



**Lupe Carrasco**  
Environmental Coordinator

November 6, 2014

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

**Re: Shawnee Federal Battery**  
**30-015-30628**  
**Sec. 15, T17S-R30E**  
**Eddy County, NM**

Mr. Mike Bratcher,

COG Operating LLC would like to submit the enclosed documents for closure of the Shawnee Federal Battery release reported on the C-141 Initial submitted October 2, 2014.

The release was due to a valve that was left slightly open on the circulating pump resulting in the release of 20 barrels of oil of which 18 barrels were recovered. The released fluid was contained within the berm facility. An initial excavation of 4-6" in depth was done within the impacted area with all impacted material hauled to an approved NMOCD facility.

The release area was sampled at depths of 1' and 2' for S1, S2, and S3 shown on the attached site diagram. Sample results for TPH and BTEX are within RRAL's for a site ranking of zero (depth to ground water >375' per Chevron Trend Map).

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Lupe Carrasco".

Lupe Carrasco  
Environmental Coordinator

Enclosed: Site Diagram  
Analytical Results  
C-141 Initial (Copy)  
C-141 Final

# Shawnee Federal Battery

August 8, 2014

**Sec 15, T17S-R30E**

Released: 20 B/O  
Recovered: 18 B/O

Legend

S1	GRO	DRO	TPH	BTEX
1'	ND	12.1	12.1	0.691
2'	ND	ND	ND	0.859
S2	GRO	DRO	TPH	BTEX
1'	ND	ND	ND	ND
2'	ND	ND	ND	ND
S3	GRO	DRO	TPH	BTEX
1'	ND	ND	ND	ND
2'	ND	ND	ND	ND

Electrical Panel/Conduits  
Water Transfer Pump &  
Associated Lines

Google earth







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

---

October 21, 2014

LUPE CARRASCO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: SHAWNEE FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 10/16/14 11:00.

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](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: 10/16/2014  
Reported: 10/21/2014  
Project Name: SHAWNEE FEDERAL #1  
Project Number: NONE GIVEN  
Project Location: NONE GIVEN

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: S1-1' (H403186-01)**

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	10/20/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<b>0.103</b>	0.050	10/20/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<b>0.187</b>	0.050	10/20/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<b>0.400</b>	0.150	10/20/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<b>0.691</b>	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	<b>12.1</b>	10.0	10/17/2014	ND	190	95.0	200	2.86	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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

**Analytical Results For:**

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

Received: 10/16/2014  
Reported: 10/21/2014  
Project Name: SHAWNEE FEDERAL #1  
Project Number: NONE GIVEN  
Project Location: NONE GIVEN

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: S1-2' (H403186-02)**

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	10/20/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<b>0.058</b>	0.050	10/20/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<b>0.252</b>	0.050	10/20/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<b>0.549</b>	0.150	10/20/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<b>0.859</b>	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	190	95.0	200	2.86	

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

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

**Analytical Results For:**COG OPERATING  
LUPE CARRASCO  
P. O. BOX 1630  
ARTESIA NM, 88210  
Fax To: NONEReceived: 10/16/2014  
Reported: 10/21/2014  
Project Name: SHAWNEE FEDERAL #1  
Project Number: NONE GIVEN  
Project Location: NONE GIVENSampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez**Sample ID: S2-1' (H403186-03)**

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	10/17/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<0.050	0.050	10/17/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<0.050	0.050	10/17/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<0.150	0.150	10/17/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<0.300	0.300	10/17/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	190	95.0	200	2.86	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

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

**Analytical Results For:**

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

Received: 10/16/2014  
Reported: 10/21/2014  
Project Name: SHAWNEE FEDERAL #1  
Project Number: NONE GIVEN  
Project Location: NONE GIVEN

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: S2-2' (H403186-04)**

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	10/17/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<0.050	0.050	10/17/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<0.050	0.050	10/17/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<0.150	0.150	10/17/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<0.300	0.300	10/17/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	190	95.0	200	2.86	

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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

**Analytical Results For:**

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

 Received: 10/16/2014  
 Reported: 10/21/2014  
 Project Name: SHAWNEE FEDERAL #1  
 Project Number: NONE GIVEN  
 Project Location: NONE GIVEN

 Sampling Date: 10/15/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: S3-1' (H403186-05)**

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	10/17/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<0.050	0.050	10/17/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<0.050	0.050	10/17/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<0.150	0.150	10/17/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<0.300	0.300	10/17/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	190	95.0	200	2.86	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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



**Analytical Results For:**

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

Received: 10/16/2014  
Reported: 10/21/2014  
Project Name: SHAWNEE FEDERAL #1  
Project Number: NONE GIVEN  
Project Location: NONE GIVEN

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: S3-2' (H403186-06)**

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	10/17/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<0.050	0.050	10/17/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<0.050	0.050	10/17/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<0.150	0.150	10/17/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<0.300	0.300	10/17/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	190	95.0	200	2.86	

Surrogate: 1-Chlorooctane 94.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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

---

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



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: Shawnee Federal Battery	Facility Type: Battery

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-30628
------------------------	------------------------	----------------------

**LOCATION OF RELEASE**

Unit Letter J	Section 15	Township 17S	Range 30E	Feet from the 1650'	North/South Line South	Feet from the 2310'	East/West Line East	County Eddy
------------------	---------------	-----------------	--------------	------------------------	---------------------------	------------------------	------------------------	----------------

Latitude N32 49.903' Longitude W103 57.542'

**NATURE OF RELEASE**

Type of Release: Oil	Volume of Release: 20 bbls	Volume Recovered: 18 bbls
Source of Release: Valve	Date and Hour of Occurrence: 9/21/2015 8:00 am	Date and Hour of Discovery: 9/21/2015 8:00 am
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 type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*


Describe Cause of Problem and Remedial Action Taken.\*

The release was caused by a valve on circulating pump. The valve was slightly opened resulting in the release. A vacuum truck was dispatched to recover all standing fluid.

Describe Area Affected and Cleanup Action Taken.\*

The release was contained inside the bermed area. A crew was dispatched to remove impacted soil. 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: 	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Amanda Trujillo	Approved by Environmental Specialist:		
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: <a href="mailto:atrujillo@concho.com">atrujillo@concho.com</a>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: October 2, 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: Shawnee Federal Battery	Facility Type: Battery	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-30628

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	15	17S	30E	1650'	South	2310'	East	Eddy

Latitude N32 49.903' Longitude W103 57.542'

#### NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 20 bbls	Volume Recovered: 18 bbls
Source of Release: Valve	Date and Hour of Occurrence: 9/21/2015 8:00 am	Date and Hour of Discovery: 9/21/2015 8:00 am
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 type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*


Describe Cause of Problem and Remedial Action Taken.\*

The release was caused by a valve on circulating pump. The valve was slightly opened resulting in the release. A vacuum truck was dispatched to recover all standing fluid.

Describe Area Affected and Cleanup Action Taken.\*

The release was contained inside the bermed area. A crew was dispatched to remove impacted soil. 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 Environmental Specialist:		
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: <a href="mailto:atrujillo@concho.com">atrujillo@concho.com</a>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: November 5, 2014	Phone: 575-748-6940		

\* Attach Additional Sheets If Necessary