

March 25, 2015

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

Re: Miranda Federal #13
30-015-38052
Sec. 9, T17S-R30E
Eddy County, NM

Mr. Mike Bratcher,

COG Operating LLC would like to submit for your consideration the enclosed documents for closure of the above captioned well. The closure is in response to the C-141 Initial submitted December 19, 2014.

Background

The release was caused by a failed 1/4 nipple on the tubing at the well head resulting in the release of 20 barrels of oil and 15 barrels of produced water. A vacuum truck was dispatched to recover all standing fluid of which 18 barrels of oil and 10 barrels of produced water were recovered. The release impacted an area of approximately 1600 square feet on the pad and misted the nearby pasture which was treated with Micro Blaze® and soapy water at the time of discovery. The location was scraped and all impacted soil was hauled to a NMOCD approved facility for disposal.

Groundwater

Based on the Chevron Trend Maps, the release area would be classified at a site ranking of Zero due to the depth of groundwater at greater than 325 feet.

Soil Assessment and Analytical Results

Sample points for the impacted area were chosen based on the major pooling areas of the release labeled as S1 and S2 on the attached site diagram. Sample results for S1 show TPH, BTEX, and chlorides to be non-detect. S2 results show TPH and BTEX levels to be non-detect with chloride levels within tolerable range for plant growth at a depth of 1' and 2'. At a depth of 3' chlorides are slightly elevated, but delineation of the area shows a decrease below 1000 ppm at a depth of 7'. The major pooling areas occurred on the existing well pad of a viable producing well.

Work Plan

COG Operating LLC proposes no further excavation of the release area based on chloride levels at depths sustainable for plant growth and nonthreatening to groundwater which is at a depth greater than 325 feet. Although chloride levels are low, any potential issues with plant regrowth would be handled at time of abandonment.

If there are no objections or further stipulations, COG Operating LLC would like to request closure of the site based on approval of the enclosed documents. A signed C-141 Final is enclosed for your consideration. Please feel free to contact me with any further questions or concerns at (575) 748-6933.

Sincerely,

A handwritten signature in dark ink, appearing to read "Lupe Carrasco", written in a cursive style.

Lupe Carrasco
Environmental Coordinator

Enclosed: Site Diagram
Analytical Results
C-141 Initial (Copy)
C-141 Final

Miranda Federal #13

Section 9, T17S-R30E

Released: 20 B/O, 15 B/PW
Recovered: 18 B/O, 10 B/PW

S1	GRO	DRO	TPH	BTEX	CI-
1'	ND	ND	ND	ND	ND
2'	ND	ND	ND	ND	16
3'	ND	ND	ND	ND	ND
S2	GRO	DRO	TPH	BTEX	CI-
1'	ND	ND	ND	ND	1490
2'	ND	ND	ND	ND	1040
3'	ND	ND	ND	ND	2600
5'					1650
7'					960



March 11, 2015

LUPE CARRASCO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: MIRANDA FEDERAL #13

Enclosed are the results of analyses for samples received by the laboratory on 03/06/15 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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

Analytical Results For:

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

Received:	03/06/2015	Sampling Date:	02/26/2015
Reported:	03/11/2015	Sampling Type:	Soil
Project Name:	MIRANDA FEDERAL #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-1' (H500633-01)

BTEx 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2015	ND	416	104	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	

Surrogate: 1-Chlorooctane 92.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.4 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, 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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors 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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	03/06/2015	Sampling Date:	02/26/2015
Reported:	03/11/2015	Sampling Type:	Soil
Project Name:	MIRANDA FEDERAL #13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-2' (H500633-02)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTX	<0.300	0.300	03/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/09/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	

Surrogate: 1-Chlorooctane 85.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.9 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 03/06/2015
Reported: 03/11/2015
Project Name: MIRANDA FEDERAL #13
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1-3' (H500633-03)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	

Surrogate: 1-Chlorooctane 86.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 03/06/2015
Reported: 03/11/2015
Project Name: MIRANDA FEDERAL #13
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2-1' (H500633-04)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	03/09/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	

Surrogate: 1-Chlorooctane 90.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 03/06/2015
 Reported: 03/11/2015
 Project Name: MIRANDA FEDERAL #13
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 02/26/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2-2' (H500633-05)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	03/09/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/10/2015	ND	203	101	200	0.849	
DRO >C10-C28	<10.0	10.0	03/10/2015	ND	201	101	200	5.04	

Surrogate: 1-Chlorooctane 91.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 87.0 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 03/06/2015
 Reported: 03/11/2015
 Project Name: MIRANDA FEDERAL #13
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 02/26/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2-3' (H500633-06)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTX	<0.300	0.300	03/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 116 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	03/09/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/10/2015	ND	203	101	200	0.849	
DRO >C10-C28	<10.0	10.0	03/10/2015	ND	201	101	200	5.04	

Surrogate: 1-Chlorooctane 88.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.8 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	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

Cardinal Laboratories*=**Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

March 20, 2015

GARRETT MERKET
COG OPERATING
P. O. BOX 1630
ARTESIA, NM 88210

RE: MIRANDA FEDERAL #13

Enclosed are the results of analyses for samples received by the laboratory on 03/18/15 3:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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

Analytical Results For:COG OPERATING
GARRETT MERKET
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONEReceived: 03/18/2015
Reported: 03/20/2015
Project Name: MIRANDA FEDERAL #13
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson**Sample ID: S2-5 ' (H500739-01)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	03/19/2015	ND	416	104	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager



(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

es to (575) 393-2326
#104

March 20, 2015

GARRETT MERKET

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: MIRANDA FEDERAL #13

Enclosed are the results of analyses for samples received by the laboratory on 03/18/15 15:08.

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Cardinal Laboratories is accredited 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.

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

Analytical Results For:COG OPERATING
GARRETT MERKET
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONEReceived: 03/18/2015
Reported: 03/20/2015
Project Name: MIRANDA FEDERAL #13
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 02/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson**Sample ID: S2-7 ' (H500740-01)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	03/19/2015	ND	416	104	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, 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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors 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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager



Page 4 of 4

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(575) 393-2326 FAX (575) 393-2476

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

District I
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

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 August 8, 2011

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

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: Miranda Federal #13	Facility Type: Wellhead

Surface Owner: Federal	Mineral Owner:	API No. 30-015-38052
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LOCATION OF RELEASE

Unit Letter F	Section 09	Township 17S	Range 30E	Feet from the 1650	North/South Line North	Feet from the 1650	East/West Line West	County Eddy
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Latitude32.8518436131665 **Longitude** -103.980236482555

NATURE OF RELEASE

Type of Release: Oil and Water	Volume of Release: 20 bbls Oil; 15 bbls PW	Volume Recovered: 18 bbls Oil; 10 bbls PW
Source of Release: Nipple on tubing	Date and Hour of Occurrence: 12/7/2014 8:30 am	Date and Hour of Discovery: 12/7/2014 8:30 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher – NMOCD	
By Whom? Amanda Trujillo	Date and Hour: 12/8/2014 3:09 PM	
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.*

The release was caused by a failure in a broken ¼ nipple on the tubing of the wellhead. Vacuum trucks were dispatched to recover all standing fluid.

Describe Area Affected and Cleanup Action Taken.*

This spill impacted a 40'x40' area. The portion of pasture impacted was treated with Microblaze and soapy water. Concho will have the spill site sampled 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: Amanda Trujillo	Approved by Environmental Specialist:		
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: atrujillo@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: December 19, 2014	Phone: 575-748-6940		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Lupe Carrasco		Approved by Environmental Specialist:	
Title: Environmental Coordinator		Approval Date:	Expiration Date:
E-mail Address: gcarrasco@concho.com		Conditions of Approval:	
Date: March 25, 2015 Phone: 575-748-6940		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary