SITE INFORMATION

Report Type: Work Plan

General Site Information:						
Site:	Myox 32 Fee #2H					
Company:	COG Operating LLC					
Section, Township and Range	Sec. 32	T 25S	R 28E			
Lease Number:	API-30-015-41521					
County:	Eddy County					
GPS:	32.09273° N			104.11140° W		
Surface Owner:	Private					
Mineral Owner:						
Directions:	From the intersection of HWY 285 and C.R. 724 (White City Road), travel North on 285 for approximately 3.2 miles, turn West onto lease road and continue for 1.3 miles, the lease road curves to the south and continue for an additional .5 miles. The road will again curve to the West, continue for approximately .9 miles to the location on the South side of the road.					

Release Data:	
Date Released:	9/30/2013
Type Release:	Produced Water
Source of Contamination:	Hammer Union
Fluid Released:	50 bbls
Fluids Recovered:	35 bbls

Official Communication:			
Name:	Robert McNeil		Ike Tavarez
Company:	COG Operating, LLC		Tetra Tech
Address:	One Concho Center		4000 N. Big Spring
	600 W. Illinois Ave.		Ste 401
City:	Midland Texas, 79701		Midland, Texas
Phone number:	(432) 686-3023		(432) 687-8110
Fax:	(432) 684-7137		
Email:	rmcneil@conchoresources.com		Ike.Tavarez@tetratech.com

Ranking Criteria		
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
Total Ranking Score:	**20**	

Acceptable Soil RRAL (mg/kg)		
Benzene	***Total BTEX***	***TPH***
10	50	100

TETRA TECH

January 14, 2013

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

Re: Work Plan for the COG Operating LLC., Myox 32 Fee #2H Main Line, Unit C, Section 32, Township 25 South, Range 28 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 Myox 32 Fee #2H Main Line, located in Unit C, Section 32, Township 25 South, Range 28 East, Eddy County, New Mexico (Site). The spill site coordinates are N 32.09273°, W 104.11140°. 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 September 30, 2013, and released approximately fifty (50) barrels of produced water from a loose hammer union. To alleviate the problem, COG personnel tightened the hammer union and check it regularly. Thirty-five (35) barrels of standing fluids were recovered. The spill initiated west inside the lined facility. The fluid breached the firewall affecting an area approximately 300' X 15' on the pad. The initial C-141 form is enclosed in Appendix A.

Groundwater

No water wells were listed within Section 32. According to the NMOCD groundwater map, the average depth to groundwater in this area is less than 50' below surface. The groundwater data is shown in Appendix B.

Tetra Tech
4000 North Big Spring, Midland TX , Ste 401 79705
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

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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 100 mg/kg.

Soil Assessment and Analytical Results

On October 23, 2013, Tetra Tech personnel inspected and sampled the spill area. Six (6) auger holes (AH-1 through AH-6), and two (2) background auger holes (BG-1 and BG-2) were installed using a stainless steel hand auger to assess the impacted soils. Selected soil 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, none of the samples exceeded the TPH or BTEX RRAL's. To establish background chloride concentrations for the area, the samples did show a chloride high of 748 mg/kg at 3'- 3.5' below surface. The areas of auger holes (AH-1 and AH-2) showed did not a significant chloride impact to the soils at 0 to 2.0' below surface. However, chloride concentrations increased with depth in the deeper soils with chloride highs of 1,840 mg/kg at 4.0' and 1,940 mg/kg at 6.0', respectively. The chlorides were not vertically defined in these areas. Elevated chloride concentrations were also detected in the shallow soils in the areas of AH-3 and AH-5, but significantly declined with depth at 2.5' below surface. Auger holes (AH-4 and AH-6) did not show any significant chloride impact to the soils.

Work Plan

COG proposes to remove impacted material as highlighted (green) in Table 1 and shown on Figure 4. Auger holes (AH-3 and AH-5) will be excavated to a depth of approximately 2.0' to 3.0' below surface. In the areas of AH-1 and AH-2, backhoe trenches will be installed to in order to define extents and confirm the detected chloride concentrations. Based on the field data, these areas will be appropriately addressed, if needed. Once the areas are excavated to the appropriate depths, the excavations will be backfilled with clean soil.

The proposed excavation depths may not be reached due to wall cave ins and safety concerns for onsite personnel. In addition, impacted soil around oil and gas equipment, structures or lines may not be feasible or practicable to be removed

TETRA TECH

due to safely concerns. As such, Tetra Tech will excavate the soils to the maximum extent practicable.

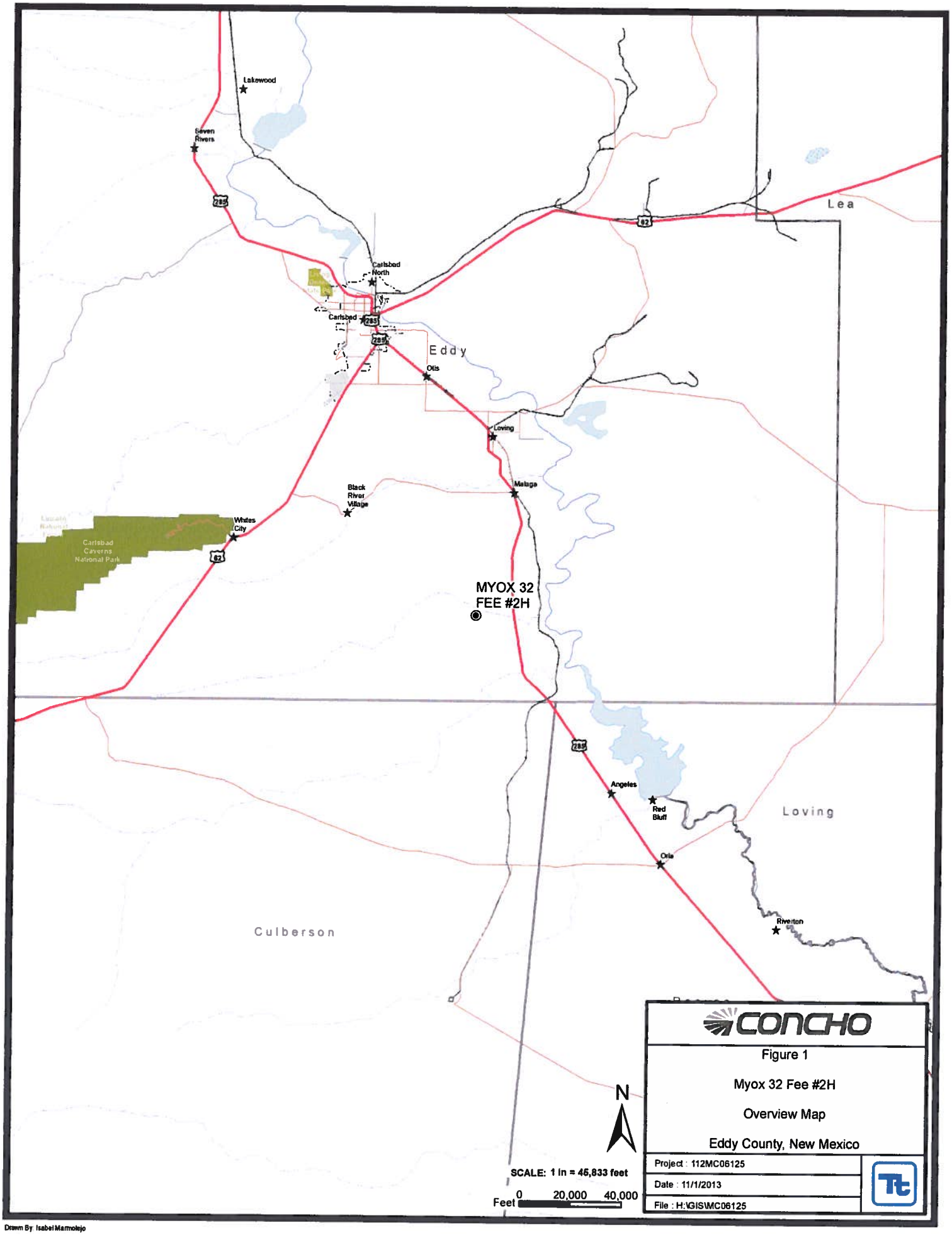
Upon completion, a final report will be submitted to the NMOCD. If you have any questions or comments concerning the assessment or the proposed remediation activities for this site, please call me at (432) 682-4559.

Respectfully submitted,
TETRA TECH

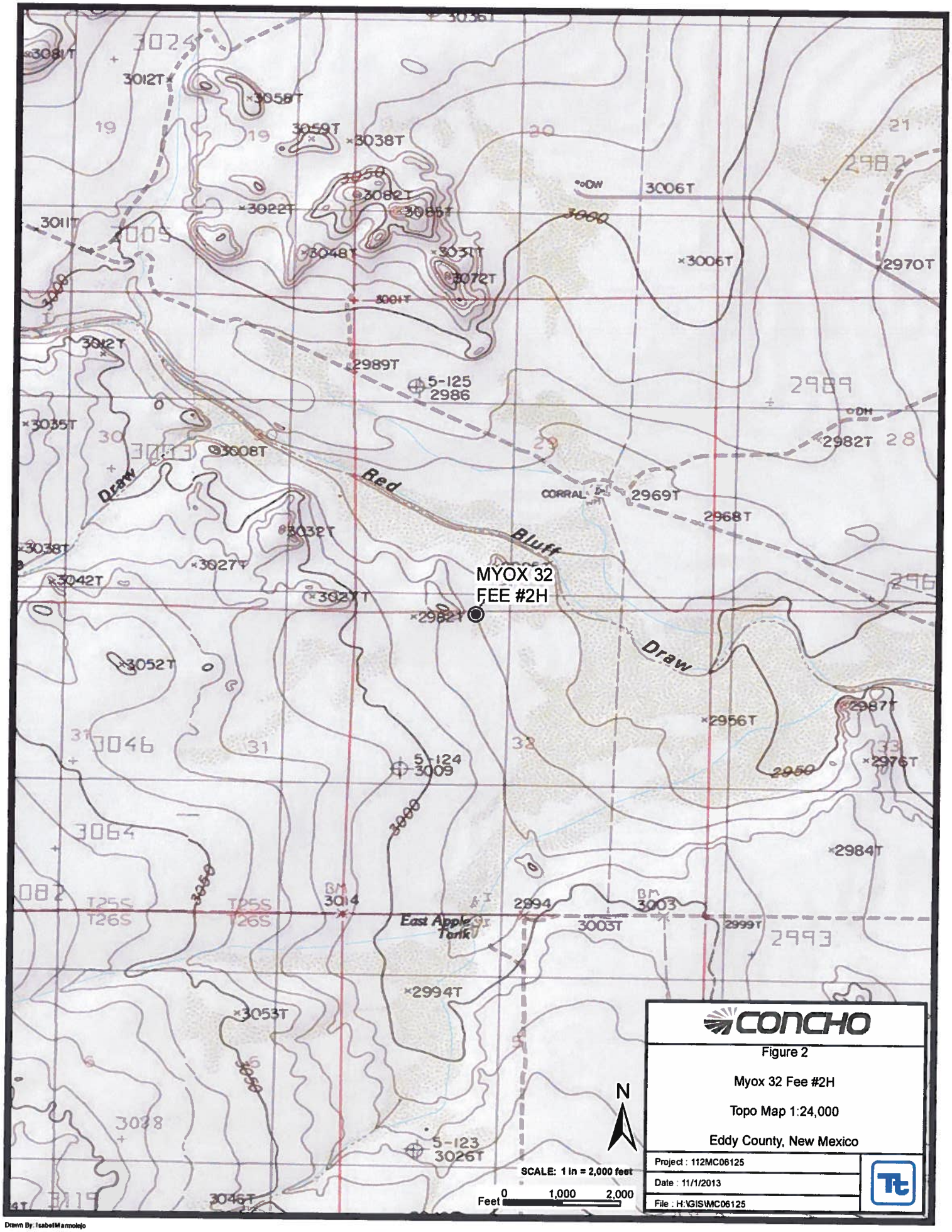
Ike Tavarez, PG
Senior Project Manager

cc: Robert McNeill – COG

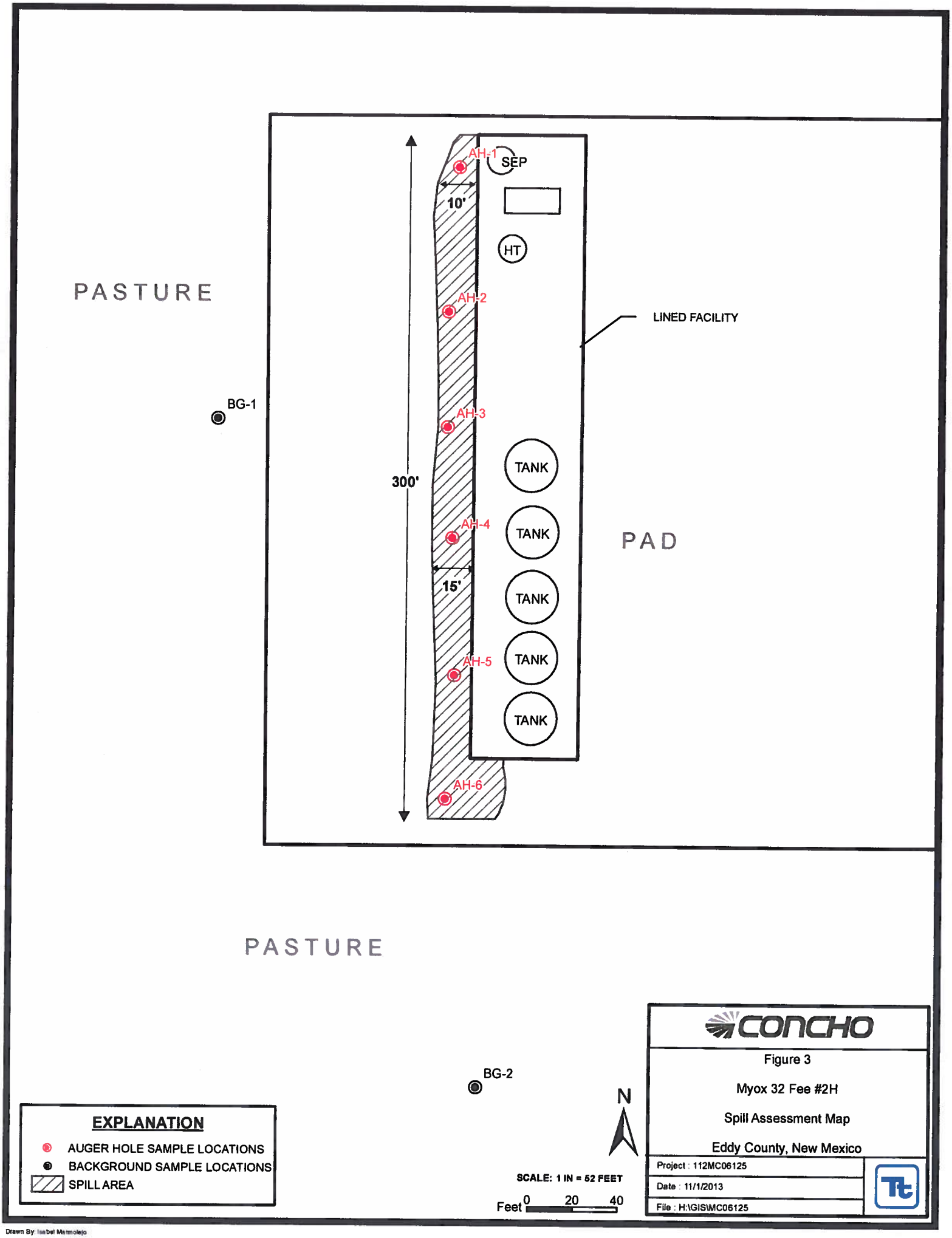
Figures

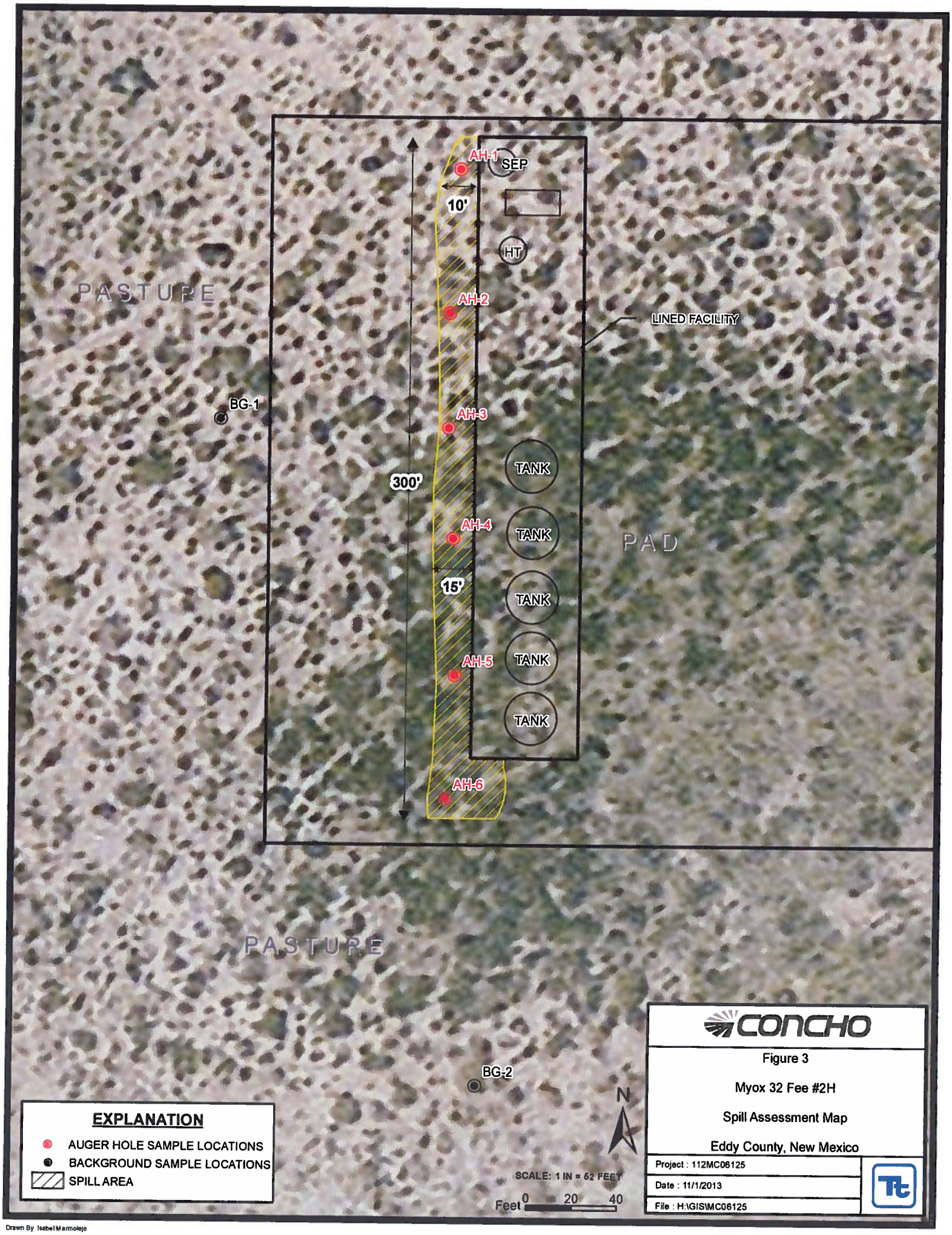


Drawn By: Isabel Marmolejo



Drawn By: IsabelMarmolejo


PASTURE
AH-1
SEP
10'
HT
AH-2
LINED FACILITY
BG-1
AH-3
300'
TANK
TANK
AH-4
PAD
15'
TANK
TANK
AH-5
TANK
AH-6
PASTURE
BG-2
N
EXPLANATION
AUGER HOLE SAMPLE LOCATIONS
BACKGROUND SAMPLE LOCATIONS
SPILL AREA
SCALE: 1 IN = 52 FEET
Feet 0 20 40
CONCHO
Figure 3
Myox 32 Fee #2H
Spill Assessment Map
Eddy County, New Mexico
Project : 112MC06125
Date : 11/1/2013
File : H:\GIS\MC06125
Drawn By: Isabel Marmolejo


AH-1
SEP
10'
HT
PASTURE
AH-2
LINED FACILITY
BG-1
AH-3
TANK
300'
AH-4
TANK
PAD
15'
TANK
AH-5
TANK
TANK
AH-6
PASTURE
BG-2
N
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AUGER HOLE SAMPLE LOCATIONS
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Feet 0 20 40
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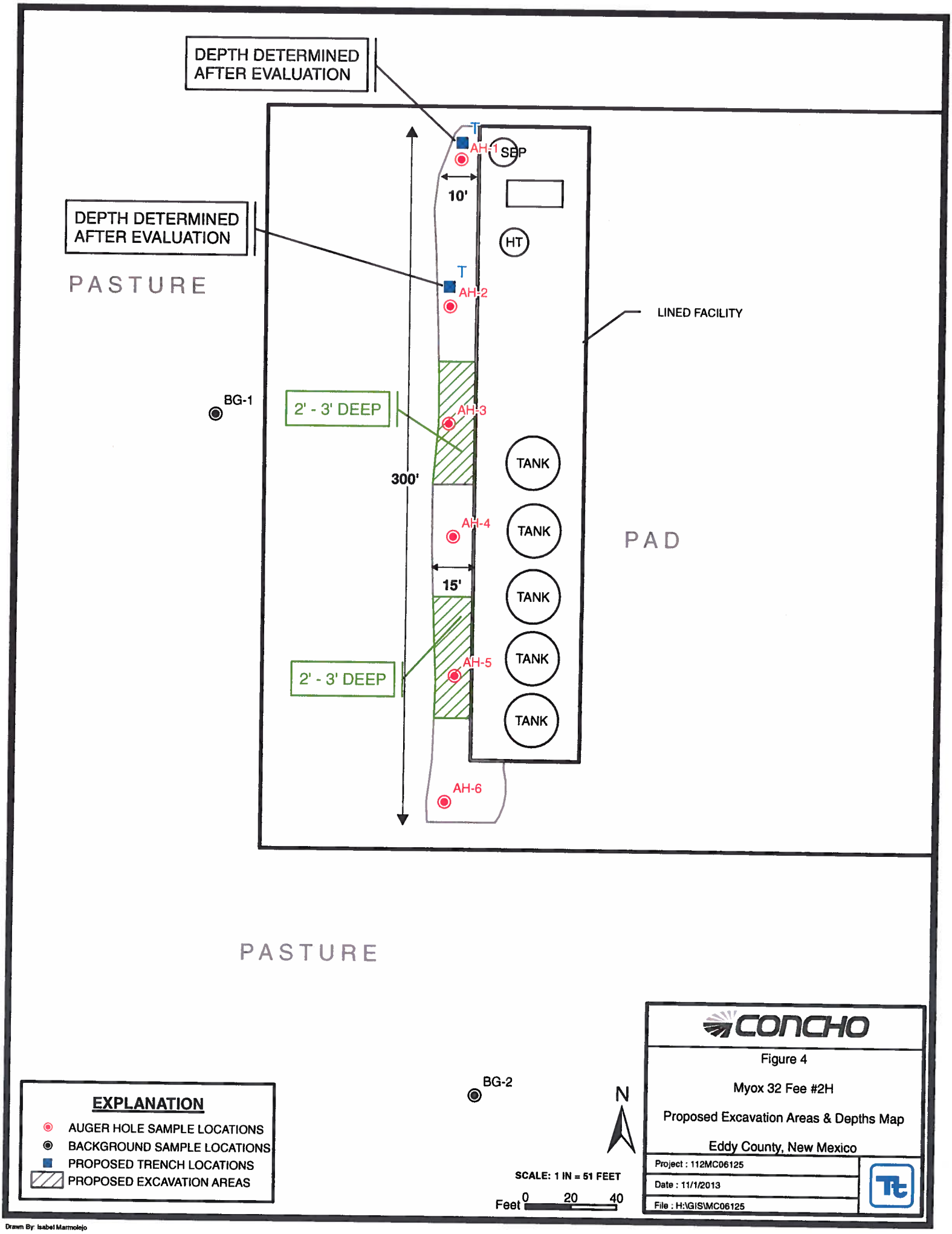
DEPTH DETERMINED AFTER EVALUATION
DEPTH DETERMINED AFTER EVALUATION
PASTURE
T
AH-1
SEP
10'
HT
T
AH-2
LINED FACILITY
BG-1
2' - 3' DEEP
AH-3
300'
TANK
TANK
TANK
TANK
TANK
AH-4
PAD
15'
2' - 3' DEEP
AH-5
AH-6
PASTURE
BG-2
N
SCALE: 1 IN = 51 FEET
Feet 0 20 40
EXPLANATION
AUGER HOLE SAMPLE LOCATIONS
BACKGROUND SAMPLE LOCATIONS
PROPOSED TRENCH LOCATIONS
PROPOSED EXCAVATION AREAS
CONCHO
Figure 4
Myox 32 Fee #2H
Proposed Excavation Areas & Depths Map
Eddy County, New Mexico
Project : 112MC06125
Date : 11/1/2013
File : H:\GIS\MC06125
Drawn By: Isabel Marmolejo

Tables

Table 1
COG Operating LLC.
Myox 32 Fee #2H
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	12/9/2013	0-1	-	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	217
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	458
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	970
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	1,260
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	1,840
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	1,360
T	"	6-6.5	-	X		-	-	-	-	-	-	-	-	1,140
AH-2	12/9/2013	0-1	-	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	409
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	458
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	812
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	1,560
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	1,610
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	1,160
T	"	6-6.5	-	X		-	-	-	-	-	-	-	-	1,940
AH-3	12/9/2013	0-1	-	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	3,480
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	400
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	2,610
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	755
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	632
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	691
	"	6-6.5	-	X		-	-	-	-	-	-	-	-	805
AH-4	12/9/2013	0-1	-	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	597
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	257
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	175
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	48.5
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	87.3
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	92.2
	"	6-6.5	-	X		-	-	-	-	-	-	-	-	243

Table 1
COG Operating LLC.
Myox 32 Fee #2H
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-5	12/9/2013	0-1	-	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	3,630
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	2,130
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	1,790
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	246
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	246
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	212
	"	6-6.5	-	X		-	-	-	-	-	-	-	-	130
AH-6	12/9/2013	0-1	-	X		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	979
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	718
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	227
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	318
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	309
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	197
BG-1	12/9/2013	0-1	-	X		-	-	-	-	-	-	-	-	<20.0
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	<20.0
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	<20.0
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	<20.0
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	<20.0
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	<20.0
BG-2	12/9/2013	0-1	-	X		-	-	-	-	-	-	-	-	<20.0
	"	1-1.5	-	X		-	-	-	-	-	-	-	-	73.9
	"	2-2.5	-	X		-	-	-	-	-	-	-	-	438
	"	3-3.5	-	X		-	-	-	-	-	-	-	-	748
	"	4-4.5	-	X		-	-	-	-	-	-	-	-	281
	"	5-5.5	-	X		-	-	-	-	-	-	-	-	438

(-) Not Analyzed

(BEB) Below Excavation Bottom

Proposed Excavation Areas and Depths

T Backhoe Trench Location

Date Modified: 01/02/2014

112MC06125

Photos

COG Operating LLC
Myox 32 Fee #2H
Eddy County, New Mexico

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View South – Area of AH-1

View South – Area of AH-2

COG Operating LLC
Myox 32 Fee #2H
Eddy County, New Mexico

TETRA TECH

View South – Area of AH-3

View South – Area of AH-4

COG Operating LLC
Myox 32 Fee #2H
Eddy County, New Mexico

TETRA TECH

View South – Area of AH-5

View South – Area of AH-6

COG Operating LLC
Myox 32 Fee #2H
Eddy County, New Mexico

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View West – Area of Background 1

View North – Area of Background 2

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	Robert McNeill
Address	600 West Illinois Avenue, Midland, TX 79701	Telephone No.	432-230-0077
Facility Name	Myox 32 Fee #002H	Facility Type	Mainline

Surface Owner Private	Mineral Owner	Lease No. (API#) 30-015-41521

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	32	25S	28E					Eddy

Latitude 32.09273 **Longitude** 104.11140

NATURE OF RELEASE

Type of Release Produced water	Volume of Release 50bbls	Volume Recovered 35bbls
Source of Release Hammer union	Date and Hour of Occurrence 09-30-2013	Date and Hour of Discovery 09-30-2013 10:00am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher - NMOCD	
By Whom? Michelle Mullins	Date and Hour 10-01-2013 3:41pm	
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.*

Loose hammer union due to vibration. Tightened hammer union and check regularly.

Describe Area Affected and Cleanup Action Taken.*

Initially 50bbls of produced fluid was released. We were able to recover 35bbls of fluid with a vacuum truck. All free fluid has been recovered. Tetra Tech will sample the spill site area in the pasture to delineate any possible contamination from the release and we will present a work plan to the NMOCD 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: 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 ☐
Date: 10-4-2013 Phone: 432-661-6601	

* Attach Additional Sheets If Necessary

Appendix B

Water Well Data
Average Depth to Groundwater (ft)
COG - Myox 32 Fee #2H
Eddy County, New Mexico

24 South 27 East

6	5	4	3	2	1
7	8 17 26	9 43	10	11	12 27
18 30 34	17	16	15	14	13 30 31
19	20	21	22 70	23	24
30	29	28	27	26	25
31	32	33	34	35	36

24 South 28 East

6 70	5 30	4 30	3	2 55	1 60
7	8 50	9	10 17	11 20	12 73
18	17 42	16 29	15 18	14 52	13 34
19	20 48	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

24 South 29 East

6	5	4	3	2	1
7 160	8	9	10	11	12
18	17 4	16 18	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

25 South 27 East

6	5	4	3	2	1
7	8	9	10	11	12 92
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33 19	34	35	36

25 South 28 East

6	5 59	4 35	3 32	2	1
7	8	9	10	11	12
18 67	17	16	15 48 49	14	13
19	20 96	21	22	23	24
30	29 15	28 90	27	26 40	25
31	32 SITE	33	34	35	36 40

25 South 29 East

6 40	5	4	3	2	1
7	8	9	10 40	11	12
18	17	16	15 60	14	13
19	20	21	22	23	24
30 30	29	28	27	26	25
31	32 115	33	34	35	36

26 South 27 East

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

26 South 28 East

6	5	4	3	2 120 21	1
7	8	9	10	11	12 100
18	17	16	15	14 120	13 56
19	20	21	22 120	23	24
30	29	28	27	26	25
31	32	33	34	35	36

26 South 29 East

6	5 78	4	3	2	1
7	8	9	10	11	12
18	17	16 125	15	14	13
19	20	21	22 57 69	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
- Field water level
- New Mexico Water and Infrastructure Data System

Appendix C

Summary Report

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

Report Date: October 30, 2013

Work Order: 13102420

Project Location: Eddy Co, NM
Project Name: COG/Myox 32
Project Number: TBD

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
344503	AH-1 0-1'	soil	2013-10-23	00:00	2013-10-24
344504	AH-1 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344505	AH-1 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344506	AH-1 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344507	AH-1 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344508	AH-1 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344509	AH-1 6-6.5'	soil	2013-10-23	00:00	2013-10-24
344510	AH-2 0-1'	soil	2013-10-23	00:00	2013-10-24
344511	AH-2 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344512	AH-2 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344513	AH-2 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344514	AH-2 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344515	AH-2 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344516	AH-2 6-6.5'	soil	2013-10-23	00:00	2013-10-24
344517	AH-3 0-1'	soil	2013-10-23	00:00	2013-10-24
344518	AH-3 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344519	AH-3 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344520	AH-3 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344521	AH-3 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344522	AH-3 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344523	AH-3 6-6.5'	soil	2013-10-23	00:00	2013-10-24
344524	AH-4 0-1'	soil	2013-10-23	00:00	2013-10-24
344525	AH-4 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344526	AH-4 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344527	AH-4 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344528	AH-4 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344529	AH-4 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344530	AH-4 6-6.5'	soil	2013-10-23	00:00	2013-10-24
344531	AH-5 0-1'	soil	2013-10-23	00:00	2013-10-24
344532	AH-5 1-1.5'	soil	2013-10-23	00:00	2013-10-24

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
344533	AH-5 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344534	AH-5 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344535	AH-5 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344536	AH-5 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344537	AH-5 6-6.5'	soil	2013-10-23	00:00	2013-10-24
344538	AH-6 0-1'	soil	2013-10-23	00:00	2013-10-24
344539	AH-6 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344540	AH-6 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344541	AH-6 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344542	AH-6 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344543	AH-6 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344544	BG-1 0-1'	soil	2013-10-23	00:00	2013-10-24
344545	BG-1 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344546	BG-1 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344547	BG-1 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344548	BG-1 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344549	BG-1 5-5.5'	soil	2013-10-23	00:00	2013-10-24
344550	BG-2 0-1'	soil	2013-10-23	00:00	2013-10-24
344551	BG-2 1-1.5'	soil	2013-10-23	00:00	2013-10-24
344552	BG-2 2-2.5'	soil	2013-10-23	00:00	2013-10-24
344553	BG-2 3-3.5'	soil	2013-10-23	00:00	2013-10-24
344554	BG-2 4-4.5'	soil	2013-10-23	00:00	2013-10-24
344555	BG-2 5-5.5'	soil	2013-10-23	00:00	2013-10-24

	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)
344503 - AH-1 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<4.00
344510 - AH-2 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<4.00
344517 - AH-3 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<4.00
344524 - AH-4 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<4.00
344531 - AH-5 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<4.00
344538 - AH-6 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<4.00

Sample: 344503 - AH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		**217**	mg/Kg	4

Sample: 344504 - AH-1 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**458**	mg/Kg	4

Sample: 344505 - AH-1 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**970**	mg/Kg	4

Sample: 344506 - AH-1 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**1260**	mg/Kg	4

Sample: 344507 - AH-1 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**1840**	mg/Kg	4

Sample: 344508 - AH-1 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**1360**	mg/Kg	4

Sample: 344509 - AH-1 6-6.5'

Param	Flag	Result	Units	RL
Chloride		**1140**	mg/Kg	4

Sample: 344510 - AH-2 0-1'

Param	Flag	Result	Units	RL
Chloride		**409**	mg/Kg	4

Sample: 344511 - AH-2 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**458**	mg/Kg	4

Sample: 344512 - AH-2 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**812**	mg/Kg	4

Sample: 344513 - AH-2 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**1560**	mg/Kg	4

Sample: 344514 - AH-2 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**1610**	mg/Kg	4

Sample: 344515 - AH-2 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**1160**	mg/Kg	4

Sample: 344516 - AH-2 6-6.5'

Param	Flag	Result	Units	RL
Chloride		**1940**	mg/Kg	4

Sample: 344517 - AH-3 0-1'

Param	Flag	Result	Units	RL
Chloride		**3480**	mg/Kg	4

Sample: 344518 - AH-3 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**400**	mg/Kg	4

Sample: 344519 - AH-3 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**2610**	mg/Kg	4

Sample: 344520 - AH-3 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**755**	mg/Kg	4

Sample: 344521 - AH-3 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**632**	mg/Kg	4

Sample: 344522 - AH-3 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**691**	mg/Kg	4

Sample: 344523 - AH-3 6-6.5'

Param	Flag	Result	Units	RL
Chloride		**805**	mg/Kg	4

Sample: 344524 - AH-4 0-1'

Param	Flag	Result	Units	RL
Chloride		**597**	mg/Kg	4

Sample: 344525 - AH-4 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**257**	mg/Kg	4

Sample: 344526 - AH-4 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**175**	mg/Kg	4

Sample: 344527 - AH-4 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**48.5**	mg/Kg	4

Sample: 344528 - AH-4 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**87.3**	mg/Kg	4

Sample: 344529 - AH-4 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**92.2**	mg/Kg	4

Sample: 344530 - AH-4 6-6.5'

Param	Flag	Result	Units	RL
Chloride		**243**	mg/Kg	4

Sample: 344531 - AH-5 0-1'

Param	Flag	Result	Units	RL
Chloride		**3630**	mg/Kg	4

Sample: 344532 - AH-5 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**2130**	mg/Kg	4

Sample: 344533 - AH-5 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**1790**	mg/Kg	4

Sample: 344534 - AH-5 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**246**	mg/Kg	4

Sample: 344535 - AH-5 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**246**	mg/Kg	4

Sample: 344536 - AH-5 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**212**	mg/Kg	4

Sample: 344537 - AH-5 6-6.5'

Param	Flag	Result	Units	RL
Chloride		**130**	mg/Kg	4

Sample: 344538 - AH-6 0-1'

Param	Flag	Result	Units	RL
Chloride		**979**	mg/Kg	4

Sample: 344539 - AH-6 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**718**	mg/Kg	4

Sample: 344540 - AH-6 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**227**	mg/Kg	4

Sample: 344541 - AH-6 3-3.5'

Param	Flag	Result	Units	RL
Chloride		**318**	mg/Kg	4

Sample: 344542 - AH-6 4-4.5'

Param	Flag	Result	Units	RL
Chloride		**309**	mg/Kg	4

Sample: 344543 - AH-6 5-5.5'

Param	Flag	Result	Units	RL
Chloride		**197**	mg/Kg	4

Sample: 344544 - BG-1 0-1'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344545 - BG-1 1-1.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344546 - BG-1 2-2.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344547 - BG-1 3-3.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344548 - BG-1 4-4.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344549 - BG-1 5-5.5'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344550 - BG-2 0-1'

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

Sample: 344551 - BG-2 1-1.5'

Param	Flag	Result	Units	RL
Chloride		**73.9**	mg/Kg	4

Sample: 344552 - BG-2 2-2.5'

Param	Flag	Result	Units	RL
Chloride		**438**	mg/Kg	4