility. The initial C-141 form is enclosed in Appendix A.

Groundwater

No water wells were listed within Section 15. According to the NMOCD groundwater map, the depth to groundwater in this area is approximately 325' below surface. The groundwater data is shown in Appendix B.

Tetra Tech

1919 North Big Spring, Midland, TX 79705

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com



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 April 19, 2012, Tetra Tech personnel inspected and sampled the spill area. 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 sampling results are summarized in Table 1. The auger hole and spill area are shown on Figure 3.

Referring to Table 1, samples in the areas of AH-3, AH-4 and AH-5 exceeded the RRAL for either TPH or BTEX. Auger holes (AH-3 and AH-4) showed a shallow impact to the soils, which declined below the RRAL at 2.0' and 1.0', respectively. The area of AH-5 showed a deeper impact with TPH and total BTEX exceeding the RRAL at 0-1' and declined below the RRAL at 1-1.5' below surface. However, the deeper samples at 4-4.5' showed TPH, Benzene and total BTEX concentrations exceeding the RRAL, but declined at 5.0' below surface.

Elevated chlorides were detected in all of the auger holes. Auger hole (AH-2) did not show a significant impact to the soils, with a chloride spike at 2-2.5' of 1,440 mg/kg. In addition, the area of AH-5 showed an elevated chloride at 3-3.5' of 14,800 mg/kg, which significantly declined with depth. In the area of AH-4, elevated chloride concentrations were detected from 0 to 7.0' below surface, with chloride concentrations ranging from 1,360 mg/kg to 12,200 mg/kg. AH-1 and AH-3 bottom hole samples exhibited chloride concentrations of 2,330 mg/kg at 3-3.5' and 16,800 mg/kg at 2.5-3.0',



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respectively. These impacted areas were not vertically defined. Due to the lines in the area, a drilling rig was not accessible to the area.

Work Plan

COG proposes to remove impacted material as highlighted (green) shown in Table 1 and Figure 4. The areas of AH-4 and AH-5 will be excavated to a depth of 4.0' to 7.0' below surface to remove the elevated chlorides and hydrocarbon impact above the RRAL, if accessible. The areas of AH-1 and AH-3 will be initially excavated to depth of approximately 3.0' below surface and then trenched with a backhoe to define the chloride extents. Based on the results, the areas will be excavated to the appropriate depths. All of the excavated soil from the site will be transported to proper disposal.

Due to the location of the spill, the proposed excavation depths and areas may not be achieved due to wall cave ins, oil and gas equipment, electrical, structures or lines which may not be feasible or practicable to be removed due to safety concerns. As such, Tetra Tech will excavate the soils to the maximum extent practicable. If the impacted soil is not accessible, the soil will be deferred until the abandonment of the facility. If deeper impact is encountered and excavation cannot be achieved, the impacted soil will be capped with either 40 mil liner or clay material at 3.0' to 4.0' below surface and backfilled with soil to grade.

If you have any questions or comments concerning the assessment or the proposed remediation activities for this site, please call me at (432) 682-4559.

Respectfully submitted,
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Ike Tavaréz, PG
Senior Project Manager

cc: Pat Ellis – COG
cc: Terry Gregston – BLM

Figures

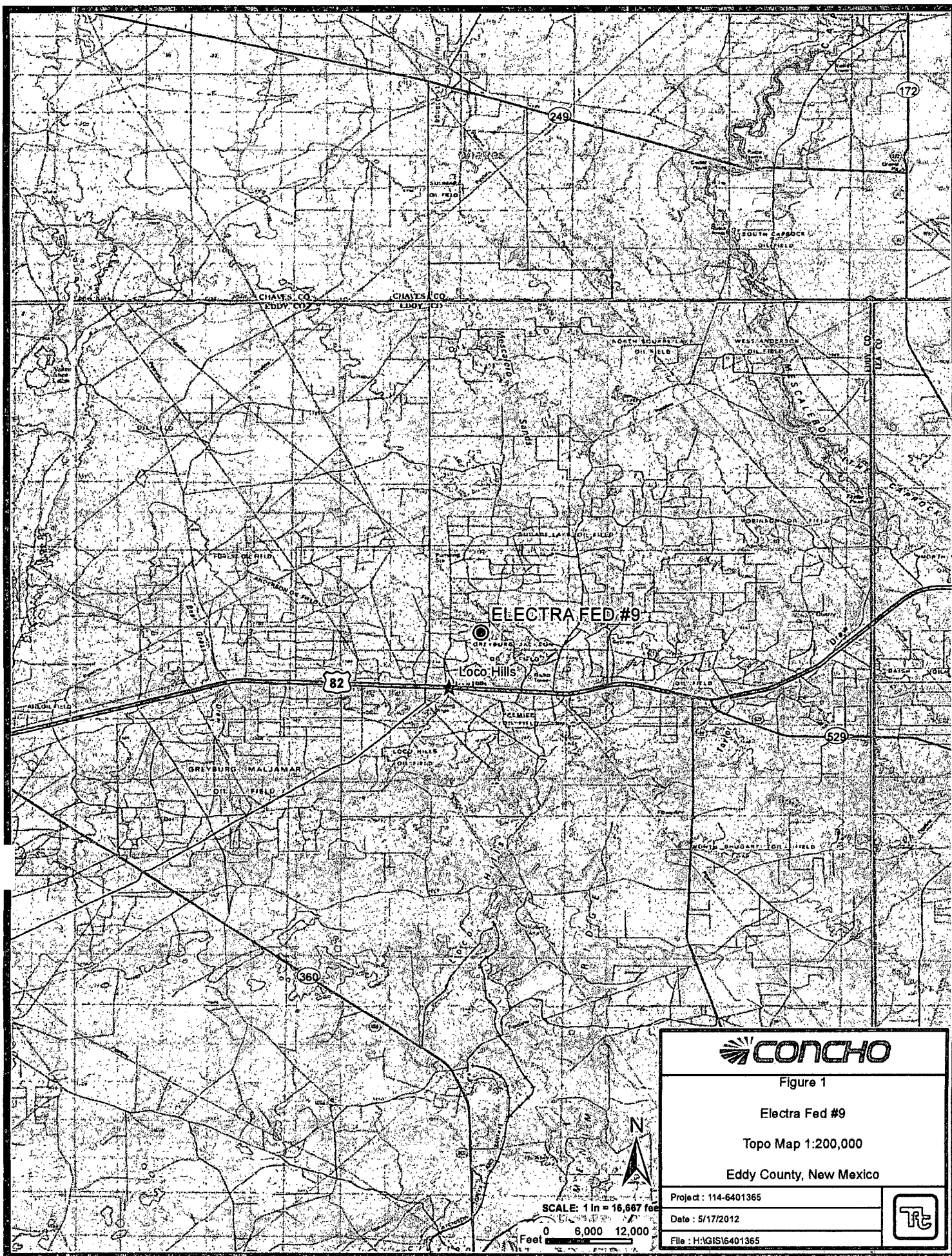


Figure 1

Electra Fed #9

Topo Map 1:200,000

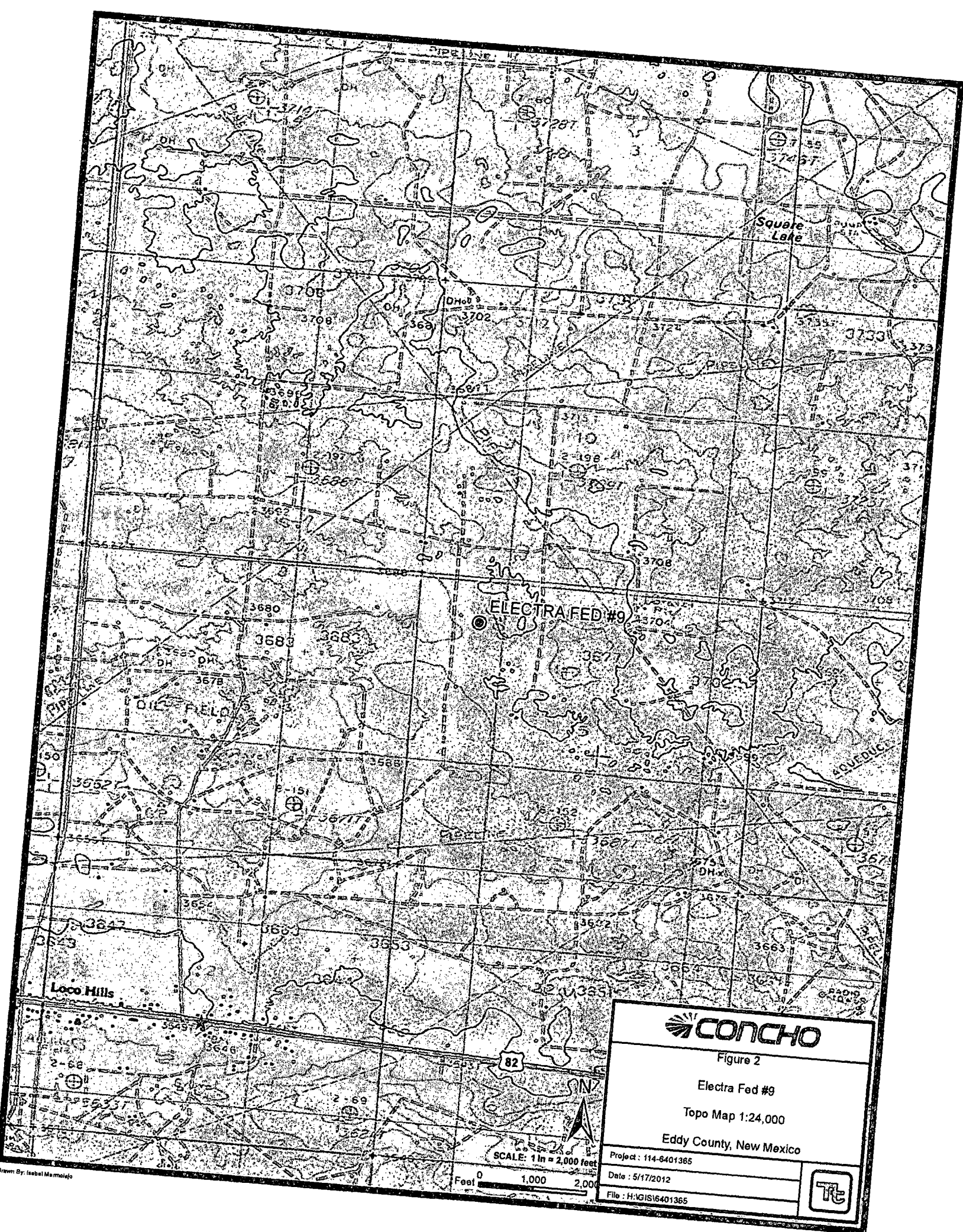
Eddy County, New Mexico

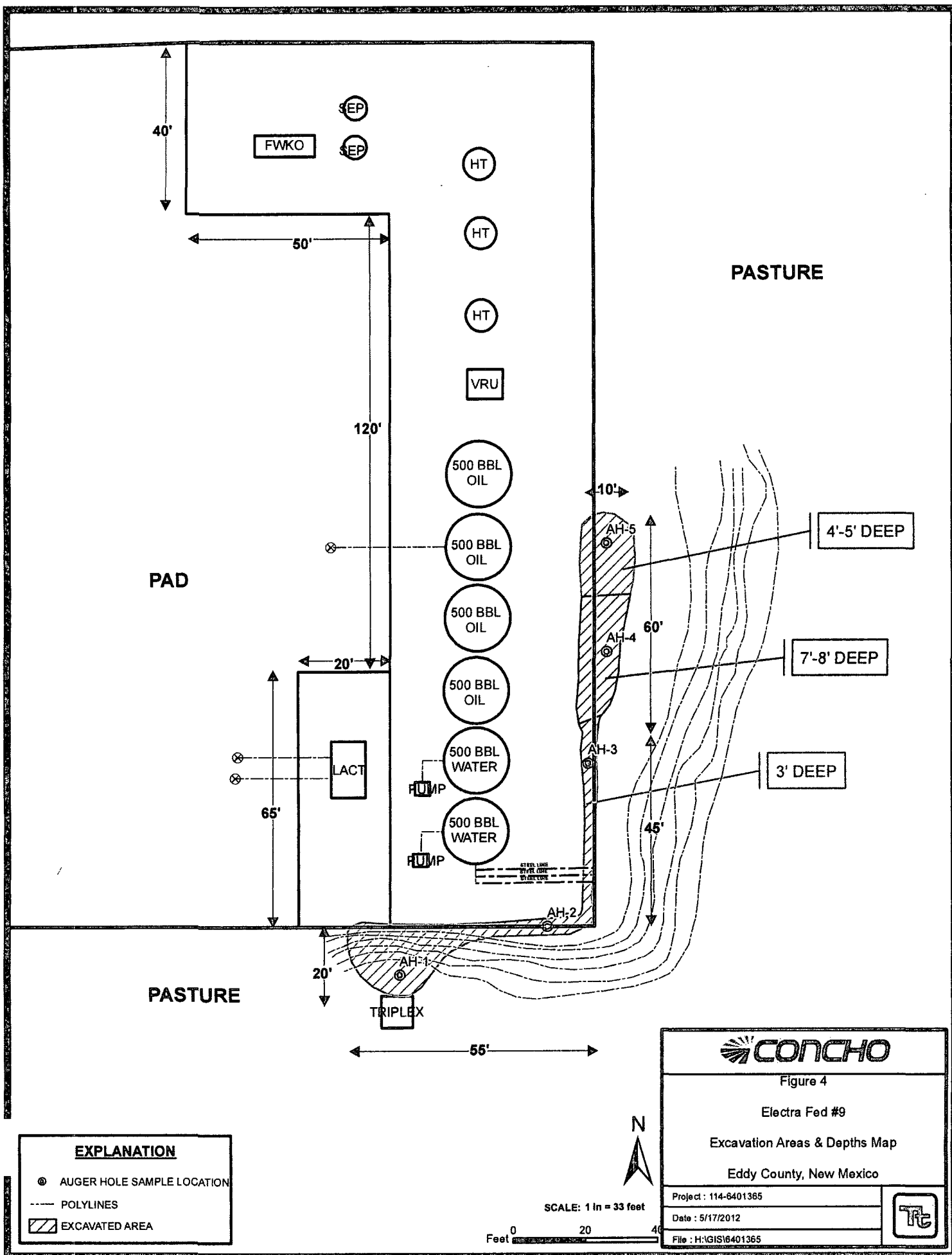
Project : 114-6401365

Date : 5/17/2012

File : H:\GIS\6401365







Tables

Table 1
COG Operating LLC.
Electra Federal #9
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Depth (ft)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total						
AH-1	4/19/2012	0-1	-	X		8.09	<50.0	8.09	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,190
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	1,320
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	805
T	"	3-3.5	-	X		-	-	-	-	-	-	-	-	2,330
AH-2	4/19/2012	0-1	-	X		179	2,210	2,389	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	530
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	211
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	1,440
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	427
AH-3	4/19/2012	0-1	-	X		5,080	3,610	8,690	6.97	46.3	51.4	84.9	190	11,700
	"	1-1.5	-	X		3,330	3,500	6,830	119.8	119	83.0	118	440	5,600
	"	2-2.5	-	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	10,100
T	"	2.5-3	-	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	16,800

Table 1
COG Operating LLC.
Electra Federal #9
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Depth (ft)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total						
AH-4	4/19/2012	0-1	-	X		1,490	3,940	5,430	1.74	17.9	23.2	35.7	78.5	2,540
	"	1-1.5	-	X		206	399	605	0.282	0.848	0.506	1.71	3.35	1,360
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	4,950
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	7,360
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	8,540
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	12,200
	"	6-6.5	-	X		-	-	-	-	-	-	-	-	4,700
	"	7-7.5	-	X		-	-	-	-	-	-	-	-	4,280
	"	8-8.5	-	X		-	-	-	-	-	-	-	-	1,410
	"	9-9.5	-	X		-	-	-	-	-	-	-	-	356
AH-5	4/19/2012	0-1	-	X		3,880	3,550	7,430	2.36	8.49	18.7	43.7	73.3	73.1
	"	1-1.5	-	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	53.6
	"	2-2.5	-	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	770
	"	3-3.5	-	X		4,210	3,600	7,810	10.7	64.9	56.6	88.6	221	14,800
	"	4-4.5	-	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,160
	"	5-5.5	-	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	39.0
	"	6-6.5	-	X		-	-	-	-	-	-	-	-	29.2

BEB Below Excavation Bottom

(--) Not Analyzed



Proposed Excavation Depths

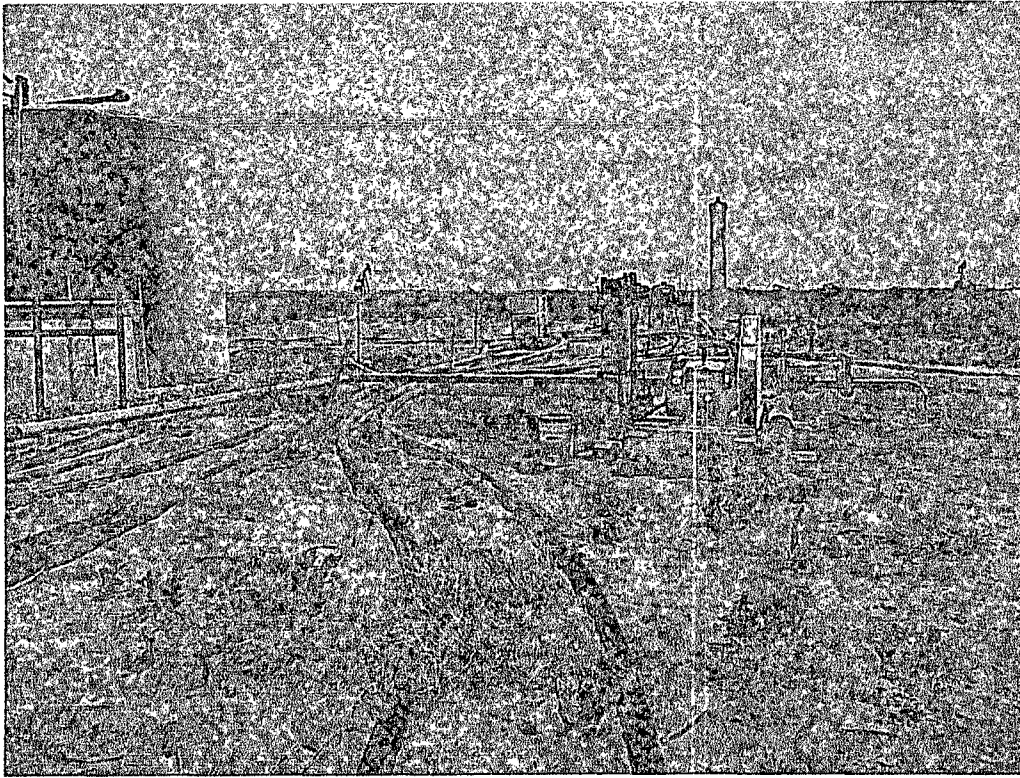
T Install backhoe trench to define extents

Photos

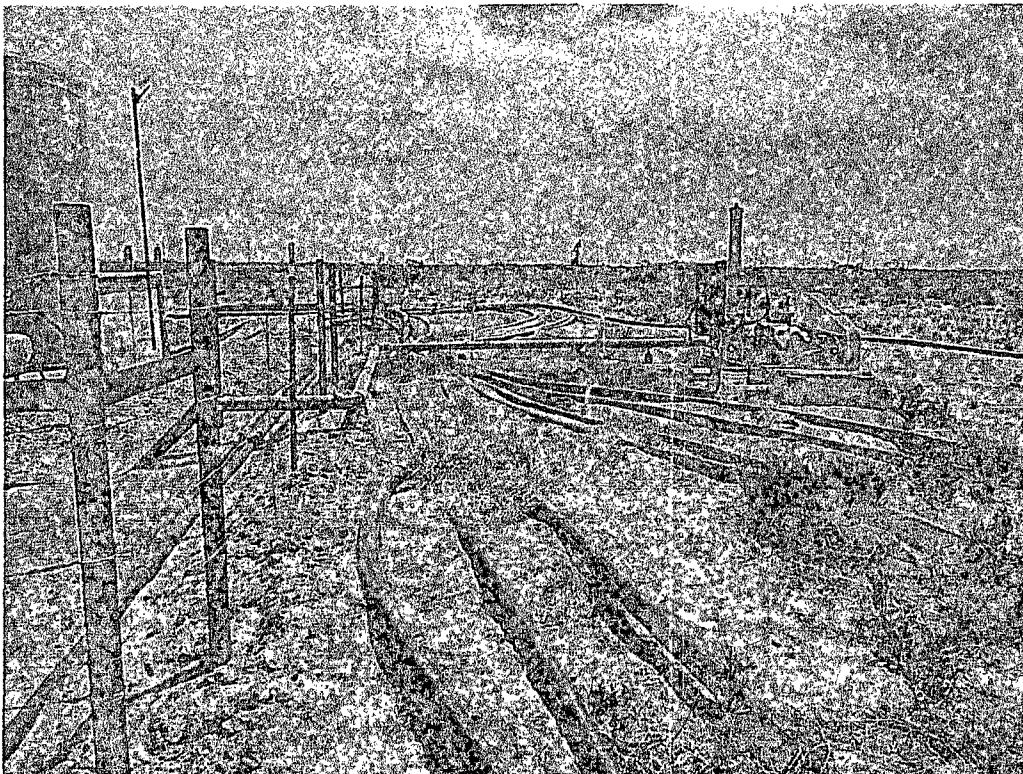
COG Operating LLC
Electra Federal #9
Eddy County, New Mexico



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View East – Area of AH-1

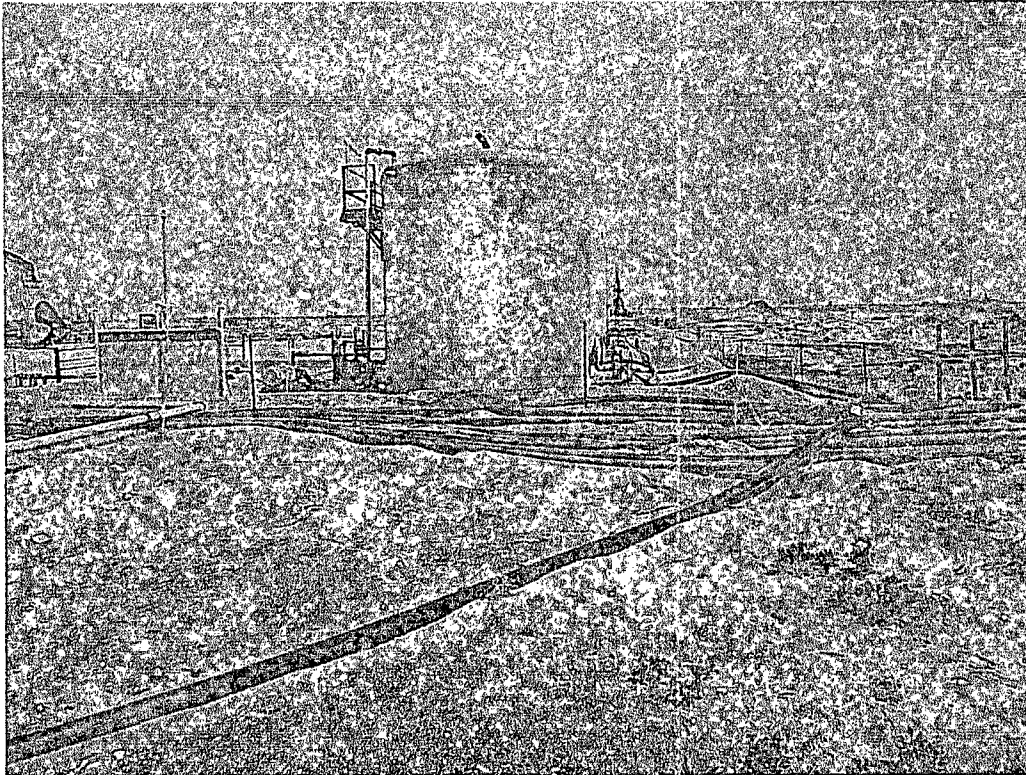


View of area of AH-1

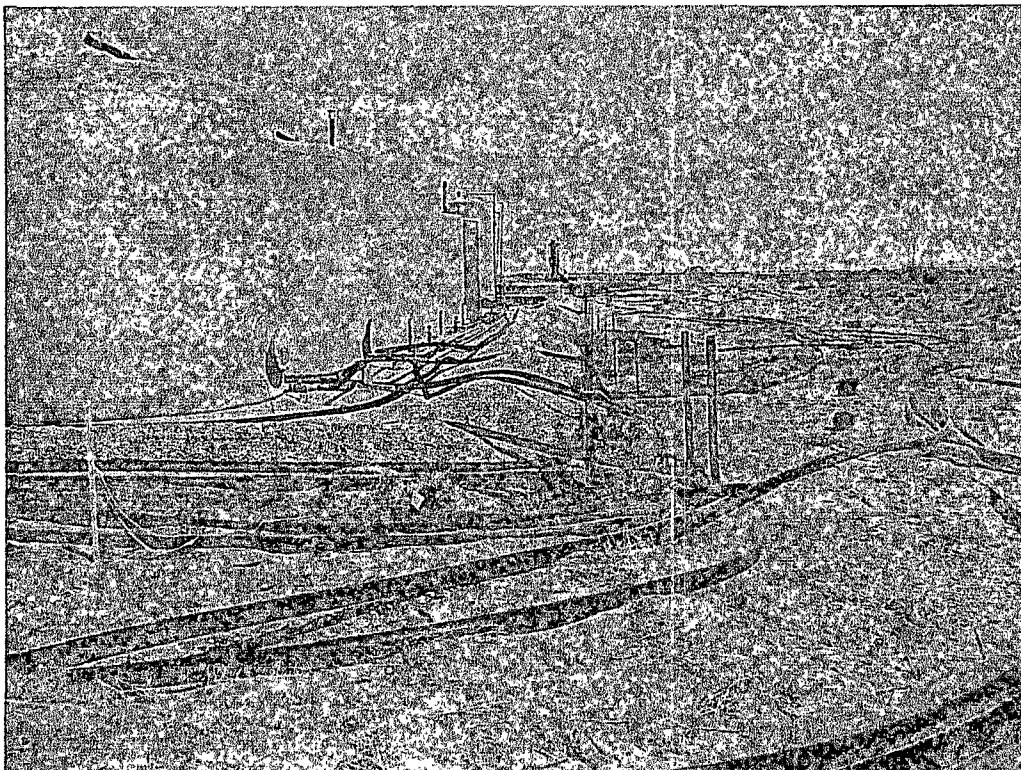
COG Operating LLC
Electra Federal #9
Eddy County, New Mexico



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View of area of AH-1 and AH-2

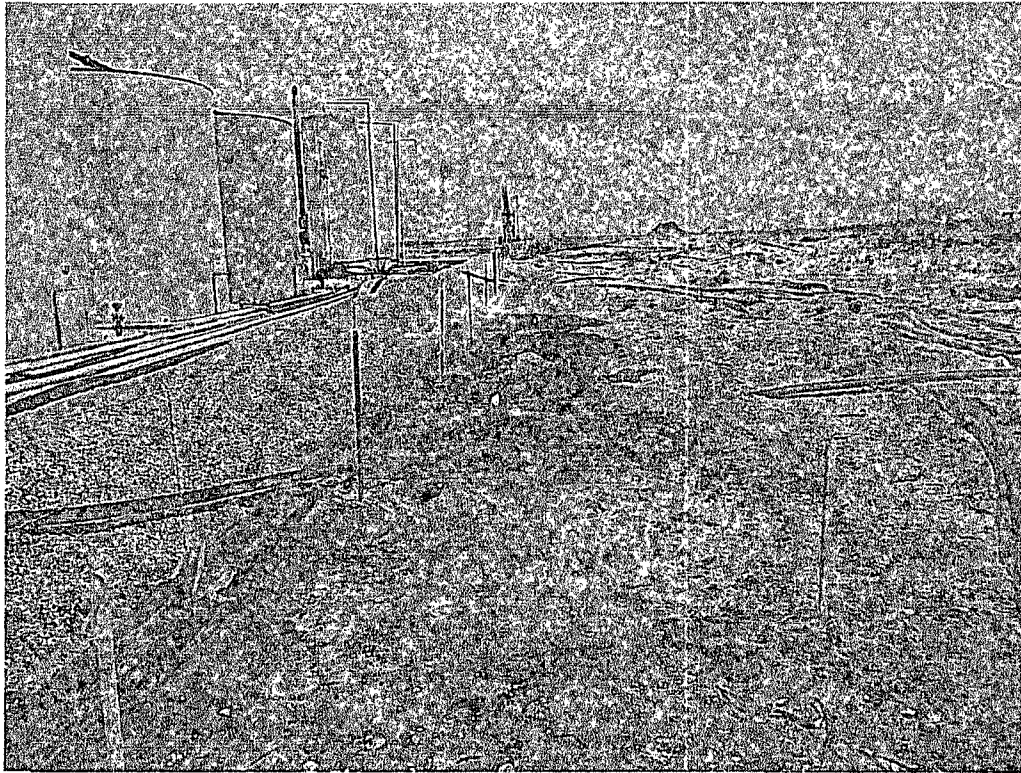


View area of AH-2

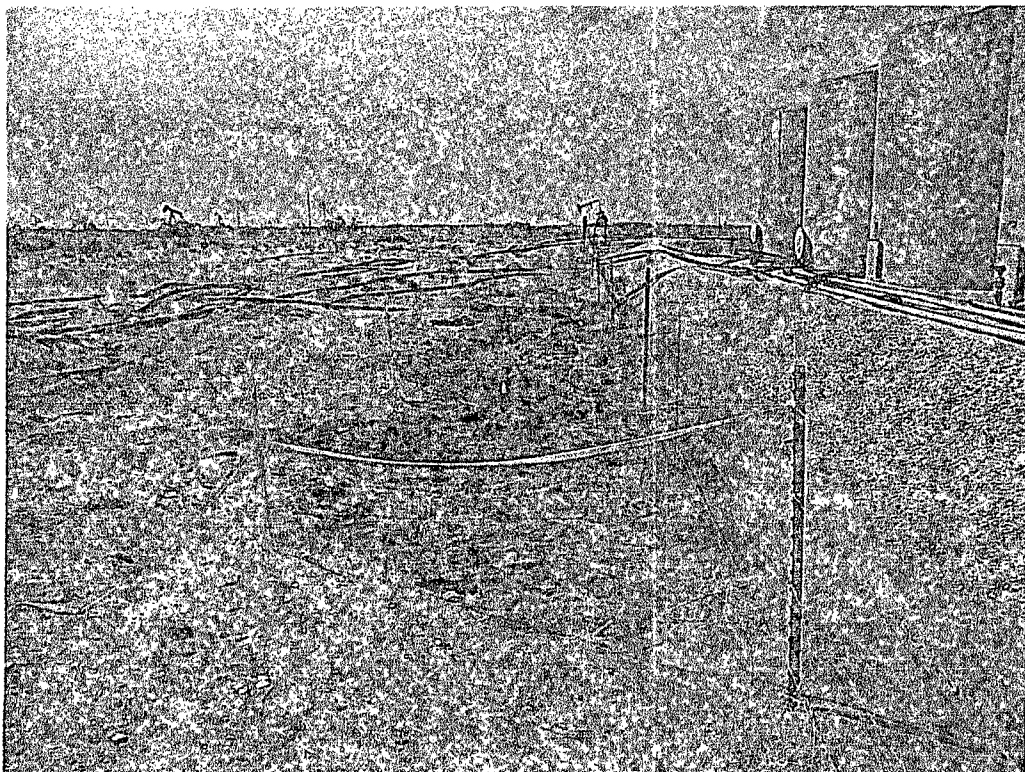
COG Operating LLC
Electra Federal #9
Eddy County, New Mexico



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View North – Area of AH-4 and AH-5



View South – Area of AH-4 and AH-5

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

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

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	COG OPERATING LLC	Contact	Pat Ellis
Address	550 W. Texas, Suite 100, Midland, TX 79701	Telephone No.	432-230-0077
Facility Name	Electra Federal #9	Facility Type	Flowline

Surface Owner	Federal	Mineral Owner		Lease No. (API#)	30-015-34721
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	15	17S	30E					Eddy

Latitude 32 50.370 Longitude 103 57.911

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	7bbls oil 15bbls produced water	Volume Recovered	6bbls oil 14bbls produced water
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Source of Release	Flowline	Date and Hour of Occurrence	03/22/2012	Date and Hour of Discovery	03/22/2012 8:50 a.m.
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Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
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By Whom?	Date and Hour
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Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
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If a Watercourse was Impacted, Describe Fully.*

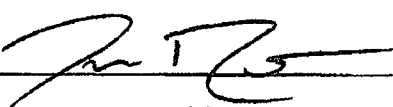
Describe Cause of Problem and Remedial Action Taken.*

A hole developed in a 2 7/8 steel flowline directly behind our Electra Federal North Tank Battery. The faulty section on flowline has been replaced with new steel line.

Describe Area Affected and Cleanup Action Taken.*

Initially 22bbls were released from the ruptured line and we were quickly able to recover 20bbls of fluid with a vacuum truck. The release area measures 10' x 60' outside of the Electra Federal North Tank Battery. Tetra Tech will sample the spill site area to delineate any possible contamination from the release and we will present a remediation work plan to the NMOCD/BLM for approval prior to any significant remediation work.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Josh Russo		Approved by District Supervisor:	
Title: HSE Coordinator		Approval Date:	Expiration Date:
E-mail Address: jrusso@conchoresources.com		Conditions of Approval:	
Date: 04/02/2012 Phone: 432-212-2399		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

Appendix B

Water Well Data
Average Depth to Groundwater (ft)
COG - Electra Federal #9
Eddy County, New Mexico

16 South			29 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
110	29	28	27	26	25
30	32	33	34	35	36

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

16 South			31 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
289	29	28	27	26	25
290	32	33	34	35	36

17 South			29 East		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
208	29	28	27	26	25
31	32	33	34	35	36






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

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

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

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

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

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

Appendix C

Summary Report

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

Report Date: May 4, 2012

Work Order: 12042408



Project Location: Eddy Co., NM
Project Name: COG/Electra Federal #9
Project Number: 114-6401365

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
295035	AH-1 0-1'	soil	2012-04-19	00:00	2012-04-23
295036	AH-1 1-1.5'	soil	2012-04-19	00:00	2012-04-23
295037	AH-1 2-2.5'	soil	2012-04-19	00:00	2012-04-23
295038	AH-1 3-3.5'	soil	2012-04-19	00:00	2012-04-23
295039	AH-2 0-1'	soil	2012-04-19	00:00	2012-04-23
295040	AH-2 1-1.5'	soil	2012-04-19	00:00	2012-04-23
295041	AH-2 2-2.5'	soil	2012-04-19	00:00	2012-04-23
295042	AH-2 3-3.5'	soil	2012-04-19	00:00	2012-04-23
295043	AH-3 0-1'	soil	2012-04-19	00:00	2012-04-23
295044	AH-3 1-1.5'	soil	2012-04-19	00:00	2012-04-23
295045	AH-3 2-2.5'	soil	2012-04-19	00:00	2012-04-23
295046	AH-3 2.5-3'	soil	2012-04-19	00:00	2012-04-23
295047	AH-4 0-1'	soil	2012-04-19	00:00	2012-04-23
295048	AH-4 1-1.5'	soil	2012-04-19	00:00	2012-04-23
295049	AH-4 2-2.5'	soil	2012-04-19	00:00	2012-04-23
295050	AH-4 3-3.5'	soil	2012-04-19	00:00	2012-04-23
295051	AH-4 4-4.5'	soil	2012-04-19	00:00	2012-04-23
295052	AH-4 5-5.5'	soil	2012-04-19	00:00	2012-04-23
295053	AH-4 6-6.5'	soil	2012-04-19	00:00	2012-04-23
295054	AH-4 7-7.5'	soil	2012-04-19	00:00	2012-04-23
295055	AH-4 8-8.5'	soil	2012-04-19	00:00	2012-04-23
295056	AH-4 9-9.5'	soil	2012-04-19	00:00	2012-04-23
295057	AH-5 0-1'	soil	2012-04-19	00:00	2012-04-23
295058	AH-5 1-1.5'	soil	2012-04-19	00:00	2012-04-23
295059	AH-5 2-2.5'	soil	2012-04-19	00:00	2012-04-23
295060	AH-5 3-3.5'	soil	2012-04-19	00:00	2012-04-23
295061	AH-5 4-4.5'	soil	2012-04-19	00:00	2012-04-23
295062	AH-5 5-5.5'	soil	2012-04-19	00:00	2012-04-23
295063	AH-5 6-6.5'	soil	2012-04-19	00:00	2012-04-23

Sample - Field Code	BTEX				TPH DRO - NEW DRO	TPH GRO GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)		
295035 - AH-1 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0 Qs	8.09 Qr, Qs
295039 - AH-2 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	2210 Qs	179 Qr, Qs
295043 - AH-3 0-1'	6.97	46.3	51.4	84.9	3610 Qs	5080 Qr, Qs
295044 - AH-3 1-1.5'	19.8	119	83.0	118	3500	3330 Qr, Qs
295045 - AH-3 2-2.5'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
295046 - AH-3 2.5-3'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
295047 - AH-4 0-1'	1.74	17.9	23.2	35.7	3940 Qs	1490 Qr, Qs
295048 - AH-4 1-1.5'	0.282	0.848	0.506	1.71	399	206 Qr, Qs
295057 - AH-5 0-1'	2.36	8.49	18.7	43.7	3550 Qs	3880 Qr, Qs
295058 - AH-5 1-1.5'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00 Qr
295059 - AH-5 2-2.5'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00 Qr
295060 - AH-5 3-3.5'	10.7	64.9	56.6	88.6	3600	4210 Qr
295061 - AH-5 4-4.5'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
295062 - AH-5 5-5.5'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00

Sample: 295035 - AH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		1190	mg/Kg	4

Sample: 295036 - AH-1 1-1.5'

Param	Flag	Result	Units	RL
Chloride		1320	mg/Kg	4

Sample: 295037 - AH-1 2-2.5'

Param	Flag	Result	Units	RL
Chloride		805	mg/Kg	4

Sample: 295038 - AH-1 3-3.5'

Param	Flag	Result	Units	RL
Chloride		2330	mg/Kg	4

Sample: 295039 - AH-2 0-1'

Param	Flag	Result	Units	RL
Chloride		530	mg/Kg	4

Sample: 295040 - AH-2 1-1.5'

Param	Flag	Result	Units	RL
Chloride		211	mg/Kg	4

Sample: 295041 - AH-2 2-2.5'

Param	Flag	Result	Units	RL
Chloride		1440	mg/Kg	4

Sample: 295042 - AH-2 3-3.5'

Param	Flag	Result	Units	RL
Chloride		427	mg/Kg	4

Sample: 295043 - AH-3 0-1'

Param	Flag	Result	Units	RL
Chloride		11700	mg/Kg	4

Sample: 295044 - AH-3 1-1.5'

Param	Flag	Result	Units	RL
Chloride		5600	mg/Kg	4

Sample: 295045 - AH-3 2-2.5'

Param	Flag	Result	Units	RL
Chloride		10100	mg/Kg	4

Sample: 295046 - AH-3 2.5-3'

Param	Flag	Result	Units	RL
Chloride		16800	mg/Kg	4

Sample: 295047 - AH-4 0-1'

Param	Flag	Result	Units	RL
Chloride		2540	mg/Kg	4

Sample: 295048 - AH-4 1-1.5'

Param	Flag	Result	Units	RL
Chloride		1360	mg/Kg	4

Sample: 295049 - AH-4 2-2.5'

Param	Flag	Result	Units	RL
Chloride		4950	mg/Kg	4

Sample: 295050 - AH-4 3-3.5'

Param	Flag	Result	Units	RL
Chloride		7360	mg/Kg	4

Sample: 295051 - AH-4 4-4.5'

Param	Flag	Result	Units	RL
Chloride		8540	mg/Kg	4

Sample: 295052 - AH-4 5-5.5'

Param	Flag	Result	Units	RL
Chloride		12200	mg/Kg	4

Sample: 295053 - AH-4 6-6.5'

Param	Flag	Result	Units	RL
Chloride		4700	mg/Kg	4

Sample: 295054 - AH-4 7-7.5'

Param	Flag	Result	Units	RL
Chloride		4280	mg/Kg	4

Sample: 295055 - AH-4 8-8.5'

Param	Flag	Result	Units	RL
Chloride		1410	mg/Kg	4

Sample: 295056 - AH-4 9-9.5'

Param	Flag	Result	Units	RL
Chloride		356	mg/Kg	4

Sample: 295057 - AH-5 0-1'

Param	Flag	Result	Units	RL
Chloride		73.1	mg/Kg	4

Sample: 295058 - AH-5 1-1.5'

Param	Flag	Result	Units	RL
Chloride		53.6	mg/Kg	4

Sample: 295059 - AH-5 2-2.5'

Param	Flag	Result	Units	RL
Chloride		770	mg/Kg	4

Sample: 295060 - AH-5 3-3.5'

Param	Flag	Result	Units	RL
Chloride		14800	mg/Kg	4

Sample: 295061 - AH-5 4-4.5'

Param	Flag	Result	Units	RL
Chloride		1160	mg/Kg	4

Sample: 295062 - AH-5 5-5.5'

Param	Flag	Result	Units	RL
Chloride		39.0	mg/Kg	4

Sample: 295063 - AH-5 6-6.5'

Param	Flag	Result	Units	RL
Chloride		29.2	mg/Kg	4