

October 5, 2016

Oil Conservation Division District 2 – Artesia 811 S. First St. Artesia, NM 88210

Re: Myox 32 Fee #2H

30-015-41521

Sec. 32, T25S-R28E Eddy County, NM

Mr. Bratcher / Ms. Groves,

COG Operating LLC would like to submit the enclosed document for closure of the above captioned well. The plan is in response to the C-141 Initial report dated February 22, 2016.

All work has been completed in accordance with the approved work plan submitted to the NMOCD and the SLO.

A signed C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (432) 683-7443.

Sincerely,

Robert Grubbs Jr.

Teat then f

Senior Environmental Coordinator

Enclosed

- (1) C-141 Initial
- (2) Site Diagram and Summary Table
- (3) Laboratory Analysis

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico **Energy Minerals and Natural Resources**

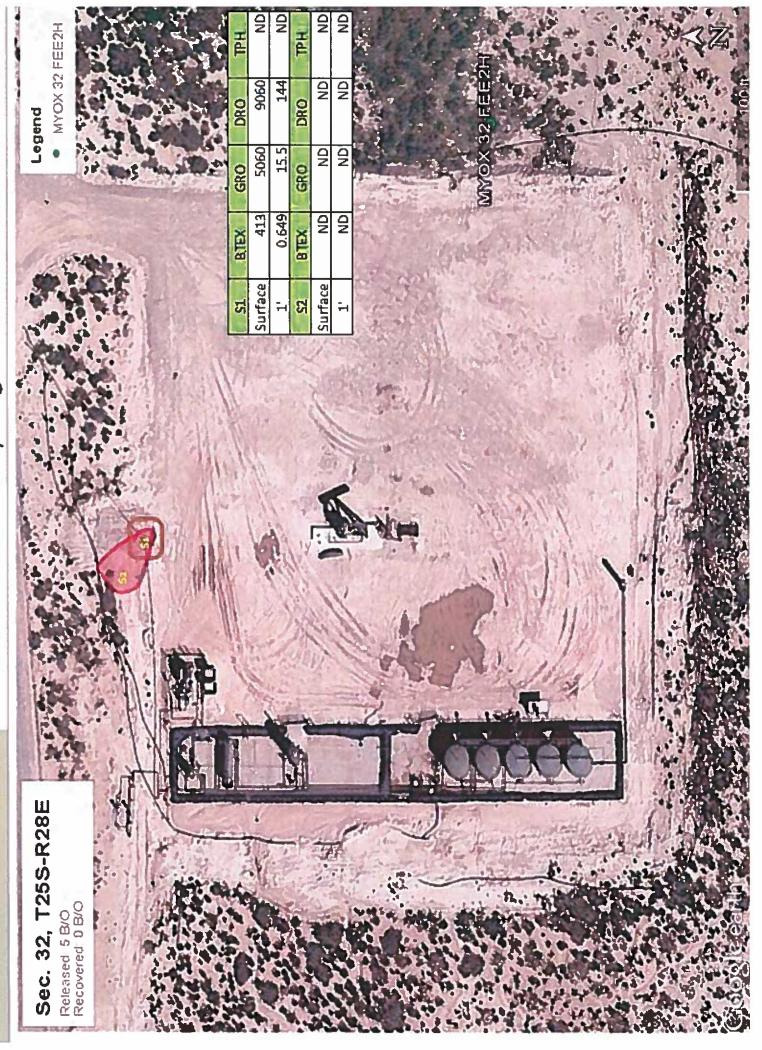
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141

Revised August 8, 2011

			Rele	ase Notifica	ation	and Co	rrective A	ction				
						OPERA	TOR	[Initia	l Report	\boxtimes	Final Report
Name of Co							bert McNeill					
		nois Avenue		1 TX 79701	$\overline{}$		lo. 432-230-007	77				
Facility Nan	ne: MYO	32 FEE #U	J2H			Facility Typ	e: Battery					
Surface Owi	ner: Fee			Mineral O	wner:				API No.	30-015-4	1521	
						OF REI	LEASE					
Unit Letter C	Section 32	Township 25S	Range 28E	Feet from the 190'		South Line North	Feet from the 1980'	ı	est Line est		Coun Edd	
				Latitude 32.0	927238	B Longitude	-104.1114349					
				NAT	URE	OF RELI		<u>.</u>				
Type of Relea	ise:					Volume of 5 bbls	Release:		Volume Re 0 bbls	ecovered:		
Source of Rel	ease:						our of Occurrenc			lour of Dis	covery	:
Flare Was Immedia	te Notice C	livan9				2/22/2016 If YES, To			2/22/2016	6:30 am		
was minicul	ne monec c		Yes 🔲	No 🔲 Not Rec	quired		her – NMOCD					
By Whom?	Robert Gr	ubbs Jr.				Date and H	our: Wednesday,	February	24, 2016	7:01 AM		
Was a Watero							lume Impacting t					
			Yes 🛚	No								
Describe Cau	se of Proble	em and Remed	dial Action	ı Taken.*								
The release vapplied to the		by an open va	lve that se	nt oil to the flare v	which re	esulted in a fi	re at the flare. Flu	iid misteo	the nearb	y pasture. N	Microb	aze was
Describe Are	a Affected	and Cleanup A	Action Tak	en.*								
The impacted NMOCD and		entralized to t	he flare ar	ea and nearby pas	ture. Co	oncho has cor	npleted in accord	ance with	the appro	ved work p	lan sub	mitted to the
regulations al public health should their or or the environ	Il operators or the envi operations h nment. In a	are required to ronment. The lave failed to a	o report an acceptance idequately OCD accep	is true and compled/or file certain rese of a C-141 reportingestigate and restance of a C-141 reportingestigate.	elease ne rt by the emediate	otifications a e NMOCD m e contaminati	nd perform correct arked as "Final R on that pose a thr	tive action eport" do eat to gro	ons for rele ses not relic ound water,	ases which eve the ope , surface wa	may er rator of ster, hu	ndanger f liability man health
Signature:	Kal	A Show	L				OIL CON	SERV.	ATION	<u>DIVISIO</u>	<u>NC</u>	
Printed Name	e: Robert C	Grubbs Jr.				Approved by	Environmental S	pecialist:				
Title: Senior	Environme	ntal Coordina	tor			Approval Da	e:	E	xpiration I	Date:		
_		@concho.con				Conditions of	f Approval:			Attached		
Date: Octob	ег 5. 2016		Pho	ne: 432-683-7443								





March 15, 2016

LUPE CARRASCO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: MYOX 32 FEE #002

Enclosed are the results of analyses for samples received by the laboratory on 03/09/16 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by an asterisk (*).

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celego Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

03/09/2016

Reported:

03/15/2016

Project Name:

MYOX 32 FEE #002

Project Number: Project Location:

NONE GIVEN

Sampling Date:

03/08/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S1 - SURFACE (H600516-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.09	5.00	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	135	5.00	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	34.6	5.00	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	236	15.0	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	413	30.0	03/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIE	103	% 73.6-14	0						
TPH 8015M	mg,	/kg	Analyze	d By: CK					5-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	5060	50.0	03/14/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	9060	50.0	03/14/2016	ND	204	102	200	0.937	
Surrogate: 1-Chlorooctane	184	% 35-147	7						
Surrogate: 1-Chlorooctadecane	188	% 28-171	1						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardnal's Bablity and client's exclusive remedy for any client anising, whether based in contract or tord, shall be lamited to the amount paid by client for analyses. All claims, including those for negligence and any other Classe whistoever shall be deemed waved unless made in writing and received by Cardnal within thirty. (30) days after completion of the applicable service. In no event shall Cardnal be labele for incidental or consequential damages, including, without limitation, usiness interruptoons, loss of use, or loss of profits inclured by client, its subsidiaries, effiliates or successors arising out of or related to the performance of the services hereunder by Cardnal, regardless of whether such client is based upon any of the above stated reasons or otherwise. Pseuts relate only to the samples identified above. This report shall not be reproduced except in full with writing approval of Cardnal Laboratoness.

Calley I tream



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

03/09/2016

Reported:

03/15/2016

Project Name: Project Number: MYOX 32 FEE #002 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/08/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S1 - 1' (H600516-02)

mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	03/14/2016	ND	2.03	101	2.00	2.02	
0.304	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
0.056	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
0.289	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
0.649	0.300	03/14/2016	ND					
102 9	6 73.6-14	0						
mg/	kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
15.5	10.0	03/12/2016	NĐ	198	98.8	200	3.25	
144	10.0	03/12/2016	ND	204	102	200	0.937	
99.4	% 35-147	,						
	Result <0.050 0.304 0.056 0.289 0.649 //02 9 mg/ Result 15.5 144	<0.050 0.050 0.304 0.050 0.056 0.050 0.289 0.150 0.649 0.300 102 % 73.6-14 mg/kg Result Reporting Limit 15.5 10.0 144 10.0	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD < 0.050

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COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

03/09/2016

Reported:

03/15/2016

Project Name: Project Number: MYOX 32 FEE #002 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/08/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S2 - SURFACE (H600516-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	<0.300	0.300	03/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIE	98.4	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	
Surrogate: 1-Chlorooctane	92.5	% 35-147							
Surrogate: 1-Chlorooctadecane	110 9	6 28+171							

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PLEASE NOTE: Liabetry and Danages. Cardinal's habitry and cheric's exclusive remedy for any claim airsing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be decimed waved urless made in writing and received by Cardinal within thirty (30) days after completions of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including the control of the control of the services interruptions, loss of use, or loss of profits incidentally, without limitations, business interruptions, loss of profits incidentally absolutely and the performance of the services hereunder by Cardinal, regardless of whether such claims to based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratomes.

Colony Thomas



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

03/09/2016

Reported:

03/15/2016

Project Name: Project Number: MYOX 32 FEE #002 NONE GIVEN

Project Location:

Sampling Date:

03/08/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

NOT GIVEN

Sample ID: S2 - 2' (H600516-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	NĐ	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	<0.300	0.300	03/14/2016	ND					
Surrogate 4-Bromofluorobenzene (PIC	99.1	% 73.6-14	0						
TPH 8015M	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	
Surrogate: 1-Chlorooctane	93.3	% 35-147							
Surrogate 1-Chlorooctadecane	112	% 28-171							

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Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

matrix interference's.

5-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

*** Insufficient time to reach temperature.

S-06

Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

Samples not received at proper temperature of 6°C or below.

PLEASE NOTE: Usabity and Damages. Cardinal's liability and cherit's exclusive remedy for any claim arising, whether based in contract or ton, shall be lemited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waved unless make in writing and received by Cardinal within thirty (30) clays after completion of the applicable service. In no event shall Cardinal be labele for incidental or consequenced damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its autoistainess, affiliates or successions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the tamples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	: COG Operating LLC	LC .		2111					
Project Manager:				DI TTIO	10			ANALYSIS REQUEST	
Address: 2208	2208 West Main			Dany.	COG Operation II C				
City: Artesia		State: NM Z	Zip 88210		Robert McNeill				
Phone #:	(575) 748-6940	Fax #:		SSS:	600 W Illinois				
Project #:		Project Owner:			Mediand				
Project Name: N	Project Name: Myox 32 Fee #002			Z	7in: 79701				
Project Location:				2	1,0788				
Sampler Name:	Lupe Carrasco			Fax #:	00000				
FOR LAB USE ONLY			MATRIX	ECEDY	2000	_			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	GROUNDWATER WASTEWATER SOIL OIL SLUDGE		DATE TIME	BTEX	TPH Chloride		
7 -	S1-Surface	_			11 12	^	III		
(W)	S2-Surface	× >		3/8	3/8/16	××	××		_!
-t	2-2	×		3/8	3/8/16	×	×		
						-			
EASE NOTE: Labdey and Di lyees. All cleams including the Vice. In no event shall Corde	arrages. Cardinal's hability and clear case for hegigence and any other ca at be liable for incidental or consequ	EASE NOTE: Labely and Dannayes. Certiful's labely and cherit s exclusive remady for any claim arrung where we based in contract or fort, shall be instead to the amount pact by the cherit for the bytes All cleams exclusing those for negligence and any other cause evisionment whether deemed wewed unless made in writing and received by Cardinal within 30 days after completion of the applicable. You in no event shall Cardinal be liable for exclored or consequental demages, including effocts from the control for any or to be a control within 30 days after completion of the applicable.	p whether based in contract or to d unless made in writing and inco	t shall be inneed to the amounted by Cardinal within 30 da	and pead by the chant for the ye after completion of the ap-	ylc att	-		
			The state of the s	MANCHAL NORMAL AN INCOME. AN INCOME.					

Sample Condition Cool Intact Cool Intact Cool Intact No I No

CHECKED BY:

Reinquished By:

Relinquished By:

Sampler - UPS - Bus - Other: FORM-006 R 2.0

Delivered By: (Circle One)

Time:

Received By:

Received By:

Phone Result: Fax Result: REMARKS:

:: | Yes | No Add'l Phone #:
| Yes | No Add'l Fax #:
| Carrasco(@)Concho.com

atrujillo@concho.com

Run until chlorides fall below 1000 ppm