

SITE INFORMATION

Report Type: Work Plan

General Site Information:

Site:	Myox 31-13 Flow line				
Company:	COG Operating LLC				
Section, Township and Range	Unit P	Sec. 31	T-25-S	R-28-E	
Lease Number:	API-30-015-37497				
County:	Eddy				
GPS:	32.08029° N			104.11799° W	
Surface Owner:	State				
Mineral Owner:					
Directions:	Intersection of Hwy 285 and White City Road (Approximately 12 miles south of Malaga, NM), travel west on White City Rd 2.5 mi, right 1.0 mi, left 0.5 miles, right over cattle guard 0.5 mi to location in pasture east of lease road				

Release Data:

Date Released:	2/10/2012
Type Release:	Produced Water
Source of Contamination:	Flow line
Fluid Released:	20 bbls
Fluids Recovered:	None

Official Communication:

Name:	Pat Ellis	Ike Tavaréz
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	ike.tavaréz@tetrattech.com

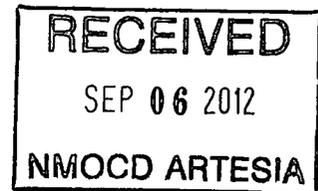
Ranking Criteria

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



May 31, 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., Myox 31-13 Flow line, Unit P, Section 31, 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 from the Myox 31-13 Flow line located in Unit P, Section 31, Township 25 South, Range 28 East, Eddy County, New Mexico (Site). The spill site coordinates are N 32.08029°, W 104.11799°. 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 February 10, 2012, and released approximately twenty (20) barrels of produced water due to a grass fire melting the flow line. To alleviate the problem, COG personnel replaced the damaged line. COG was unable to recover any of spilled fluids. The spill initiated from the damaged flowline and migrated across the native pasture impacting an area approximately 60' x 180'. The initial C-141 form is enclosed in Appendix A.

Groundwater

No water wells were listed within Section 31. The New Mexico State Engineers Office showed two wells were listed in Sections 20 and 28 with depths to groundwater of 96.0' and 90.0' below surface, respectively. According to the NMOCD groundwater map, one well is listed in Section 29 with a depth to groundwater of 15.0' below surface. This well appears to be located near a draw with a relative elevation of 2969'. The site relative

Tetra Tech

1910 North Big Spring, Midland, TX 79705

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com



elevation is approximately 3014', which the groundwater depth at the site should be at approximately 50.0' below surface. Based on the limited groundwater data, Tetra Tech will inventory water wells in the area and confirm the groundwater depth from any water wells accessible near the area. The groundwater data is shown on Appendix B.

Regulatory

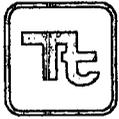
A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (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 100 mg/kg.

Soil Assessment and Analytical Results

On March 7, 2012, Tetra Tech personnel inspected and sampled the spill area. Seven (7) auger holes (AH-1 through AH-7) were installed to a depth of 5-5.5' below surface 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 reports 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, all of the submitted samples were below the RRAL for TPH and BTEX. Elevated chloride concentrations were detected at all of the auger holes, with the exception AH-1 and AH-7. Auger holes (AH-1 and AH-7) did not show a significant impact to the soils. Auger hole (AH-2) showed a shallow impact declining to 608 mg/kg at 2-2.5' below surface. The remaining auger holes were not vertically defined.

On April 16, 2012, Tetra Tech personnel supervised the installation of four (4) boreholes (BH-1 through BH-4) utilizing an air rotary drilling rig. Samples were collected to a depth of 40.0' below surface. The sampling results are summarized on Table 1. Referring to Table 1, the elevated chloride concentrations significantly declined with depth at 5.0' to 7.0' below surface. The deeper samples from 7.0' to 25.0' did show chloride



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concentrations ranging from 1,020 mg/kg to 1,740 mg/kg, but declined with depth.

Work Plan

COG proposes to removal of impacted material as highlighted (green) in Table 1 and shown on Figure 4. No impact was encountered in the areas of AH-1 and AH-7. To remove the elevated chloride concentrations, the area of AH-2 will be excavated to a depth of approximately 2.0' below surface. The areas of AH-4 and AH-5 will be excavated to a depth of approximately 5.0' and AH-3 and AH-6 to a depth of 7.0' below surface. Once excavated to the appropriate depths, the excavated areas (AH-3, AH-4, AH-5 and AH-6) will be capped with a 40 mil liner at 4.0' to 5.0' below surface and backfilled to grade with clean soil.

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 excavation cannot be achieved, the impacted soil will be capped with a 40 mil liner 4.0' to 5.0' below surface and backfilled with soil to grade

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
Senior Project Manager

cc: Pat Ellis – COG

Figures

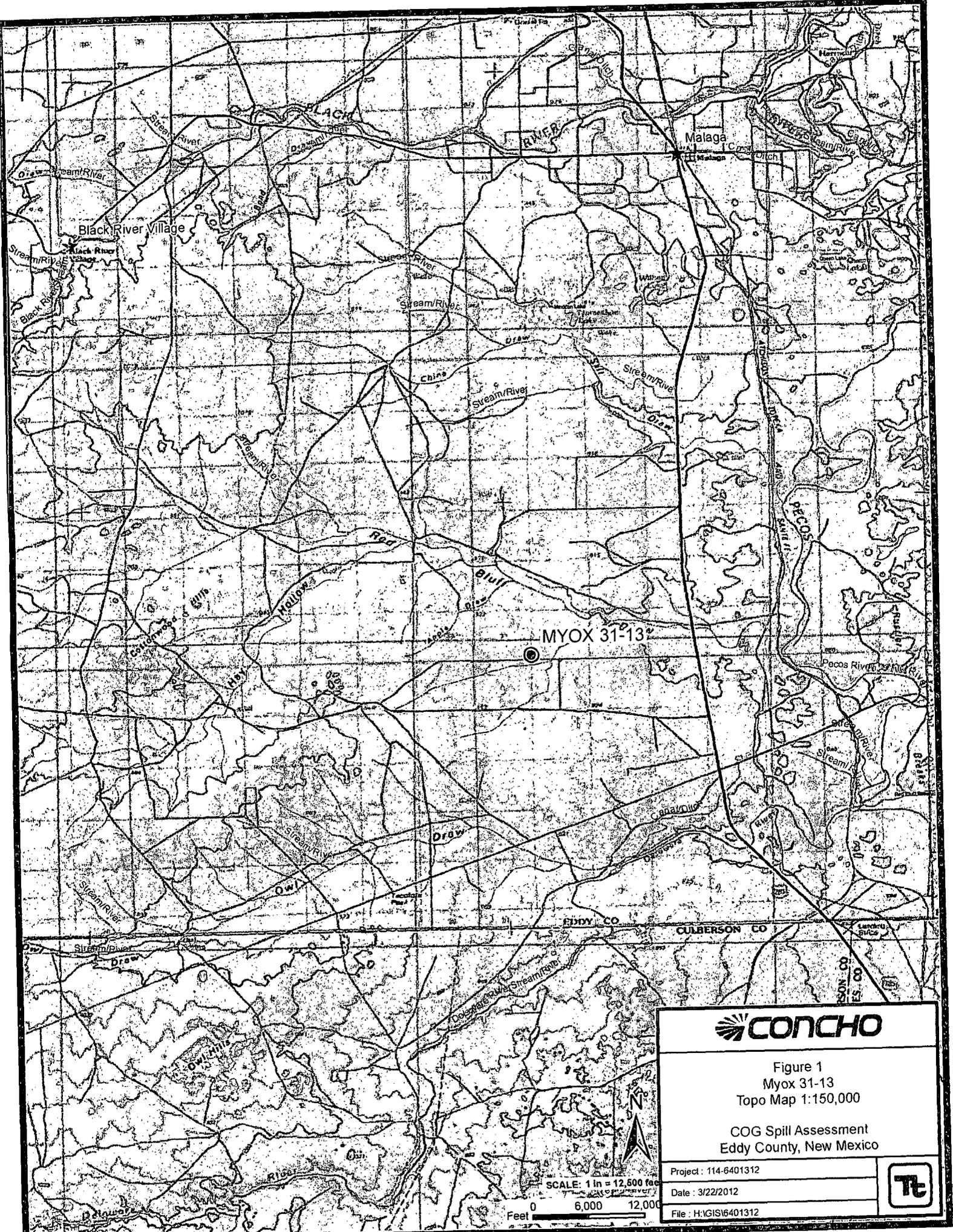


Figure 1
 Myox 31-13
 Topo Map 1:150,000
 COG Spill Assessment
 Eddy County, New Mexico

Project: 114-6401312
 Date: 3/22/2012
 File: H:\GIS\6401312



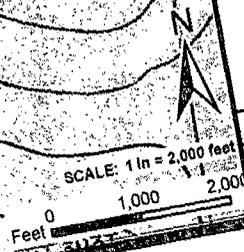
SCALE: 1 in = 12,500 feet
 0 6,000 12,000
 Feet

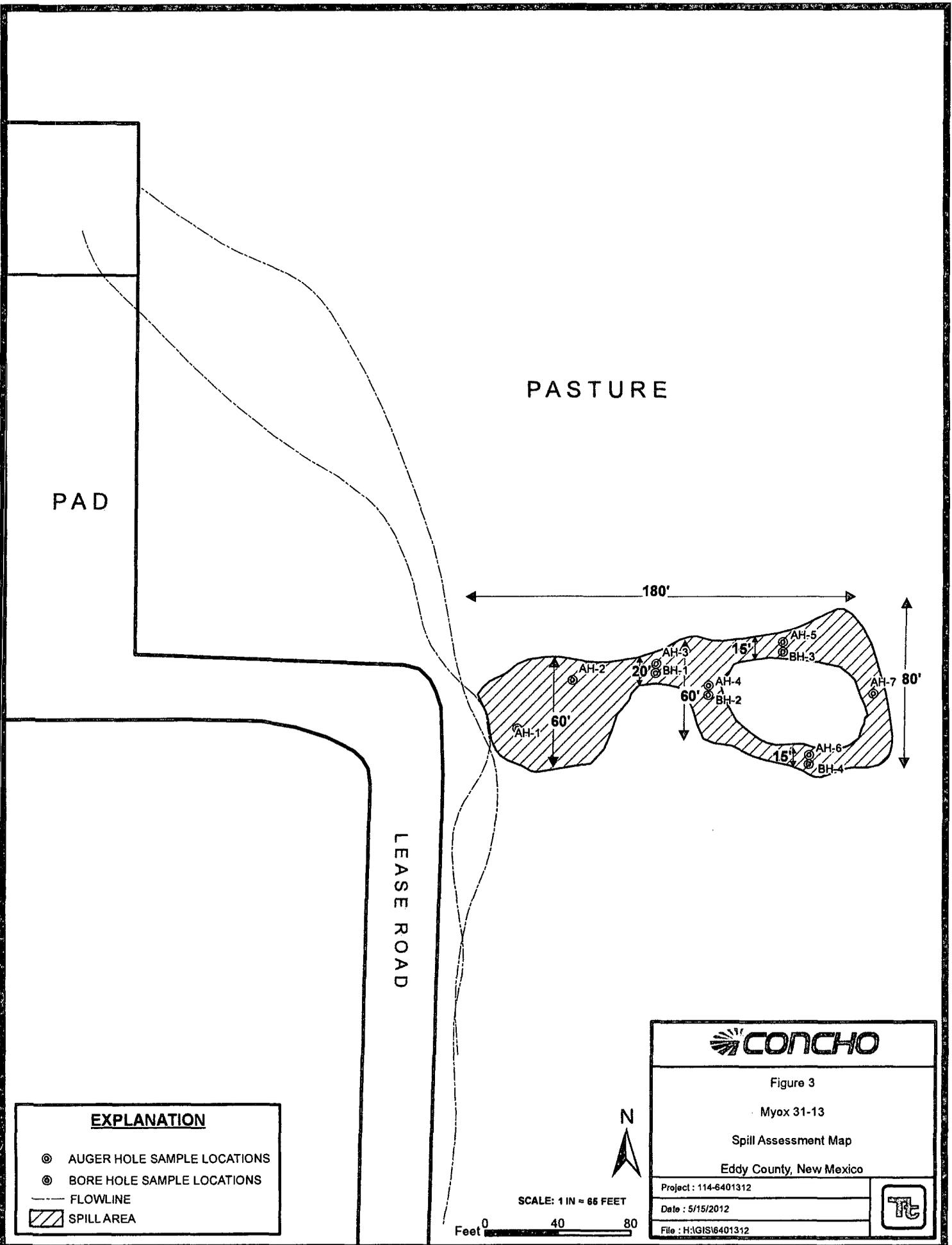




Figure 2
 Myox 31-13
 Topo Map 1:24,000
 COG Spill Assessment
 Eddy County, New Mexico

Project: 114-6401312
 Date: 3/22/2012
 File: H:\GIS\6401312





PASTURE

PAD

LEASE ROAD

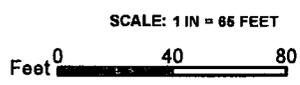
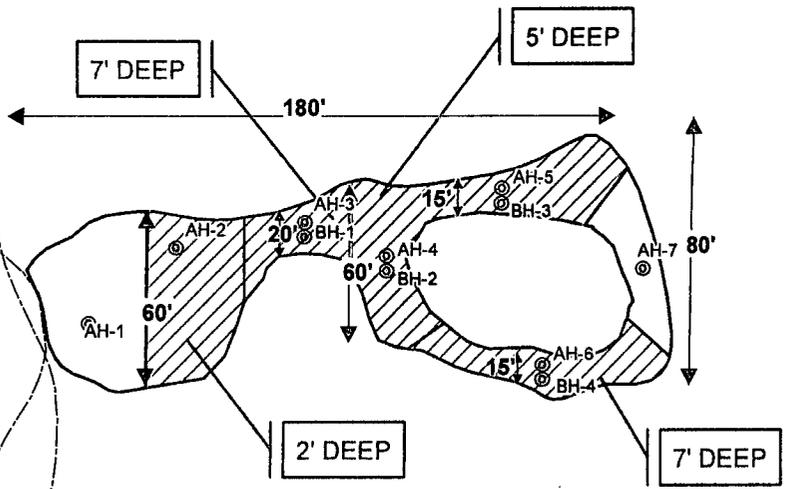


Figure 4	
Myox 31-13	
Proposed Excavation Areas & Depths Map	
Eddy County, New Mexico	
Project : 114-6401312	
Date : 5/15/2012	
File : H:\GIS\6401312	

Tables

Table 1
COG Operating LLC.
Myox 31-13 Well Site
Eddy County, New Mexico

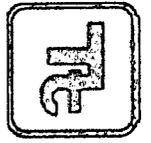
Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)			Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	Total						
AH-7	3/7/2012	0-1	X		<2.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<200
	"	1-1.5	X		-	-	-	-	-	-	-	-	<200
	"	2-2.5	X		-	-	-	-	-	-	-	-	<200
	"	3-3.5	X		-	-	-	-	-	-	-	-	<200
	"	4-4.5	X		-	-	-	-	-	-	-	-	<200
	"	5-5.5	X		-	-	-	-	-	-	-	-	330

(-) Not Analyzed

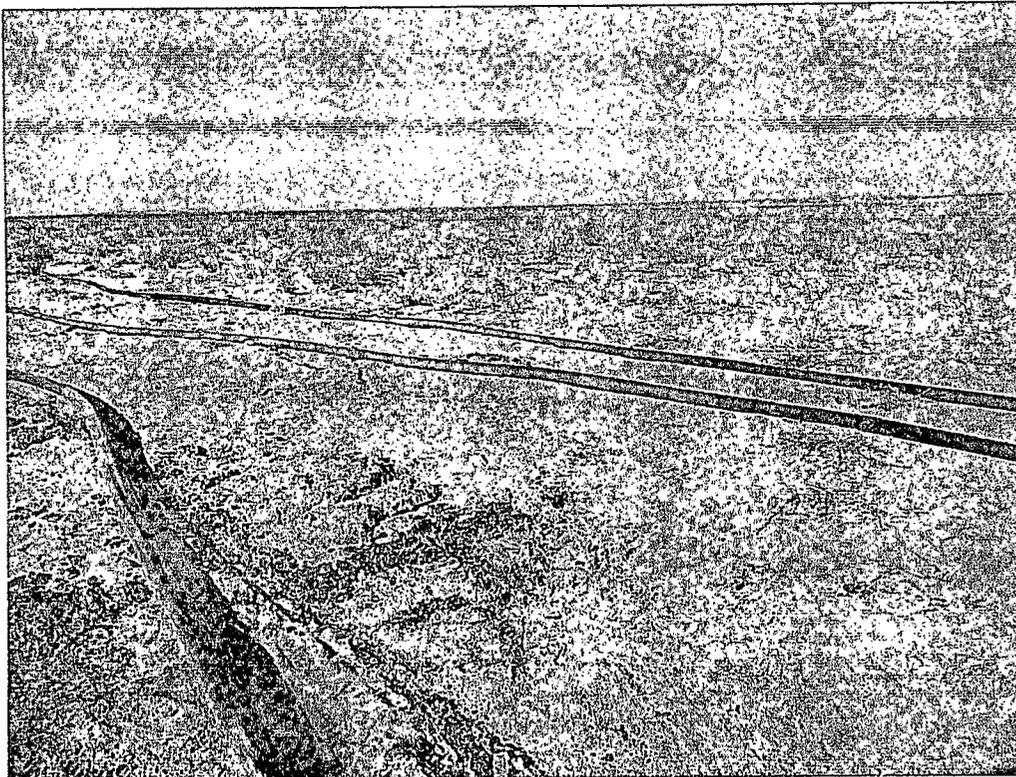
Proposed Excavation Depths

— Liner Installation and Depth

COG Operating LLC
Myox 31-13
Eddy County, New Mexico
Assessment Date: March 24, 2011



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View north – Near fire and source of flowline rupture



View east – Terrain of impacted area

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

1312

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	Myox 31-13	Facility Type	Well location

Surface Owner	State	Mineral Owner	Lease No. (API#) 30-015-37497
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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
SE-P	31	25S	28E					Eddy

Latitude 32 04.821 Longitude 104 07.083

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	20bbls	Volume Recovered	None
Source of Release	Poly water line	Date and Hour of Occurrence	02/10/2012	Date and Hour of Discovery	02/10/2012 6:00 p.m.
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

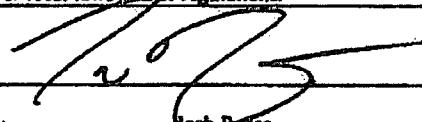
Describe Cause of Problem and Remedial Action Taken.*

Heat from a gas fire melted a nearby poly produced water line causing the release. The bad section of the poly line has been replaced.

Describe Area Affected and Cleanup Action Taken.*

Initially roughly 20bbls were released from the poly line and we were unable to recover any fluid with a vacuum truck. The spill area is located in the pasture area off of the well location. 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 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:	Vesh Russo	Approved by District Supervisor:	
Title:	HSE Coordinator	Approval Date:	Expiration Date:
E-mail Address:	jrusso@conchoresources.com	Conditions of Approval:	
Date:	02/23/2012	Phone:	432-212-2399
			Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Subbasin	County	Q Q Q			Sec	Tws	Rng	X	Y	Depth	Depth	Water
				64	16	4						Well	Water	Column
<u>C 01668</u>			ED	3	3	12	26S	28E	589957	3546554*	250	100	150	
<u>C 02160</u>			ED	4	1	2	14	26S	28E	589243	3546044*	300	120	180
<u>C 02160 S</u>			ED	1	1	2	14	26S	28E	589043	3546244*	300	120	180
<u>C 02160 S2</u>			ED	1	1	2	14	26S	28E	589043	3546244*	300	120	180
<u>C 02160 S3</u>			ED	2	2	1	14	26S	28E	588834	3546241*	300	120	180
<u>C 02160 S4</u>			ED	2	2	1	14	26S	28E	588834	3546241*	300	120	180
<u>C 02160 S5</u>			ED	1	1	1	14	26S	28E	588225	3546237*	300	120	180
<u>C 02160 S6</u>			ED	3	3	1	14	26S	28E	588232	3545635*	300	120	180
<u>C 02160 S7</u>			ED	3	3	1	22	26S	28E	586638	3543998*	300	120	180
<u>C 02160 S8</u>			ED	2	3	3	12	26S	28E	590056	3546653*	200	120	80
<u>C 02160 S9</u>			ED	3	3	2	02	26S	28E	589020	3548868*	300	120	180
<u>C 02477</u>		CUB	ED	1	1	03	26S	28E	586687	3549347*	150			
<u>C 02478</u>		CUB	ED	2	1	05	26S	28E	583848	3549325*	100			
<u>C 02479</u>		CUB	ED	4	4	10	26S	28E	587909	3546534*	200			
<u>C 02480</u>		CUB	ED	4	4	10	26S	28E	587909	3546534*	150			
<u>C 02481</u>		CUB	ED	1	1	14	26S	28E	588326	3546138*	200			
<u>C 02894</u>		C	ED	2	2	3	12	26S	28E	590458	3547061*	240		
<u>C 02924</u>		C	ED	1	3	2	11	26S	28E	589032	3547451*			

Average Depth to Water: **118 feet**

Minimum Depth: **100 feet**

Maximum Depth: **120 feet**

Record Count: 18

PLSS Search:

Township: 26S Range: 28E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/30/12 12:08 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Subbasin	County	Q Q Q				X	Y	Depth			
				64	16	4	Sec			Tws	Rng	Well	Water Column
<u>C 02218</u>		CUB	ED	4	1	4	07	26S	27E	573039	3546725*	35	
<u>C 02219</u>		CUB	ED	4	4	4	05	26S	27E	575033	3547948*	35	
<u>C 02474</u>		CUB	ED		4	3	02	26S	27E	578964	3548029*	100	
<u>C 02475</u>		CUB	ED		2	4	13	26S	27E	581450	3545252*	100	
<u>C 02476</u>		CUB	ED		4	1	24	26S	27E	580653	3544032*	150	
<u>C 02930</u>		C	ED	2	3	4	22	26S	27E	577938	3543284*	100	50
										Average Depth to Water:		50 feet	
										Minimum Depth:		50 feet	
										Maximum Depth:		50 feet	

Record Count: 6

PLSS Search:

Township: 26S Range: 27E

*UTM location was derived from PLSS - see Help

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer Water Column/Average Depth to Water

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(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<u>C 01278</u>	C		ED	4	3	28	25S	28E		585470	3551338*	205	90	115
<u>C 01411</u>	C		ED	4	4	2	04	25S	28E	586289	3558522*	69	35	34
<u>C 01453</u>	C		ED	1	2	26	25S	28E		589096	3552612*	70	40	30
<u>C 01522</u>	C		ED		1	22	25S	28E		586843	3554004*	150		
<u>C 01573 POD1</u>	C		ED	3	1	4	20	25S	28E	584144	3553361	176	96	80
<u>C 02668</u>	C		ED	2	1	2	09	25S	28E	585890	3557525*	150		
<u>C 03263 POD1</u>			ED	1	1	1	07	25S	28E	581628	3557501*	133		
Average Depth to Water:												65 feet		
Minimum Depth:												35 feet		
Maximum Depth:												96 feet		

Record Count: 7

PLSS Search:

Township: 25S Range: 28E

*UTM location was derived from PLSS - see Help

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



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(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<u>C 02588</u>	C		ED	3	4	3	33	25S	27E	575645	3549575*	81	19	62
<u>C 03261 POD1</u>			ED	3	2	1	20	25S	27E	574007	3554006*	351		
<u>C 03262 POD1</u>			ED	2	1	2	22	25S	27E	577837	3554244*	75		
Average Depth to Water:												19 feet		
Minimum Depth:												19 feet		
Maximum Depth:												19 feet		

Record Count: 3

PLSS Search:

Township: 25S **Range:** 27E

*UTM location was derived from PLSS - see Help

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5/30/12 12:07 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Appendix C

Summary Report

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

Report Date: March 16, 2012

Work Order: 12030929

Project Location: Eddy Co., NM
Project Name: COG/Myox 31-13 Well Site
Project Number: 114-6401312

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
290984	AH-1 0-1'	soil	2012-03-07	00:00	2012-03-09
290985	AH-1 1-1.5'	soil	2012-03-07	00:00	2012-03-09
290986	AH-1 2-2.5'	soil	2012-03-07	00:00	2012-03-09
290987	AH-1 3-3.5'	soil	2012-03-07	00:00	2012-03-09
290988	AH-1 4-4.5'	soil	2012-03-07	00:00	2012-03-09
290989	AH-1 5-5.5'	soil	2012-03-07	00:00	2012-03-09
290990	AH-2 0-1'	soil	2012-03-07	00:00	2012-03-09
290991	AH-2 1-1.5'	soil	2012-03-07	00:00	2012-03-09
290992	AH-2 2-2.5'	soil	2012-03-07	00:00	2012-03-09
290993	AH-2 3-3.5'	soil	2012-03-07	00:00	2012-03-09
290994	AH-2 4-4.5'	soil	2012-03-07	00:00	2012-03-09
290995	AH-2 5-5.5'	soil	2012-03-07	00:00	2012-03-09
290996	AH-3 0-1'	soil	2012-03-07	00:00	2012-03-09
290997	AH-3 1-1.5'	soil	2012-03-07	00:00	2012-03-09
290998	AH-3 2-2.5'	soil	2012-03-07	00:00	2012-03-09
290999	AH-3 3-3.5'	soil	2012-03-07	00:00	2012-03-09
291000	AH-3 4-4.5'	soil	2012-03-07	00:00	2012-03-09
291001	AH-3 5-5.5'	soil	2012-03-07	00:00	2012-03-09
291002	AH-4 0-1'	soil	2012-03-07	00:00	2012-03-09
291003	AH-4 1-1.5'	soil	2012-03-07	00:00	2012-03-09
291004	AH-4 2-2.5'	soil	2012-03-07	00:00	2012-03-09
291005	AH-4 3-3.5'	soil	2012-03-07	00:00	2012-03-09
291006	AH-4 4-4.5'	soil	2012-03-07	00:00	2012-03-09
291007	AH-4 5-5.5'	soil	2012-03-07	00:00	2012-03-09
291008	AH-5 0-1'	soil	2012-03-07	00:00	2012-03-09
291009	AH-5 1-1.5'	soil	2012-03-07	00:00	2012-03-09
291010	AH-5 2-2.5'	soil	2012-03-07	00:00	2012-03-09
291011	AH-5 3-3.5'	soil	2012-03-07	00:00	2012-03-09
291012	AH-5 4-4.5'	soil	2012-03-07	00:00	2012-03-09
291013	AH-5 5-5.5'	soil	2012-03-07	00:00	2012-03-09

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
291014	AH-6 0-1'	soil	2012-03-07	00:00	2012-03-09
291015	AH-6 1-1.5'	soil	2012-03-07	00:00	2012-03-09
291016	AH-6 2-2.5'	soil	2012-03-07	00:00	2012-03-09
291017	AH-6 3-3.5'	soil	2012-03-07	00:00	2012-03-09
291018	AH-6 4-4.5'	soil	2012-03-07	00:00	2012-03-09
291019	AH-6 5-5.5'	soil	2012-03-07	00:00	2012-03-09
291020	AH-7 0-1'	soil	2012-03-07	00:00	2012-03-09
291021	AH-7 1-1.5'	soil	2012-03-07	00:00	2012-03-09
291022	AH-7 2-2.5'	soil	2012-03-07	00:00	2012-03-09
291023	AH-7 3-3.5'	soil	2012-03-07	00:00	2012-03-09
291024	AH-7 4-4.5'	soil	2012-03-07	00:00	2012-03-09
291025	AH-7 5-5.5'	soil	2012-03-07	00:00	2012-03-09

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
290984 - AH-1 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
290990 - AH-2 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
290996 - AH-3 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
291002 - AH-4 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
291008 - AH-5 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
291014 - AH-6 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
291020 - AH-7 0-1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00

Sample: 290984 - AH-1 0-1'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290985 - AH-1 1-1.5'

Param	Flag	Result	Units	RL
Chloride		207	mg/Kg	4

Sample: 290986 - AH-1 2-2.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290987 - AH-1 3-3.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290988 - AH-1 4-4.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290989 - AH-1 5-5.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290990 - AH-2 0-1'

Param	Flag	Result	Units	RL
Chloride		11800	mg/Kg	4

Sample: 290991 - AH-2 1-1.5'

Param	Flag	Result	Units	RL
Chloride		10600	mg/Kg	4

Sample: 290992 - AH-2 2-2.5'

Param	Flag	Result	Units	RL
Chloride		608	mg/Kg	4

Sample: 290993 - AH-2 3-3.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290994 - AH-2 4-4.5'

Param	Flag	Result	Units	RL
Chloride		218	mg/Kg	4

Sample: 290995 - AH-2 5-5.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 290996 - AH-3 0-1'

Param	Flag	Result	Units	RL
Chloride		15700	mg/Kg	4

Sample: 290997 - AH-3 1-1.5'

Param	Flag	Result	Units	RL
Chloride		13300	mg/Kg	4

Sample: 290998 - AH-3 2-2.5'

Param	Flag	Result	Units	RL
Chloride		11700	mg/Kg	4

Sample: 290999 - AH-3 3-3.5'

Param	Flag	Result	Units	RL
Chloride		11600	mg/Kg	4

Sample: 291000 - AH-3 4-4.5'

Param	Flag	Result	Units	RL
Chloride		8310	mg/Kg	4

Sample: 291001 - AH-3 5-5.5'

Param	Flag	Result	Units	RL
Chloride		1280	mg/Kg	4

Sample: 291002 - AH-4 0-1'

Param	Flag	Result	Units	RL
Chloride		16000	mg/Kg	4

Sample: 291003 - AH-4 1-1.5'

Param	Flag	Result	Units	RL
Chloride		17600	mg/Kg	4

Sample: 291004 - AH-4 2-2.5'

Param	Flag	Result	Units	RL
Chloride		15700	mg/Kg	4

Sample: 291005 - AH-4 3-3.5'

Param	Flag	Result	Units	RL
Chloride		12600	mg/Kg	4

Sample: 291006 - AH-4 4-4.5'

Param	Flag	Result	Units	RL
Chloride		10300	mg/Kg	4

Sample: 291007 - AH-4 5-5.5'

Param	Flag	Result	Units	RL
Chloride		2580	mg/Kg	4

Sample: 291008 - AH-5 0-1'

Param	Flag	Result	Units	RL
Chloride		12700	mg/Kg	4

Sample: 291009 - AH-5 1-1.5'

Param	Flag	Result	Units	RL
Chloride		14800	mg/Kg	4

Sample: 291010 - AH-5 2-2.5'

Param	Flag	Result	Units	RL
Chloride		14800	mg/Kg	4

Sample: 291011 - AH-5 3-3.5'

Param	Flag	Result	Units	RL
Chloride		9350	mg/Kg	4

Sample: 291012 - AH-5 4-4.5'

Param	Flag	Result	Units	RL
Chloride		7230	mg/Kg	4

Sample: 291013 - AH-5 5-5.5'

Param	Flag	Result	Units	RL
Chloride		9830	mg/Kg	4

Sample: 291014 - AH-6 0-1'

Param	Flag	Result	Units	RL
Chloride		14600	mg/Kg	4

Sample: 291015 - AH-6 1-1.5'

Param	Flag	Result	Units	RL
Chloride		14000	mg/Kg	4

Sample: 291016 - AH-6 2-2.5'

Param	Flag	Result	Units	RL
Chloride		10200	mg/Kg	4

Sample: 291017 - AH-6 3-3.5'

Param	Flag	Result	Units	RL
Chloride		5570	mg/Kg	4

Sample: 291018 - AH-6 4-4.5'

Param	Flag	Result	Units	RL
Chloride		696	mg/Kg	4

Sample: 291019 - AH-6 5-5.5'

Param	Flag	Result	Units	RL
Chloride		1190	mg/Kg	4

Sample: 291020 - AH-7 0-1'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 291021 - AH-7 1-1.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 291022 - AH-7 2-2.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 291023 - AH-7 3-3.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 291024 - AH-7 4-4.5'

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4

Sample: 291025 - AH-7 5-5.5'

Param	Flag	Result	Units	RL
Chloride		330	mg/Kg	4