



RECEIVED

By JKeyes at 12:26 pm, Jul 07, 2016

Amanda Trujillo Davis
Sr. Environmental Coordinator

July 7, 2016

Oil Conservation Division
District 1 – Hobbs
1625 N. French Drive
Hobbs, New Mexico 88240

Conditionally
APPROVED

Confirmation sidewall samples required.

Re: Bonanza Federal #001
30-025-37590
Sec. 5, T19S-R32E
Lea County, NM

Mr. Keyes,

COG Operating LLC would like to submit for your consideration the enclosed work plan for the above captioned well. The plan is in response to the C-141 Initial report dated April 7, 2016.

Background

The release was caused by a leak on an above ground poly flow line resulting in the release of 18 barrels of produced water. Upon discovery, the line was isolated and crews were dispatched to repair the line. The release occurred in the pasture impacting an approximate area of 2,431 square feet.

Groundwater

Based on the information obtained through the use of the Chevron-Texaco Maps, the release area would be classified at a site ranking of **Zero** with depth to groundwater at greater than 100'.

Soil Assessment and Analytical Results

Sample points for the release area are labeled as S1, S2, and S3 on the attached Site Diagram. According to the analytical results obtained, S1 and S3 have an elevated concentration of chloride to a depth of 6' with delineation showing a decrease in concentration. S2 resulted in elevated chloride concentrations to a depth of 4' with delineation results showing a decrease in concentration. Chloride results were delineated to 12' and 10' due to the inability of the backhoe to dig through a rock layer at that depth. Copies of the analytical results along with a site diagram and sample summary table are attached for your consideration.

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS

Concho West | 2208 Main Street | Artesia, New Mexico 88210
PHONE 575.748.6940 | FAX 575.746.2096

Site Ranking: 0	
Depth to GW per SEO: >100	
S1	Cl-
1'	1700
2'	6800
3'	9200
4'	10700
6'	4720
8'	496
10'	352
12'	576
S2	Cl-
1'	2040
2'	5840
3'	11500
4'	7060
6'	80
8'	224
10'	256
S3	Cl-
1'	5330
2'	7730
3'	9730
4'	1520
6'	8130
8'	416
10'	416

Work Plan

COG Operating LLC proposes the following excavations for remediation of the release area:

S1 & S3 – Excavate to a depth of approximately 6'.

S2 – Excavate to a depth of approximately 4'.

All areas excavated will be backfilled with like materials. Safety during excavation will be made priority for the personnel involved, thus shoring of the excavated area will require encroachment of the surrounding pasture. All areas affected during excavation will be returned to their normal state and will be reseeded in June of 2017.

NMOCD
July 7, 2016
Page 3

If there are no objections or further stipulations, COG Operating LLC would like to begin the remediation process based on approval of this work plan. Please feel free to contact me with any questions or concerns.

Sincerely,



Amanda Trujillo Davis,

Sr. Environmental Coordinator

Enclosure(s): Site Diagram
Sample Summary Table
Analytical Results
C-141 Initial (Copy)

June 29, 2016

30-025-37590 BONANZA FEDERAL #001

Surface Location: K-05-19S-32E 1980 FSL 1650 FWL
Lat/Long: 32.8878907, -103.7916718

Legend

- S1 & S3 (1,251 sqft)
- S2 (1,180 sqft)

Site Ranking: 0	
Depth to GW per SEO: >100	
S1	Cl-
1'	1700
2'	6800
3'	9200
4'	10700
6'	4720
8'	496
10'	352
12'	576
S2	Cl-
1'	2040
2'	5840
3'	11500
4'	7060
6'	80
8'	224
10'	256
S3	Cl-
1'	5330
2'	7730
3'	9730
4'	1520
6'	8130
8'	416
10'	416





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

June 22, 2016

LUPE CARRASCO

COG Operating, LLC

500 W. ILLINOIS

Midland, TX 79701

RE: BONANZA FEDERAL COM #1

Enclosed are the results of analyses for samples received by the laboratory on 06/15/16 14:15.

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/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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

COG Operating, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 06/15/2016
Reported: 06/22/2016
Project Name: BONANZA FEDERAL COM #1
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1-1' (H601323-01)

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	06/21/2016	ND	1.96	98.0	2.00	0.357	
Toluene*	<0.050	0.050	06/21/2016	ND	1.99	99.5	2.00	0.686	
Ethylbenzene*	<0.050	0.050	06/21/2016	ND	1.83	91.7	2.00	0.552	
Total Xylenes*	<0.150	0.150	06/21/2016	ND	5.71	95.2	6.00	0.128	
Total BTEX	<0.300	0.300	06/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	06/17/2016	ND	432	108	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	06/17/2016	ND	190	95.1	200	0.0594	
DRO >C10-C28	<10.0	10.0	06/17/2016	ND	190	94.8	200	2.04	

Surrogate: 1-Chlorooctane 74.3 % 35-147

Surrogate: 1-Chlorooctadecane 75.3 % 28-171

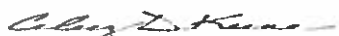
Sample ID: S1-2' (H601323-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	06/17/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 06/15/2016
 Reported: 06/22/2016
 Project Name: BONANZA FEDERAL COM #1
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/08/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1-3' (H601323-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S1-4' (H601323-04)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10700	16.0	06/17/2016	ND	432	108	400	3.77		

Sample ID: S1-6' (H601323-05)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	06/17/2016	ND	432	108	400	3.77		

Sample ID: S1-8' (H601323-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S1-10' (H601323-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/17/2016	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 06/15/2016
 Reported: 06/22/2016
 Project Name: BONANZA FEDERAL COM #1
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/08/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1-12' (H601323-08)

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S2-1' (H601323-09)

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	06/16/2016	ND	1.96	98.0	2.00	0.357	
Toluene*	<0.050	0.050	06/16/2016	ND	1.99	99.5	2.00	0.686	
Ethylbenzene*	<0.050	0.050	06/16/2016	ND	1.83	91.7	2.00	0.552	
Total Xylenes*	<0.150	0.150	06/16/2016	ND	5.71	95.2	6.00	0.128	
Total BTEX	<0.300	0.300	06/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 73.6-140

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	06/17/2016	ND	432	108	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	06/17/2016	ND	190	95.1	200	0.0594	
DRO >C10-C28	<10.0	10.0	06/17/2016	ND	190	94.8	200	2.04	

Surrogate: 1-Chlorooctane 77.3 % 35-147

Surrogate: 1-Chlorooctadecane 78.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG Operating, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 06/15/2016
Reported: 06/22/2016
Project Name: BONANZA FEDERAL COM #1
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2-2' (H601323-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S2-3' (H601323-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11500	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S2-4' (H601323-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S2-6' (H601323-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/17/2016	ND	432	108	400	3.77	

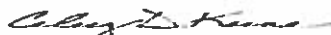
Sample ID: S2-8' (H601323-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/17/2016	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG Operating, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 06/15/2016
Reported: 06/22/2016
Project Name: BONANZA FEDERAL COM #1
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2-10' (H601323-15)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S3-1' (H601323-16)

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	06/16/2016	ND	1.96	98.0	2.00	0.357	
Toluene*	<0.050	0.050	06/16/2016	ND	1.99	99.5	2.00	0.686	
Ethylbenzene*	<0.050	0.050	06/16/2016	ND	1.83	91.7	2.00	0.552	
Total Xylenes*	<0.150	0.150	06/16/2016	ND	5.71	95.2	6.00	0.128	
Total BTEX	<0.300	0.300	06/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 73.6-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5330	16.0	06/17/2016	ND	432	108	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	06/17/2016	ND	190	95.1	200	0.0594	
DRO >C10-C28	<10.0	10.0	06/17/2016	ND	190	94.8	200	2.04	

Surrogate: 1-Chlorooctane 70.9 % 35-147

Surrogate: 1-Chlorooctadecane 76.0 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG Operating, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 06/15/2016
Reported: 06/22/2016
Project Name: BONANZA FEDERAL COM #1
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S3-2' (H601323-17)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S3-3' (H601323-18)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S3-4' (H601323-19)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S3-6' (H601323-20)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S3-8' (H601323-21)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/17/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 06/15/2016
 Reported: 06/22/2016
 Project Name: BONANZA FEDERAL COM #1
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/08/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S3-10' (H601323-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/17/2016	ND	432	108	400	3.77	

Sample ID: S3-11'5" (H601323-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/17/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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
**	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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: COG Operating LLC

Project Manager: Dakota Neel

Address: 2208 West Main

City: Artesia

Phone #: (575) 748-6930

State: NM Zip: 88210

Project #:

Project Owner:

Project Name: BONANZA FEDERAL COM #1

Project Location:

Sampler Name: Dakota Neel

FOR LAB USE ONLY

P.O. #:

Company: COG Operating LLC

Attn: Robert McNeill

Address: 600 W Illinois

City: Midland

State: TX Zip: 79701

Phone #: (432) 221-0388

Fax #:

ANALYSIS REQUEST

Lab I.D. Sample I.D.

HC01333
-1-
-2-
-3-
-4-
-5-
-6-
-7-
-8-
-9-
-10-
-11-
-12-

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

MATRIX

PRESERV

SAMPLING

BTEX
TPH
Chloride

S1-1' 6/8/16 9:30 AM X
S1-2' 6/8/16 9:30 AM X
S1-3' 6/8/16 9:30 AM X
S1-4' 6/8/16 9:30 AM X
S1-6' 6/8/16 9:30 AM X
S1-8' 6/8/16 9:30 AM X
S1-10' 6/8/16 9:30 AM X
S1-12' 6/8/16 9:30 AM X

PLEASE NOTE: Lability and Damages. Cardinal's liability and client's obligations primarily for any claim arising out of or from the use of the services provided by Cardinal shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or from the use of the services provided by Cardinal. Signatures of all parties must be obtained on this form at the time of service.

Relinquished By:

Date: 6/15/2016

Received By:

Relinquished By:

Date:

Received By:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:
dneel2@concho.com
lcarrasco@concho.com
atrullio@concho.com

FORM 0001 R 2-07
Please fax written changes to 575-393-2476

#75



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: COG Operating LLC

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ANALYSIS REQUEST

Company Name: COG Operating LLC		P.O. #:	
Project Manager: Dakota Neel			
Address: 2208 West Main		Company: COG Operating LLC	
City: Artesia		State: NM	
Zip: 88210		Attn: Robert McNeill	
Phone #: (575) 748-6930		Address: 600 W Illinois	
Fax #:		City: Midland	
Project #:		State: TX	
Project Name: BONANZA FEDERAL COM #1		Zip: 79701	
Project Location:		Phone #: (432) 221-0388	
Fax #:			
Sampler Name: Dakota Neel			
FOR LAB USE ONLY			
Lab I.D.		Sample I.D.	
44001335		S3-1'	
-16		S3-2'	
-17		S3-3'	
-18		S3-4'	
-19		S3-6'	
-20		S3-8'	
-21		S3-10'	
-22		S3-11'5"	
-23			
		(G)RAB OR (C)OMP	
		# CONTAINERS	
		GROUNDWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER :	
		ACID/BASE:	
		ICE / COOL	
		OTHER :	
		DATE	
		TIME	
		BTEX	
		TPH	
		Chloride	

PLEASE NOTE: Laboratory and Chain of Custody are required for any data being entered in this form. All data must be entered in this form within 30 days after completion of the applicable analysis. All data including those for negligence and any other cause shall remain the property of Cardinal Laboratories, Inc. and shall not be released to any other party without written permission of Cardinal Laboratories, Inc. In the event of a dispute, the data shall remain the property of Cardinal Laboratories, Inc. and shall not be released to any other party without written permission of Cardinal Laboratories, Inc. In the event of a dispute, the data shall remain the property of Cardinal Laboratories, Inc. and shall not be released to any other party without written permission of Cardinal Laboratories, Inc.

Relinquished By: Date: 6/15/2016

Time: 2:15

Date: 6/15/2016

Time: 2:15

Date: 6/15/2016

Time: 2:15

Date: 6/15/2016

Sample Condition: Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials)

Received By: [Signature]

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS: dneel2@concho.com
lcarrasco@concho.com
atrujillo@concho.com

3. Please fax written changes to 575-393-2476

#75

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: BONANZA FEDERAL #001	Facility Type: Battery

Surface Owner: Federal	Mineral Owner:	API No. 30-025-37590
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LOCATION OF RELEASE

Unit Letter K	Section 5	Township 19S	Range 32E	Feet from the 1980	North/South Line South	Feet from the 1650	East/West Line West	County Lea
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Latitude 32.6876907 Longitude -103.7916718

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 18 bbls PW	Volume Recovered: 18 bbls PW
Source of Release: Flowline	Date and Hour of Occurrence: 3/24/2016 2:00 pm	Date and Hour of Discovery: 3/24/2016 2:00 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input 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.*
This release was caused a poly flowline.

Describe Area Affected and Cleanup Action Taken.*

This release occurred in the pasture to the south side of the pad. 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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Robert Grubbs Jr.

Approved by Environmental Specialist:

Title: Senior Environmental Coordinator

Approval Date:

Expiration Date:

E-mail Address: rgrubbs@concho.com

Conditions of Approval:

Attached ☐

Date: April 7, 2016

Phone: 432-683-7443

* Attach Additional Sheets If Necessary