Bratcher, Mike, EMNRD

From: Tavarez, Ike [Ike.Tavarez@tetratech.com]
Sent: Wednesday, October 27, 2010 12:32 PM
To: Bratcher, Mike, EMNRD; Terry Gregston (terry_gregston@nm.blm.gov)
Cc: Pat Ellis; Joshua Russo
Subject: COG - Beech Federal #2 TB - Work Plan Approval Request
Attachments: COG - Beech Federal #2 TB Work Plan .pdf

COG Operating
Beech Federal #2 Tank Battery
Section 25, T17S, R27E
Eddy County, New Mexico
32.80212 104.22891

Mike and Terry,

Please find enclosed the Worjk Plan for the COG - Beech Federal #2 Tank Battery located in Eddy County, New Mexico. Once the work plan is approved, Tetra Tech will schedule the soil remediation and notify you before we start. Please let me know if you need additional information or call me if you have any questions, thanks

Ike Tavarez, PG | Senior Project Manager

Main: 432.682.4559 | Fax: 432.682.3946 | Cell: 432.425.3878

Ike.Tavarez@tetratech.com

Tetra Tech | Complex World, Clear Solutions™

1910 North Big Spring | Midland, TX 79705 | www.tetratech.com

TETRA TECH

October 10, 2010

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., Beech Federal #2 Tank Battery, Unit J, Section 25, Township 17 South, Range 27 East, Eddy County, New Mexico.

Mr. Bratcher:

Tetra Tech, Inc. (Tetra Tech) was contacted by COG Operating LLC. (COG) to assess a spill at the Beech Federal #2 Tank Battery, Unit J, Section 25, Township 17 South, Range 27 East, Eddy County, New Mexico. (Site). The spill site coordinates are N 32.80212°, W 104.22891°. 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 July 4, 2010, and released approximately twenty (20) barrels of produced water from a failed fire tube gasket at the heater treater. To alleviate the problem, COG personnel replaced the fire tube gasket. Due to recent rain, twenty-three (23) barrels of standing fluids were recovered. The impacted area measured approximately 30' x 110', east of the heater treater. The entire spill was contained within the facility's firewalls. The initial C-141 form is enclosed in Appendix A.

Groundwater

No water wells were listed within Section 25. According to the NMOCD groundwater map, the average depth to groundwater in this area is 125' below surface. The average depth to groundwater map is shown in Appendix B

Tetra Tech
1910 North Big Spring [illegible] 79705
Tel [illegible] Fax [illegible] www.tetratech.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 August 10, 2010, Tetra Tech personnel inspected and sampled the spill area. A total of three (3) auger holes (AH-1 through AH-3) were installed in the spill area and one (1) auger hole (background) using a stainless steel hand auger to assess the 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, all of the submitted samples were below RRAL for TPH and BTEX. A shallow chloride impact was detected in AH-2 and AH-3 to a depth of 1.5' to 2.0' below surface. Auger hole (AH-1) did show a deeper impact that declined with depth to 1,300 mg/kg at 3-3.5' below surface. The background auger hole showed a chloride high of 508 mg/kg at 2-2.5' below surface.

Work Plan

In order to remove the chloride impacted soils, COG proposes to excavate the spill area. Based on the buried lines, limited impacted area and safety concerns, the excavated depths will range from 2.0' to 4.0' below surface within the spill's footprint, if accessible. The excavation depths are shown in Table 1. In the area of AH-1, deeper samples will be collected with a backhoe (trench) to vertically define the chloride impact to background concentrations. All of the excavated soil will be transported for proper disposal.

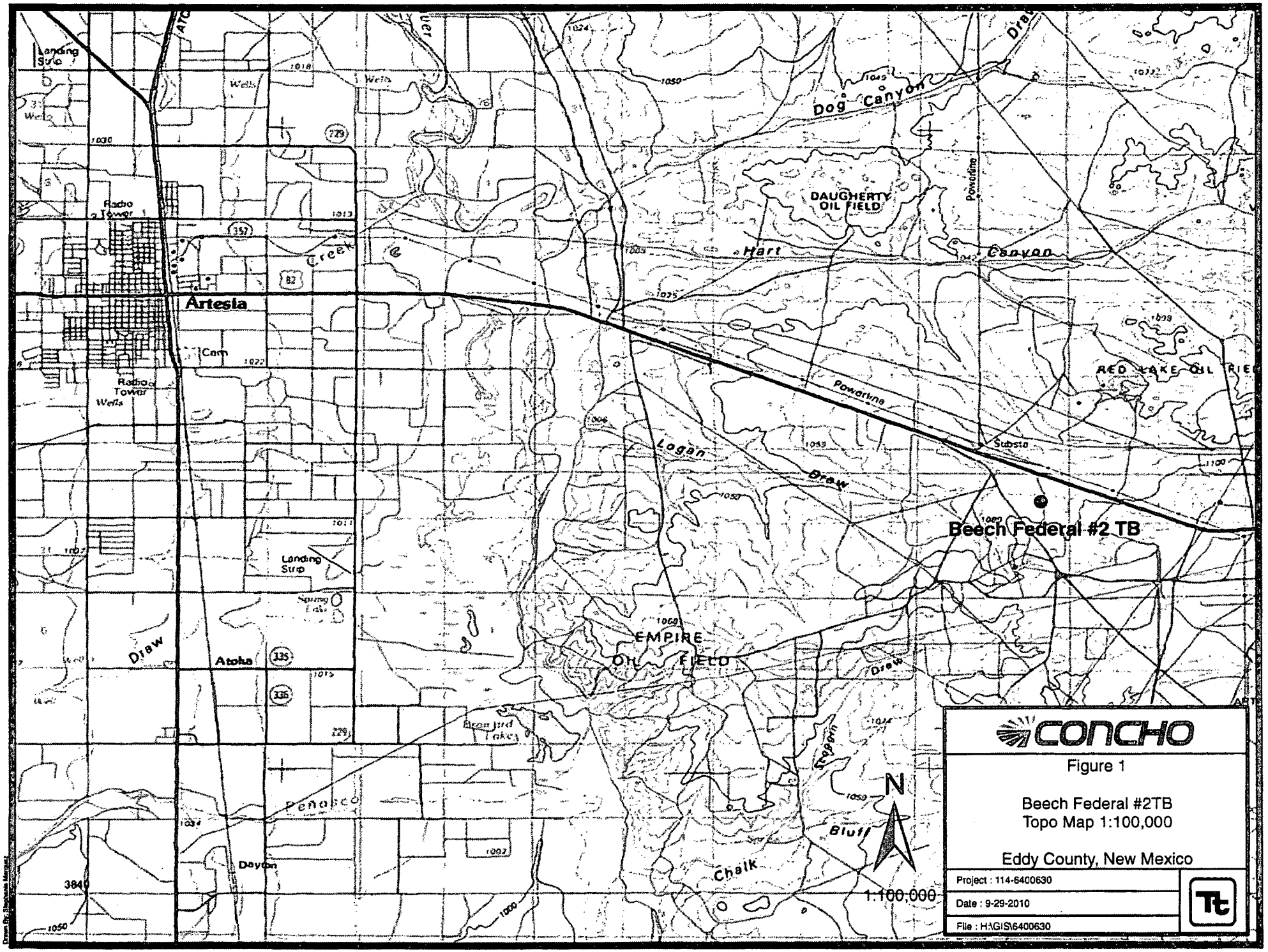
TETRA TECH

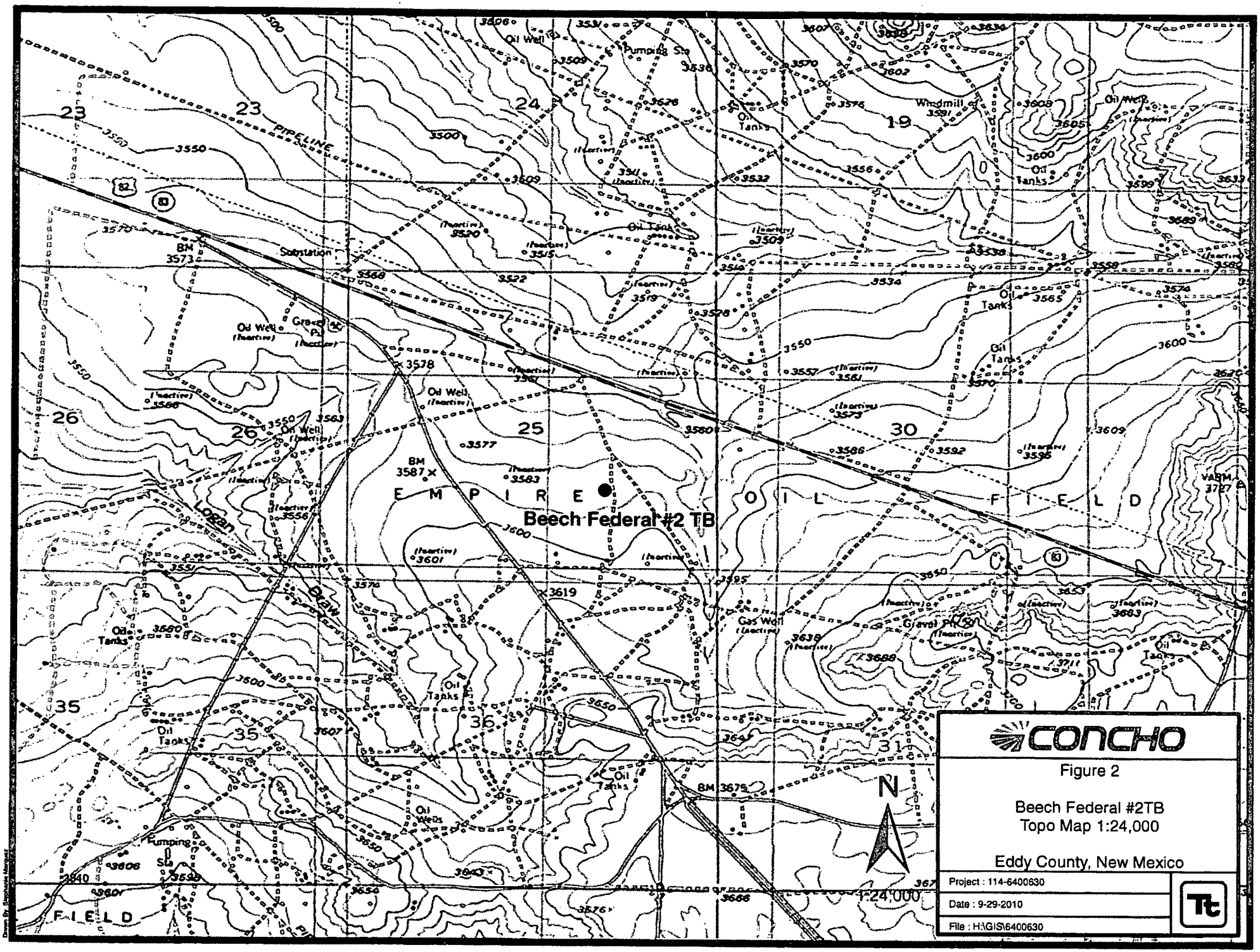
If you have any questions or comments concerning the assessment or the proposed remediation activities at the site, please call me at (432) 682-4559.

Respectfully submitted,
TETRA TECH

Ike Tavarez
Project Manager

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


Dog Canyon
DAUGHERTY OIL FIELD
Powerline
Hart Canyon
Artesia
Radio Tower
Wells
Cem
Logan Draw
Substa
Beech Federal #2 TB
Landing Strip
EMPIRE OIL FIELD
Draw
Atoka
Penasco
Dayton
Bluff
Chalk
N
1:100,000
CONCHO
Figure 1
Beech Federal #2TB
Topo Map 1:100,000
Eddy County, New Mexico
Project : 114-6400630
Date : 9-29-2010
File : H:\GIS\6400630


Beech Federal #2 TB
EMPIRE OIL FIELD
PIPELINE
Logan Draw
Substation
Pumping Sta
Gas Well
Oil Tanks
Oil Well
Gravel Pit
BM 3573
BM 3587
BM 3675
N
1:24,000
CONCHO
Figure 2
Beech Federal #2TB
Topo Map 1:24,000
Eddy County, New Mexico
Project : 114-6400630
Date : 9-29-2010
File : H:\GIS\6400630

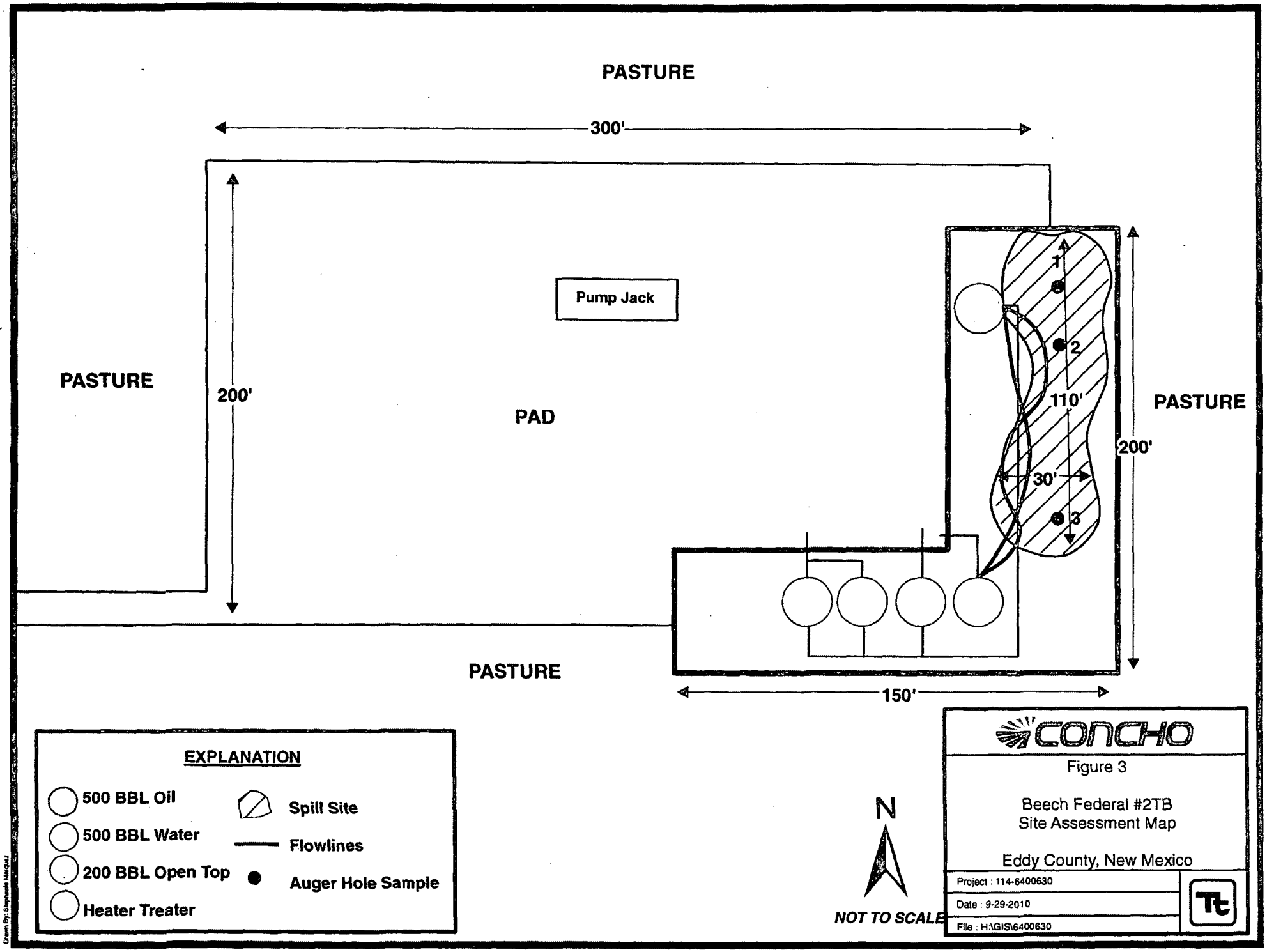

PASTURE
300'
PASTURE
200'
Pump Jack
PAD
PASTURE
1
2
110'
30'
3
200'
PASTURE
150'
EXPLANATION
500 BBL Oil
500 BBL Water
200 BBL Open Top
Heater Treater
Spill Site
Flowlines
Auger Hole Sample
N
NOT TO SCALE
CONCHO
Figure 3
Beech Federal #2TB
Site Assessment Map
Eddy County, New Mexico
Project : 114-6400630
Date : 9-29-2010
File : H:\GIS\6400630
Drawn By: Stephanie Marquez

Table 1
COG Operating LLC.
BEECH FEDERAL #2 TANK BATTERY
EDDY COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth (ft)	Depth (BEB)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Chloride (mg/kg)
				In-Situ	Removed	GRO	DRO	Total					
AH-1	8/10/2010	0-1'		X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	**10,100**
	"	1-1.5'		X		-	-	-	-	-	-	-	**10,500**
	"	2-2.5'		X		-	-	-	-	-	-	-	**9,380**
	"	3-3.5'		X		-	-	-	-	-	-	-	**1,300**
AH-2	8/10/2010	0-1'		X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	**9,970**
	"	1-1.5'		X		-	-	-	-	-	-	-	**4,350**
	"	2-2.5'		X		-	-	-	-	-	-	-	**368**
	"	3-3.5'		X		-	-	-	-	-	-	-	**259**
	"	4-4.5'		X		-	-	-	-	-	-	-	**353**
	"	5-5.5'		X		-	-	-	-	-	-	-	**244**
AH-3	8/10/2010	0-1'		X		<2.00	<50.0	<50.0	-	-	-	-	**7,520**
	"	1-1.5'		X		-	-	-	-	-	-	-	**4,010**
	"	2-2.5'		X		-	-	-	-	-	-	-	**407**
BG	8/10/2010	0-1'		X		<2.00	<50.0	<50.0	-	-	-	-	**212**
	"	1-1.5'		X		-	-	-	-	-	-	-	**317**
	"	2-2.5'		X		-	-	-	-	-	-	-	**508**
	"	3-3.5'		X		-	-	-	-	-	-	-	**328**

BEB Below Excavation Bottom
(--) Not Analyzed
☐ Proposed Excavation Depths

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	Beech Federal #2 Tank Battery	Facility Type	Tank Battery

Surface Owner Federal	Mineral Owner	Lease No. NMLC-058181

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	25	17S	27E					Eddy

Latitude 32 48.140 **Longitude** 104 13.725

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 20bbls	Volume Recovered 23bbls
Source of Release Heater Treater	Date and Hour of Occurrence 07/04/2010	Date and Hour of Discovery 07/04/2010 9:00 a.m.
Was Immediate Notice Given? ☐ Yes ☒ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Heater treater fire tube gasket failed. The heater treater fire tube gasket has been replaced and the heater treater has been put back into service.

Describe Area Affected and Cleanup Action Taken.*

Initially 20bbls of produced water was released from the heater treater. Due to rainwater, we were able to recover 23bbls of free fluid from a low area where the fluid ponded behind the heater treater. All free fluids were recovered. The dimensions of the pooling area was 20' x 40'. All fluid was contained inside the firewall of the facility. (The closest well location to the release is the Beech Federal #2, API# 30-015-31790, Unit J, Sec. 25-T17S-R27E, 1650' FSL 1650' FEL, 32.8023065 - 104.229053). 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: / Attached ☐
Date: 07/16/2010 Phone: 432-212-2399	

* Attach Additional Sheets If Necessary

Water Well Data
Average Depth to Groundwater (ft)
COG - Beech Federal #2 Tank Battery
Eddy County, New Mexico

16 South 26 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 27 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 70	26	25
31	32	33	34	35	36

16 South 28 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21 61	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

17 South 26 East

6	5	4	3	2	1
7 14	8	9	10	11	12
18 86	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 27 East

6	5 30	4	3	2	1
7	8	9	10	11 54 50	12
18	17 283	16 194	15	14	13
19	20	21	22	23 40	24
30	29	28	27	26	25 SITE
31	32 120	33	34	35	36

17 South 28 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22 79	23	24
30	29	28	27	26	25
31	32	33	34 53	35	36

18 South 26 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 27 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 28 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 65	36

- New Mexico State Engineers Well Reports
- USGS Well Reports
- Geology and Groundwater Conditions in Southern Eddy, County, NM
- NMOCD - Groundwater Data
- Field water level
- New Mexico Water and Infrastructure Data System

Summary Report

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

Report Date: August 23, 2010

Work Order: 10081609

Project Location: Eddy County, NM
Project Name: COG/Beech Fed. #2 TB
Project Number: 114-6400630

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
241062	AH-1 0-1'	soil	2010-08-10	00:00	2010-08-13
241063	AH-1 1-1.5'	soil	2010-08-10	00:00	2010-08-13
241064	AH-1 2-2.5'	soil	2010-08-10	00:00	2010-08-13
241065	AH-1 3-3.5'	soil	2010-08-10	00:00	2010-08-13
241066	AH-2 0-1'	soil	2010-08-10	00:00	2010-08-13
241067	AH-2 1-1.5'	soil	2010-08-10	00:00	2010-08-13
241068	AH-2 2-2.5'	soil	2010-08-10	00:00	2010-08-13
241069	AH-2 3-3.5'	soil	2010-08-10	00:00	2010-08-13
241070	AH-2 4-4.5'	soil	2010-08-10	00:00	2010-08-13
241071	AH-2 5-5.5'	soil	2010-08-10	00:00	2010-08-13
241072	AH-3 0-1'	soil	2010-08-10	00:00	2010-08-13
241073	AH-3 1-1.5'	soil	2010-08-10	00:00	2010-08-13
241074	AH-3 2-2.5'	soil	2010-08-10	00:00	2010-08-13
241075	BG-Background 0-1'	soil	2010-08-10	00:00	2010-08-13
241076	BG-Background 1-1.5'	soil	2010-08-10	00:00	2010-08-13
241077	BG-Background 2-2.5'	soil	2010-08-10	00:00	2010-08-13
241078	BG-Background 3-3.5'	soil	2010-08-10	00:00	2010-08-13

	BTEX				TPH DRO - NEW	TPH GRO
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
241062 - AH-1 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
241066 - AH-2 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
241072 - AH-3 0-1'					<50.0	<2.00
241075 - BG-Background 0-1'					<50.0	<2.00

Sample: 241062 - AH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		**10100**	mg/Kg	4.00

Sample: 241063 - AH-1 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**10500**	mg/Kg	4.00

Sample: 241064 - AH-1 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**9380**	mg/Kg	4.00

Sample: 241065 - AH-1 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**1300**	mg/Kg	4.00

Sample: 241066 - AH-2 0-1'

Param	Flag	Result	Units	RL
Chloride		**9970**	mg/Kg	4.00

Sample: 241067 - AH-2 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**4350**	mg/Kg	4.00

Sample: 241068 - AH-2 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**368**	mg/Kg	4.00

Sample: 241069 - AH-2 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**259**	mg/Kg	4.00

Sample: 241070 - AH-2 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**353**	mg/Kg	4.00

Sample: 241071 - AH-2 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**244**	mg/Kg	4.00

Sample: 241072 - AH-3 0-1'

Param	Flag	Result	Units	RL
Chloride		**7520**	mg/Kg	4.00

Sample: 241073 - AH-3 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**4010**	mg/Kg	4.00

Sample: 241074 - AH-3 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**407**	mg/Kg	4.00

Sample: 241075 - BG-Background 0-1'

Param	Flag	Result	Units	RL
Chloride		**212**	mg/Kg	4.00

Sample: 241076 - BG-Background 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**317**	mg/Kg	4.00

Sample: 241077 - BG-Background 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**508**	mg/Kg	4.00

Sample: 241078 - BG-Background 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**328**	mg/Kg	4.00

WO#: 1008609

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 2

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: COG

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400630

PROJECT NAME: COG / Beech Fed #2TB Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
241062	8/10		S		X	AH-1 0-1'	1				X		X	X											X				
063						AH-1 1-1.5'																							
064						AH-1 2-2.5'																							
065						AH-1 3-3.5'																							
066						AH-2 0-1'							X	X															
067						AH-2 1-1.5'																							
068						AH-2 2-2.5'																							
069						AH-2 3-3.5'																							
070						AH-2 4-4.5'																							
071	↓		↓		Y	AH-2 5-5.5'	Y				Y														↓				

RELINQUISHED BY: (Signature) Ike Tavarez — Date: 8-13-10 Time: 1540

RECEIVED BY: (Signature) — Date: — Time:

SAMPLED BY: (Print & Initial) Robert Gaddis Jr — Date: 8-10-10 Time: 1730

RELINQUISHED BY: (Signature) — Date: — Time:

RECEIVED BY: (Signature) — Date: — Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS — AIRBILL #: — OTHER:

RELINQUISHED BY: (Signature) — Date: — Time:

RECEIVED BY: (Signature) — Date: — Time:

RECEIVING LABORATORY: Trace
ADDRESS:
CITY: Midland STATE: TX ZIP:
CONTACT: Nuredo PHONE:

RECEIVED BY: (Signature)
DATE: 8.13.10 TIME: 15:45

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 18.0°C

REMARKS: If total TPH exceeds 5000 mg/kg Run deeper Samples
If BTEX exceeds 50 mg/kg or Benzene exceeds 10 mg/kg Run deeper Samples

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Run 2 highest TPH for BTEX

WO #: 10081609

Analysis Request of Chain of Custody Record

PAGE: 2 OF: 2

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: COG

SITE MANAGER: Ike Tavarez

PROJECT NO.: 114-6400630

PROJECT NAME: COG / Breech Fed #2 FJ3 Eddy Co, NM

LAB I.D. NUMBER	DATE 2010	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8240/8260/624	GC/MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
241072	8/10		S		X	AH-3	0-1'	1				X		X	X											X			
073						AH-3	1'-1.5'																						
074						AH-3	2'-2.5'																						
075						BG AH- Background	0-1'							X	X														
076						BG AH- Background	1'-1.5'																						
077						BG AH- Background	2'-2.5'																						
078	↓		↓		↓	BG AH- Background	3'-3.5'	↓				↓														↓			

RELINQUISHED BY: (Signature)	Date: 8-13-10 Time: 1540	RECEIVED BY: (Signature)	Date: Time:
RELINQUISHED BY: (Signature)	Date: Time:	RECEIVED BY: (Signature)	Date: Time:
RELINQUISHED BY: (Signature)	Date: Time:	RECEIVED BY: (Signature)	Date: Time:
RECEIVING LABORATORY: Trace		RECEIVED BY: (Signature)	
ADDRESS: CITY: Midland STATE: TX ZIP:		DATE: 8-13-10	TIME: 15:45
CONTACT: Ronda PHONE:			

SAMPLED BY: (Print & Initial) Robert Stubbs Jr Date: 8-10-10 Time: 17:50

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

TETRA TECH CONTACT PERSON: Ike Tavarez

Results by:

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 18.0° C

REMARKS: If Total TPH exceeds 3000 mg/kg run deeper Samples.
If BTEX exceeds 50 mg/kg or Benzene exceeds 10 mg/kg Run deeper Samples

Please fill out all copies - Laboratory retains Yellow copy - Return Original copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Run highest TPH for BTEX