

**APPROVED**

August 1, 2016

Oil Conservation Division  
District 1 – Hobbs  
1625 N. French Drive  
Hobbs, New Mexico 88240**Re: Bonanza Federal #001  
30-025-37590  
Sec. 5, T19S-R32E  
Lea County, NM**

Mr. Keyes/Mr. Arias,

COG Operating LLC would like to submit the enclosed documents for closure of the above captioned well. The plan is in response to the C-141 Initial report dated March 24, 2016.

All work has been completed in accordance with work plan submitted to the NMOCD and BLM and approved on July 7, 2016 and July 13, 2016 respectively. The work plan included excavation of areas S1 & S3 to a depth of approximately 6' and the excavation of S2 to a depth of approximately 4'. Per Mr. Keyes' COA, sidewall confirmation samples were taken and the sampling analysis is attached. All areas excavated were backfilled with like materials and the area was seeded with BLM approved LPC mix.

A signed C-141 Final is enclosed for your consideration as well as a picture of the excavation. Please feel free to contact me with any questions or concerns at (575) 748-6940.

Sincerely,

Amanda Trujillo Davis  
Senior Environmental Coordinator

## Enclosed

- (1) C-141 Initial
- (2) Laboratory Analysis
- (3) Site Diagram
- (4) Picture of Excavation

**CORPORATE ADDRESS**One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701  
**P** 432.683.7443 | **F** 432.683.7441**CARLSBAD OFFICE**1401 Commerce Drive | Carlsbad, New Mexico 88220  
**P** 575.689.3100 | **F** 575.941.2081

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. This release was remediated with an approved work plan under the guidance of NMOCD and BLM.

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: 	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Amanda Trujillo Davis	Approved by Environmental Specialist: 		
Title: Senior Environmental Coordinator	Approval Date: 08/02/2016	Expiration Date: ///	
E-mail Address: atrujillo@concho.com	Conditions of Approval: ///		Attached <input type="checkbox"/> 1RP 4238
Date: August 1, 2016	Phone: 575-748-6940		

\* Attach Additional Sheets If Necessary

July 30, 2016

AMANDA TRUJILLO DAVIS

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: BONANZA FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 07/27/16 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/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,



Caley D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 COG OPERATING  
 AMANDA TRUJILLO DAVIS  
 P. O. BOX 1630  
 ARTESIA NM, 88210  
 Fax To: NONE

 Received: 07/27/2016  
 Reported: 07/30/2016  
 Project Name: BONANZA FEDERAL #1  
 Project Number: NONE GIVEN  
 Project Location: UNIT K SEC 5, T19S, R32E

 Sampling Date: 07/26/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Angela Cabrera

**Sample ID: NORTH SIDEWALL (H601683-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/28/2016	ND	400	100	400	0.00	

**Sample ID: SOUTH SIDEWALL (H601683-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/28/2016	ND	400	100	400	0.00	

**Sample ID: EAST SIDEWALL (H601683-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/28/2016	ND	400	100	400	0.00	

**Sample ID: WEST SIDEWALL (H601683-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/28/2016	ND	400	100	400	0.00	

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

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**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: Amanda T. Davis

Address: 2208 West Main

City: Artesia

Phone #: (575) 748-6930

Project #:

Project Name: Bonanza Federal #1

Project Location: Unit K Section 5, Township 19S Range 32E

Sample Name: Amanda T. Davis

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

North Sidewall  
South Sidewall  
East Sidewall  
West Sidewall

(G)RAB OR (C)OMP

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER

ACID/BASE

ICE / COOL

OTHER

DATE TIME

BTEX

TPH

Chloride

P.O. #:

Company: COG Operating LLC

Attn: Robert McNeill

Address: 600 W Illinois

City: Midland

State: TX Zip: 79701

Phone #: (432) 221-0366

Fax #:

ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's obligation remedy for any claim arising out of this contract or work, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for excluded or consequential damages, including indirect, incidental, business interruption, loss of use, or loss of profits sustained by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal. Signature of whoever such claim is based upon any of the above stated remedies or otherwise.

Relinquished By:

Date: 7/27/16

Received By:

Relinquished By:

Date: 10/30/16

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition  
Cool Intact  
Yes Yes  
No No

CHECKED BY:

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

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



June 29, 2016

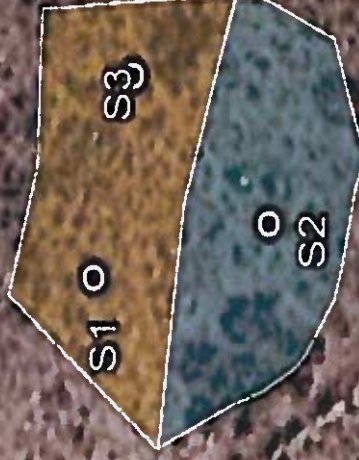
## 30-025-37590 BONANZA FEDERAL #001

Surface Location: K-05-19S-32E 1980 FSL 1850 FWL  
Lat/Long: 32.8876907, -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



Google earth

CONCHO





82-666235 - 115.790783