



Amanda Trujillo Davis
Senior Environmental Coordinator

May 27, 2016

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

**Re: Flying Squirrel Federal #1H
30-015-42608
Sec. 30, T18S-R31E
Eddy County, NM**

Mr. Mike Bratcher,

COG Operating LLC would like to submit the enclosed document for closure of the above captioned well. The plan is in response to the C-141 Initial report dated August 11, 2015.

All work has been completed in accordance with the approved work plan submitted to the NMOCD and BLM. COG Operating LLC disced the impacted area of the pasture and treated with 2 applications of Microblaze in addition to the initial treatment applied immediately after the release occurred. Additional treatments were administered in January 2016 and February 2016. The impacted area was disced after the first treatment. Following the final treatment in February, soil samples were taken from the surface at each of the initial sampling point locations.

A signed C-141 Final, final sampling analysis, and pictures are enclosed for your consideration. Please feel free to contact me with any questions or concerns at (505) 350-1336.

Sincerely,

A handwritten signature in blue ink, appearing to read "A. Trujillo Davis".

Amanda Trujillo Davis
Senior Environmental Coordinator

Enclosure(s):

C-141 Final
Final sampling analysis
Picture of project area

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: Flying Squirrel Federal #1H	Facility Type: Battery

Surface Owner: Federal	Mineral Owner:	API No. 30-015-42608
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LOCATION OF RELEASE

Unit Letter I	Section 30	Township 18S	Range 31E	Feet from the 2000'	North/South Line South	Feet from the 450'	East/West Line East	County Eddy
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Latitude 32.7167244 Longitude -103.9017334

NATURE OF RELEASE

Type of Release: Oil & Produced Water	Volume of Release: 20 bbls Oil ; 8 bbls PW	Volume Recovered: 3 bbls Oil ; 3 bbls PW
Source of Release: Gasket Failure	Date and Hour of Occurrence: 8/11/2015 6:30 pm	Date and Hour of Discovery: 8/11/2015 6:30 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	
By Whom? Amanda Trujillo	Date and Hour: Thu 8/13/2015 5:56 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 gasket failure on FWKO. A vacuum truck was dispatched to recover all standing fluid. Crews with soapy water and Microblaze were also dispatched to treat the area.

Describe Area Affected and Cleanup Action Taken.*

This release caused a spray that impacted the nearby pasture. This release was completed 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: <i>Amanda T. Davis</i>		OIL CONSERVATION DIVISION	
Printed Name: Amanda Trujillo Davis		Approved by Environmental Specialist:	
Title: Senior Environmental Coordinator		Approval Date:	Expiration Date:
E-mail Address: atrujillo@concho.com		Conditions of Approval:	
Date: May 20, 2016 Phone: 575-748-6940		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

March 31, 2016

DAKOTA NEEL

COG OPERATING

P. O. BOX 1630

ARTESTA, NM 88210

RE: FLYING SQUIRREL FED #1 H TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/23/16 10:30.

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/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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONEReceived: 03/23/2016
Reported: 03/31/2016
Project Name: FLYING SQUIRREL FED #1 H TANK BAT
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 03/22/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson**Sample ID: S2 - SURFACE (H600633-01)**

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	03/28/2016	ND	179	89.3	200	3.87	
DRO >C10-C28	1790	50.0	03/28/2016	ND	160	79.9	200	4.90	
Surrogate: 1-Chlorooctane	73.3 %	35-147							
Surrogate: 1-Chlorooctadecane	126 %	28-171							

Sample ID: S3 - SURFACE (H600633-02)

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	03/28/2016	ND	179	89.3	200	3.87	
DRO >C10-C28	20.9	10.0	03/28/2016	ND	160	79.9	200	4.90	
Surrogate: 1-Chlorooctane	83.9 %	35-147							
Surrogate: 1-Chlorooctadecane	99.4 %	28-171							

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

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

Project #:

Project Name: Flying Squirrel Fed #1 H Tank Battery

Project Location:

Sampler Name: Dakota Neel

FOR LAB USE ONLY

Lab I.D. Sample I.D.

HEDEX33
2
S2-Surface
S3-Surface

G RAB OR (C)OMP.

CONTAINERS

GROUNDWATER
WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

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