



August 21, 2014

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

Re: Hoosier 22 State #1
30-025-40876
Sec. 22, T17S-R35E
Lea County, NM

Dr. Oberding,

COG Operating LLC would like to submit for your consideration the closure documents for the above captioned well. The letter is in response to the C-141 Initial report dated April 22, 2014.

The release was caused by a valve on the loadout line of the water tank. The valve was unable to close due to trash causing the seal to fail. The poor seal caused a release of 35bbls of produced water. The release was located at the battery in front of the loadout lines. The situation was remediated by replacing the valve. This area was addressed with an initial scrap and all impacted material hauled to an NMOCD approved facility. Soil samples were taken on August 4, 2014; results indicated all constituents were within RRALs outlined in *OCD Guidelines Leaks, Spills and Releases (1993)* recommended for a site ranking of ten (10).

The Hoosier 22 State Com #2 has since been sold to V-F Petroleum but in an effort to close any outstanding issue, at this time COG Operating LLC is requesting closure of this incident. If you have any additional questions or concerns please feel free to contact me (575-748-6940).

Sincerely,

Amanda Trujillo

Enclosed

- (1) C-141 Final
- (2) C-141 Initial
- (3) Site Diagram
- (4) Laboratory Analysis

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

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	Hoosier 22 State #002	Facility Type	Tank Battery

Surface Owner	State	Mineral Owner		Lease No. (API#)	30-025-40876
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	22	17S	35E	990	North	890	East	Lea

Latitude 32.82495

Longitude 103.43979

NATURE OF RELEASE

Type of Release Produced water	Volume of Release 35bbbls	Volume Recovered 30bbbls
Source of Release Water tank	Date and Hour of Occurrence 04-06-2014	Date and Hour of Discovery 04-06-2014 12:00pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoffery R. Leking - NMOCD	
By Whom? Michelle Mullins	Date and Hour 04-07-2014 07:23am	
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.*

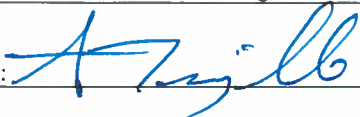
Describe Cause of Problem and Remedial Action Taken.*

A valve on the water tank was unable to seal due to trash in the valve. We replaced the valve and checked for a good seal.

Describe Area Affected and Cleanup Action Taken.*

Initially 35bbbls of produced water were released. We were able to recover 30bbbls of produced water with a vacuum truck. All free fluids have been recovered. 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: 		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Amanda Trujillo		Approved by District Supervisor:	
Title: Senior Environmental Coordinator		Approval Date:	Expiration Date:
E-mail Address: atrujillo@concho.com		Conditions of Approval:	
Date: August 21, 2014 Phone: 575-748-6940		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

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State of New Mexico
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Surface Owner State	Mineral Owner	Lease No. (API#) 30-025-40876	

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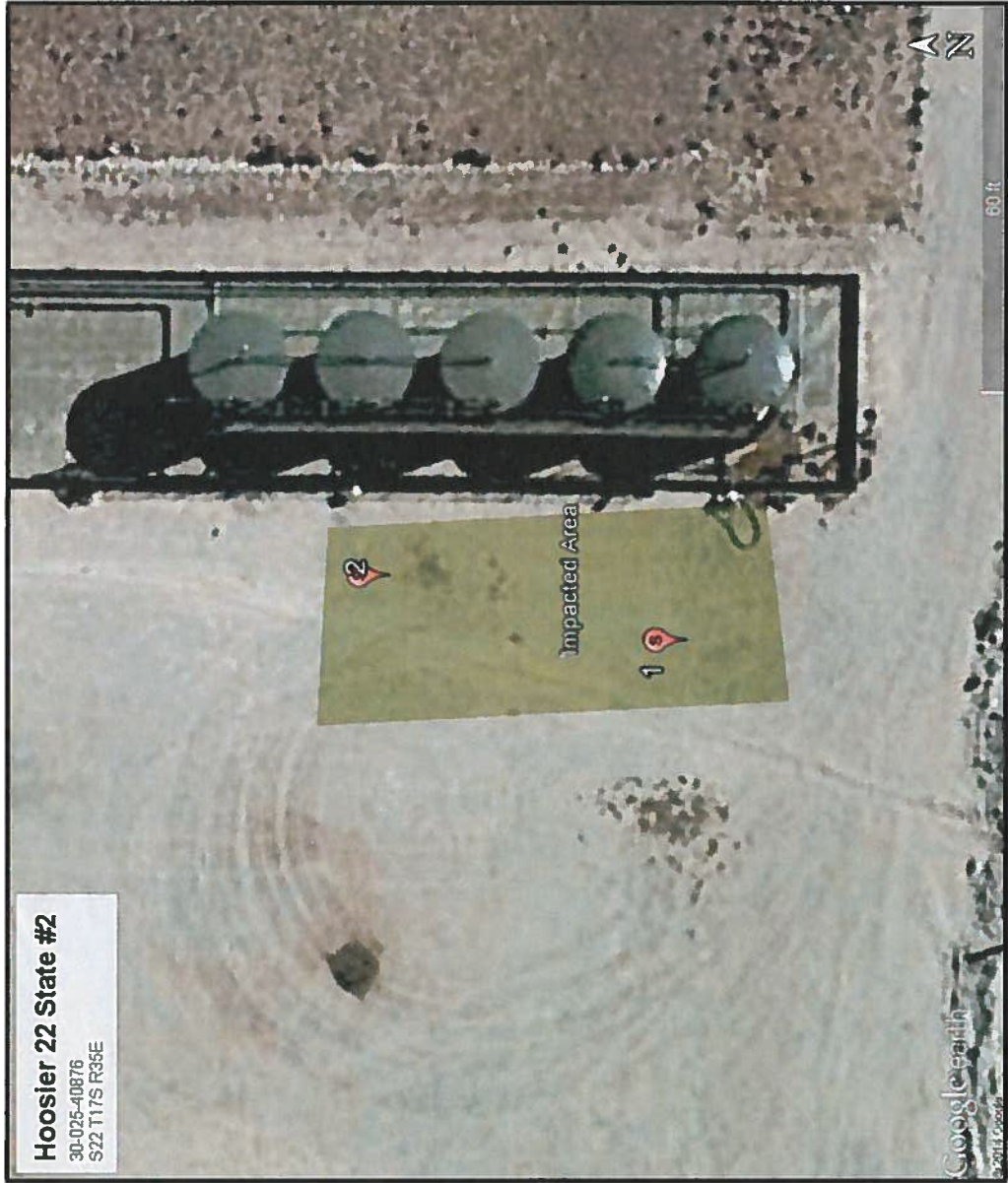
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OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor:		
Printed Name: Robert Grubbs Jr.			
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: rgrubbs@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 04-22-2014	Phone: 432-661-6601		

* Attach Additional Sheets If Necessary

Hoosier 22 State #2



Hoosier 22 State #2

30-025-40876
S22 T17S R35E

Site Ranking: Ten							
Depth to GW per SEO: 50'							
S1	BTEX	Cl-	GRO	DRO	TPH		
1'	<0.300	240	< 20.0	< 10.0	< 10.0		
2'		544					
S2	BTEX	Cl-	DRO	GRO	TPH		
1'	<0.300	816	< 20.0	14	14		
Bold values exceed RRALs per NMOCD							

August 06, 2014

AMANDA TRUJILLO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: HOOSIER 22 STATE #2

Enclosed are the results of analyses for samples received by the laboratory on 08/04/14 11:30.

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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 08/04/2014
Reported: 08/06/2014
Project Name: HOOSIER 22 STATE #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 08/04/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1 1' (H402379-01)

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	08/05/2014	ND	2.07	103	2.00	1.58	
Toluene*	<0.050	0.050	08/05/2014	ND	2.10	105	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/05/2014	ND	2.13	106	2.00	1.52	
Total Xylenes*	<0.150	0.150	08/05/2014	ND	6.66	111	6.00	3.49	
Total BTEX	<0.300	0.300	08/05/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/04/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<20.0	20.0	08/05/2014	10.1	199	99.4	200	1.66	
DRO >C10-C28	<10.0	10.0	08/05/2014	ND	212	106	200	2.11	

Surrogate: 1-Chlorooctane 94.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

Sample ID: S1 2' (H402379-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/04/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/04/2014
 Reported: 08/06/2014
 Project Name: HOOSIER 22 STATE #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/04/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2 1' (H402379-03)

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	08/05/2014	ND	2.07	103	2.00	1.58	
Toluene*	<0.050	0.050	08/05/2014	ND	2.10	105	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/05/2014	ND	2.13	106	2.00	1.52	
Total Xylenes*	<0.150	0.150	08/05/2014	ND	6.66	111	6.00	3.49	
Total BTEX	<0.300	0.300	08/05/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	08/04/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<20.0	20.0	08/05/2014	10.1	199	99.4	200	1.66	
DRO >C10-C28	14.0	10.0	08/05/2014	ND	212	106	200	2.11	

Surrogate: 1-Chlorooctane 96.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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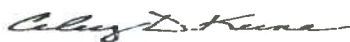
Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories***=Accredited Analyte**

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Celey D. Keene, Lab Director/Quality Manager

