

June 27, 2016

Oil Conservation Division  
District 1 – Hobbs  
1625 N. French Dr.  
Hobbs, NM 88240

**RECEIVED**

By JKeyes at 8:16 am, Jul 11, 2016

**APPROVED**

**Re: Pintail 3 Federal SWD #1  
30-025-41208  
Sec. 3, T26S-R32E  
Lea County, NM**

Site must be fully delineated and remediated at time of abandonment.

Mr. Keyes/Ms. Tucker,

This letter is in response to the denial for closure dated April 14, 2016 of the incident #1RP-3952. Per a conversation with Shelly Tucker on May 10, 2016 it was determined this incident could be closed with the condition of approval that at the time of abandonment COG would address the chloride left in place under the facility. The desired outcome is surface reclamation through the establishment of vegetative growth.

On June 1, 2016 in a meeting with Mr. Jaime Keyes of NMOCD District 1 it was concluded closure of this incident would require further delineation of L3, L4, and L6 sampling points. Due to the petrocalcic horizon found at approximately 5' a rock drill was required to extract the sample. Per Mr. Keyes, one or two samples would suffice for closure if not three. COG was able to obtain samples from two sampling points L3 and L4 to show delineation. Attached is a sampling map summarizing the delineation and copies of the laboratory analysis.

COG Operating LLC would like to submit the enclosed document for closure of the above captioned well. All work has been completed in accordance with the approved work plan submitted to the NMOCD and BLM.

A copy of the submitted C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (575) 748-6930.

Sincerely,

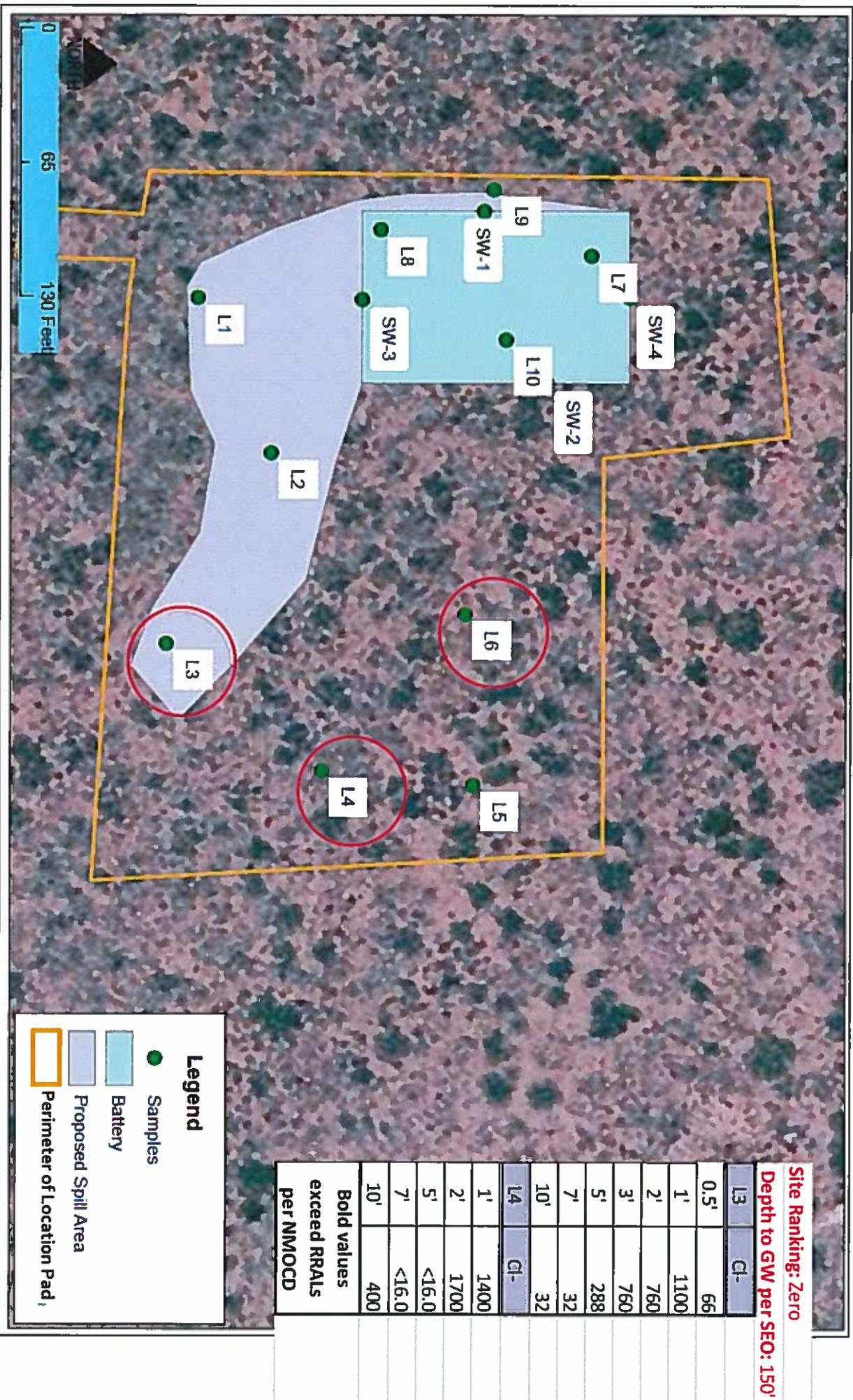


Amanda Trujillo Davis  
Senior Environmental Coordinator

Enclosure(s):

- (1) Sampling Map
- (2) Laboratory Analysis
- (3) C-141 Final

# Pintail 3 Federal SWD #1



June 24, 2016

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

RE: PINTAIL SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/22/16 10:45.

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](http://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: 06/22/2016  
 Reported: 06/24/2016  
 Project Name: PINTAIL SWD  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/21/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: L3-5' (H601367-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	06/24/2016	ND	432	108	400	3.77		

**Sample ID: L3-7' (H601367-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2016	ND	432	108	400	3.77		

**Sample ID: L3-10' (H601367-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2016	ND	432	108	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.



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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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

1081

Company Name: COG Operating LLC **BILL TO** ANALYSIS REQUEST

Project Manager: Lupe Carrasco P.O. #: Company: COG Operating LLC

Address: 2208 West Main City: Artesia State: NM Zip: 88210 Altn: Robert McNeill

Phone #: (575) 748-6940 Fax #: Project Owner: Address: 600 W Illinois

Project #: Project Name: Pinal SWD City: Midland

Project Location: State: TX Zip: 79701

Sampler Name: Lupe Carrasco Phone #: (432) 221-0388

FOR LAB USE ONLY: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	BTEX	TPH	Chloride	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL						OTHER
H001307		X															
		X															
		X															
		X															

PLEASE NOTE: Labtery and Damages Cardinal's liability and work's exclusion remedy for any claim arising whether based in contract or tort, 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 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 data, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Inspection of analyses upon delivery is required upon any of the above stated requests or corrections.

Relinquished By: *[Signature]* Date: *6/2/16* Received By: *[Signature]* Date: *6/2/16*  
 Time: *10:45* Date: *10:45* Received By: *[Signature]* Date: *6/2/16*  
 Time: *10:45* Date: *10:45* Received By: *[Signature]* Date: *6/2/16*

Delivered By: (Circle One) Sample Condition: *31c* Checked By: *[Signature]*  
 Sampler - UPS - Bus - Other: *31c* Cool Intact: *Yes* No: *No* (Initials) *HT*  
 FORM-006 R 2.0 No: *No* Yes: *Yes* Add'l Phone #: *575*  
 Phone Result:  Yes  No Add'l Fax #: *575*  
 REMARKS: *scarrasco@concho.com*  
 atrujillo@concho.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

June 24, 2016

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

RE: PINTAIL SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/22/16 10:45.

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Caley D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 06/22/2016  
 Reported: 06/24/2016  
 Project Name: PINTAIL SWD  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 06/21/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: L4-5' (H601368-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2016	ND	432	108	400	3.77		

**Sample ID: L4-7' (H601368-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2016	ND	432	108	400	3.77		

**Sample ID: L4-10' (H601368-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/24/2016	ND	432	108	400	3.77		

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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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/8/11

Company Name: COG Operating LLC

Project Manager: Lupe Carrasco

Address: 2208 West Main

City: Artesia

Phone #: (575) 748-6940

Project #:

Project Name: Pintall SWD

Project Location:

Sampler Name: Lupe Carrasco

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.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE					
H001306		X									6/21/16				X
		X									6/21/16				X
		X									6/21/16				X

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Relinquished By:

*Lupe Carrasco*

Date: 6/21/16

Time: 10:45

Date: 6/21/16

Time:

Received By: *Lupe Carrasco*

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

FORM-006 R2.0

Sample Condition

Coil intact

Yes  No

CHECKED BY:

(Initials)

*LC*

Phone Result:  Yes  No

Fax Result:  Yes  No

REMARKS: [gcarrasco@concho.com](mailto:gcarrasco@concho.com)

[alujillo@concho.com](mailto:alujillo@concho.com)

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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

Form C-141  
Revised August 8, 2011

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

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: Pintail 3 Federal SWD #1	Facility Type: Battery
Surface Owner: Federal	Mineral Owner:
API No. 30-025-41208	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	3	26S	32E	2500	South	1400	East	Lea

Latitude 32.0719317402384 Longitude -103.658744163143

**NATURE OF RELEASE**

Type of Release: Oil & Produced Water	Volume of Release: 120 bbls Oil ; 1380 PW	Volume Recovered: 120 bbls Oil ; 1380 PW
Source of Release: Lightning Strike	Date and Hour of Occurrence: 10/3/2015 11:30 pm	Date and Hour of Discovery: 10/3/2015 11:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Kellie Jones – NMOCD / Mr. Amos – BLM	
By Whom? Lupe Carrasco	Date and Hour: Sun 10/4/2015 7:58 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.\*

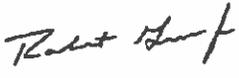
Describe Cause of Problem and Remedial Action Taken.\*

This release was caused by a lightning strike. The facility was a total loss. Once the fire was extinguished vacuum trucks were dispatched to recover all standing fluid and dispose of at an NMOCD approved facility.

Describe Area Affected and Cleanup Action Taken.\*

This release remained inside the containment area. Remediation was completed per the NMOCD approved work plan.

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: Robert Grubbs Jr.	Approved by Environmental Specialist:	
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: rgrubbs@concho.com	Conditions of Approval:	
Date: March 11, 2016 Phone: 432-683-7443	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary.