



Amanda Trujillo Davis
Sr. Environmental Coordinator

June 22, 2016

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

APPROVED

**Re: Prickly Pear 6 Federal #4H
30-025-40778
Sec. 6, T20S-R35E
Lea County, NM**

Mr. Keyes/Mr. Arias,

COG Operating LLC would like to submit for your consideration the enclosed closure request for the above captioned well. The request is in response to the C-141 Initial report dated January 27, 2015.

This release was caused when a regulator froze up and caused the gas line to freeze resulting in the release of 20 barrels of oil of which 5 barrels of oil was recovered. The majority of the release remained in the flare containment, however, overspray from the flare misted the interim location on the pad as well as the pasture to the south east. The area impacted in the pasture was approximately 0.05 acres.

Vacuum trucks were immediately dispatched to recover standing fluid from the interim reclamation and the remaining impacted soil on location around the flare was scraped up and hauled off to the appropriate disposal facility. Microblaze was applied to the impacted area of the reclaim as well as the impacted portion of the pasture following the removal of standing fluid. The attached site diagram depicts the area impacted by the release along with the sampling points.

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS

Concho West | 2208 Main Street | Artesia, New Mexico 88210
PHONE 575.748.6940 | FAX 575.746.2096

Soil Assessment and Analytical Results

Below is a summary of the attached analytical results:

S1	BTEX	GRO	DRO	TPH	Cl-
Surf	<0.300	<10.0	<10.0	<10.0	<16.0
1'	<0.300	<10.0	<10.0	<10.0	<16.0
2'	<0.300	<10.0	<10.0	<10.0	<16.0
S2	BTEX	GRO	DRO	TPH	Cl-
Surf	<0.300	<10.0	<10.0	<10.0	<16.0
1'	<0.300	<10.0	<10.0	<10.0	<16.0

Request for Closure

COG Operating LLC proposes that no excavation or further work be required in the pasture or the interim reclamation based on the analytical results obtained.

If there are no objections or further stipulations, COG Operating LLC requests closure of the above captioned location. Please feel free to contact me with any questions or concerns.

Sincerely,



Amanda Trujillo Davis,

Sr. Environmental Coordinator

Enclosure(s):

Site Diagram
Analytical Results
C-141 Final

January 27, 2016

Prickly Pear 6 Federal #4H

API: 30-025-0077

Released: 20 bbls oil

Recovered: 5 bbls oil

Legend

- PRICKLY PEAR 6 FEDERAL #4H
- Release Area

S1	BTEX	GRO	DRO	TPH	GI-
Surf	<0.300	<10.0	<10.0	<10.0	<16.0
1'	<0.300	<10.0	<10.0	<10.0	<16.0
2'	<0.300	<10.0	<10.0	<10.0	<16.0
S2	BTEX	GRO	DRO	TPH	GI-
Surf	<0.300	<10.0	<10.0	<10.0	<16.0
1'	<0.300	<10.0	<10.0	<10.0	<16.0

PRICKLY PEAR 6 FEDERAL #4H



Google earth

200 ft



March 15, 2016

DAKOTA NEEL

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: PRICKLEY PEAR 6 FED BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/09/16 11:30.

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/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
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 03/09/2016
Reported: 03/15/2016
Project Name: PRICKLEY PEAR 6 FED BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/02/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1 - SURFACE (H600515-01)

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	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 73.6-140

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	

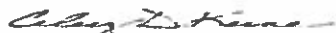
Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 117 % 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

Analytical Results For:

COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 03/09/2016
Reported: 03/15/2016
Project Name: PRICKLEY PEAR 6 FED BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/02/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1 - 1' (H600515-02)

BTX 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	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 99.2 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	

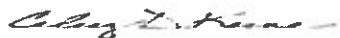
Surrogate: 1-Chlorooctane 99.2 % 35-147

Surrogate: 1-Chlorooctadecane 117 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 03/09/2016
Reported: 03/15/2016
Project Name: PRICKLEY PEAR 6 FED BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/02/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1 - 2' (H600515-03)
BTEX 80218

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.3 % 73.6-140

TPH 8015M

mg/kg

Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	

Surrogate: 1-Chlorooctane 106 % 35-147

Surrogate: 1-Chlorooctadecane 115 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 03/09/2016
Reported: 03/15/2016
Project Name: PRICKLEY PEAR 6 FED BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/02/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2 - SURFACE (H600515-04)

BTX 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	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 73.6-140

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	

Surrogate: 1-Chlorooctane 105 % 35-147

Surrogate: 1-Chlorooctadecane 121 % 28-171

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Analytical Results For:

COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 03/09/2016
Reported: 03/15/2016
Project Name: PRICKLEY PEAR 6 FED BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/02/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2 - 1' (H600515-05)
BTEX 80218
mg/kg
Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2016	ND	2.03	101	2.00	2.02	
Toluene*	<0.050	0.050	03/14/2016	ND	1.98	99.0	2.00	2.28	
Ethylbenzene*	<0.050	0.050	03/14/2016	ND	1.82	91.0	2.00	1.48	
Total Xylenes*	<0.150	0.150	03/14/2016	ND	5.59	93.2	6.00	2.13	
Total BTEX	<0.300	0.300	03/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 97.9 % 73.6-140

TPH 8015M
mg/kg
Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2016	ND	198	98.8	200	3.25	
DRO >C10-C28	<10.0	10.0	03/12/2016	ND	204	102	200	0.937	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 115 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

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: PRICKLY PEAR 6 FEDERAL #004H	Facility Type: Battery

Surface Owner: Federal	Mineral Owner:	API No. 30-025-40778
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LOCATION OF RELEASE

Unit Letter D	Section 6	Township 20S	Range 35E	Feet from the 270'	North/South Line North	Feet from the 1130'	East/West Line West	County Lea
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Latitude 32.608902 Longitude -103.5016174

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 20 bbls Oil	Volume Recovered: 5 bbls Oil
Source of Release: Flare	Date and Hour of Occurrence: 1/27/2016 9:00 am	Date and Hour of Discovery: 1/27/2016 9:00 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 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 when a regulator froze and a supply gas line froze causing oil to be sent to flare. A vacuum truck was dispatched to recover fluid from flare containment.

Describe Area Affected and Cleanup Action Taken.*

This release impacted the interim reclamation on the pad. Remediation was completed under the guidance of NMOCD and the Bureau of Land Management.

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 Davis	Approved by Environmental Specialist: 		
Title: Senior Environmental Coordinator	Approval Date: 06/27/2016	Expiration Date: ///	
E-mail Address: atrujillo@concho.com	Conditions of Approval: ///		Attached <input type="checkbox"/> IRP 4219
Date: June 22, 2016	Phone: 575-748-6930		

* Attach Additional Sheets If Necessary