



Lupe Carrasco
Environmental Coordinator

April 27, 2015

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

**Re: West Brushy 5 Federal SWD #5
30-015-31869
Sec. 5, T26S-R29E
Eddy County, NM**

Mr. Mike Bratcher,

COG Operating LLC would like to submit the enclosed documents for closure of the above captioned well. The closure request is in response to the C-141 Initial dated November 5, 2014.

All work has been completed in accordance with the approved work plan submitted to the NMOCD and BLM. As per the stipulations set by BLM, a copy of the analytical results for the confirmation samples requested is attached. The area labeled as B2 was excavated down to a depth of 2' due to a few hot spots at the 1.5' depth. B4 was excavated down to a depth of 3' and S7 was excavated to a depth of 5.5'. As requested, the areas concerning the buried pipelines were excavated to the appropriate depth in accordance to the protocols placed by the associated pipeline superintendent. The road was scraped and material added with blading occurring soon after during scheduled maintenance of the road.

A signed C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (575) 748-6933.

Sincerely,

A handwritten signature in dark ink, appearing to read "Lupe Carrasco", written over a horizontal line.

Lupe Carrasco
Environmental Coordinator

Enclosure(s): Analytical Results
C-141 Initial (Copy)
C-141 Final

March 26, 2015

GARRETT MERKET

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: WEST BRUSHY 5 FEDERAL SWD #5

Enclosed are the results of analyses for samples received by the laboratory on 03/26/15 14:00.

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,



Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

COG OPERATING
GARRETT MERKET
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 03/26/2015
Reported: 03/26/2015
Project Name: WEST BRUSHY 5 FEDERAL SWD #5
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: B1- 1.5' (H500810-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/26/2015	ND	400	100	400	3.92	

Sample ID: B2- 1.5' (H500810-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	03/26/2015	ND	400	100	400	3.92	

Sample ID: B3- 1.5' (H500810-03)

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	03/26/2015	ND	400	100	400	3.92	

Sample ID: S7- 3.5' (H500810-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12100	16.0	03/26/2015	ND	416	104	400	3.77	

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.


Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:COG OPERATING
GARRETT MERKET
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONEReceived: 03/26/2015
Reported: 03/26/2015
Project Name: WEST BRUSHY 5 FEDERAL SWD #5
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 03/26/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson**Sample ID: S7- 4.5' (H500810-05)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	03/26/2015	ND	416	104	400	3.77	

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For 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

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Page 5 of 5

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

March 27, 2015

LUPE CARRASCO
COG OPERATING
P. O. BOX 1630
ARTESIA, NM 88210

RE: WEST BRUSHY 5 FEDERAL SWD #5

Enclosed are the results of analyses for samples received by the laboratory on 03/27/15 9:50.

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.

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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: NONEReceived: 03/27/2015
Reported: 03/27/2015
Project Name: WEST BRUSHY 5 FEDERAL SWD #5
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 03/27/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene**Sample ID: S7 - 5' (H500820-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	03/27/2015	ND	416	104	400	0.00	

Sample ID: S7 - 6' (H500820-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/27/2015	ND	416	104	400	0.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Celey D. Keene, Lab Director/Quality Manager



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

BILL TO

ANALYSIS REQUEST

[illegible]

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



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

April 01, 2015

LUPE CARRASCO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: WEST BRUSHY 5 FEDERAL SWD #5

Enclosed are the results of analyses for samples received by the laboratory on 03/31/15 14:05.

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.

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Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:COG OPERATING
LUPE CARRASCO
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONEReceived: 03/31/2015
Reported: 04/01/2015
Project Name: WEST BRUSHY 5 FEDERAL SWD #5
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 03/31/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson**Sample ID: B 2 (H500849-01)**

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	04/01/2015	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

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Celey D. Keene, Lab Director/Quality Manager

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		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> 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: West Brushy 5 Federal SWD #5	Facility Type: SWD		
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-31869	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	5	26S	29E	800	South	850	East	Eddy

Latitude 32.0665385200141 Longitude -104.000346200798

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 225 bbls	Volume Recovered: 220 bbls
Source of Release: Flowline	Date and Hour of Occurrence: 10-16-2014 7:30 pm	Date and Hour of Discovery: 10-16-2014 7:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher – OCD / Jeffery Robertson – BLM	
By Whom? Amanda Trujillo	Date and Hour: 10/17/2014 4:40 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.*

An over pressured a poly flowline caused the release. Vacuum trucks were dispatched to pick up standing fluid and the flowline was repaired. All fluids were disposed of at an NMOCD approved facility.

Describe Area Affected and Cleanup Action Taken.*

The impacted area was in the pasture approximately a half mile long and 2' wide. 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: November 5, 2014	Phone: 575-748-6940		

* Attach Additional Sheets If Necessary

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: West Brushy 5 Federal SWD #5	Facility Type: SWD

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-31869
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LOCATION OF RELEASE

Unit Letter P	Section 5	Township 26S	Range 29E	Feet from the 800	North/South Line South	Feet from the 850	East/West Line East	County Eddy
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Latitude 32.0665385200141 Longitude 104.000346200798

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 225 bbls	Volume Recovered: 220 bbls
Source of Release: Flowline	Date and Hour of Occurrence: 10-16-2014 7:30 pm	Date and Hour of Discovery: 10-16-2014 7:30 pm
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By Whom? Amanda Trujillo	Date and Hour: 10/17/2014 4:40 pm	
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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: Lupe Carrasco		Approved by Environmental Specialist:	
Title: Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: gcarrasco@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: April 27, 2015	Phone: 575-748-6940		

* Attach Additional Sheets If Necessary