Initial Sampling Data

Vertical 1

Depth	Cl-	PID	GRO	DRO	B	T	E	X	Total
3'	1457	171.8							
3.5'	953	1810							
4'	294	2801							
4.5'	271	1210							
5'	128	945	408	2420	<0.05	7.4	5.47	13.5	26.7
5.5'	<16	21.2	<10	<10	<0.05	<0.05	<0.05	<0.15	<0.3

Vertical 2

Depth	Cl-	PID	GRO	DRO	B	T	E	X	Total
3'	<16	78.2	<10	67.6	<0.05	<0.05	<0.056	0.214	<0.3

Legend

- SAMPLE POINT
- WELLHEAD
- STEEL FLOW LINE
- EXCAVATION @ 3 FT
- EXCAVATION @ 5.5 FT
- STAIN (1,000 sq ft)

Cl- FIELD DATA

Cl- LAB DATA

Landowner: BLM
DGW: 82 ft

Basin Environmental Service Technologies
Effective Solutions

CONOCOPHILLIPS
MCA #173

1RP-3646

UL I SECTION 29
T-17-S R-32-E
LEA COUNTY, NM

Underground facilities are spatially projected and need to be field verified.

GPS: 32.804112 -103.783014

0 25 50 Feet

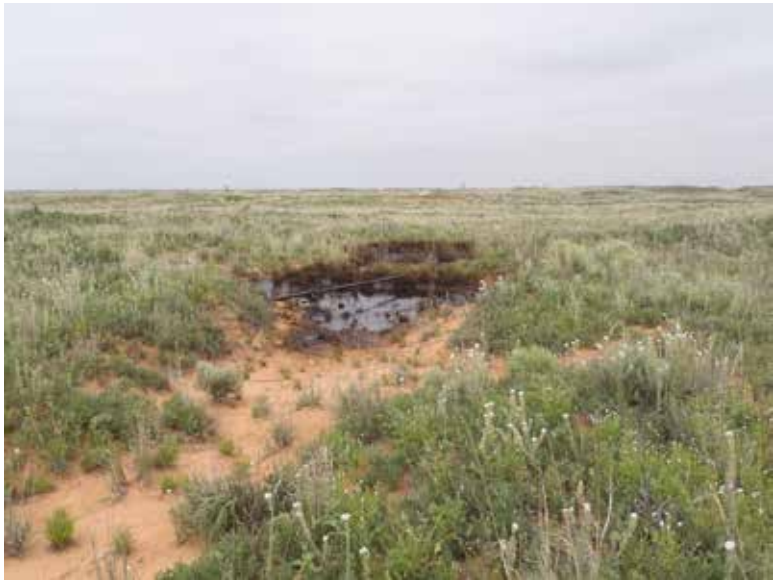
N W E S

Drawing date: 2/29/16
Drafted by: L. Weinheimer, T. Grieco

ConocoPhillips MCA #173

Unit Letter 1, Section 29, T17S, R32E

Initial Site Photo, Facing South East 5/20/15

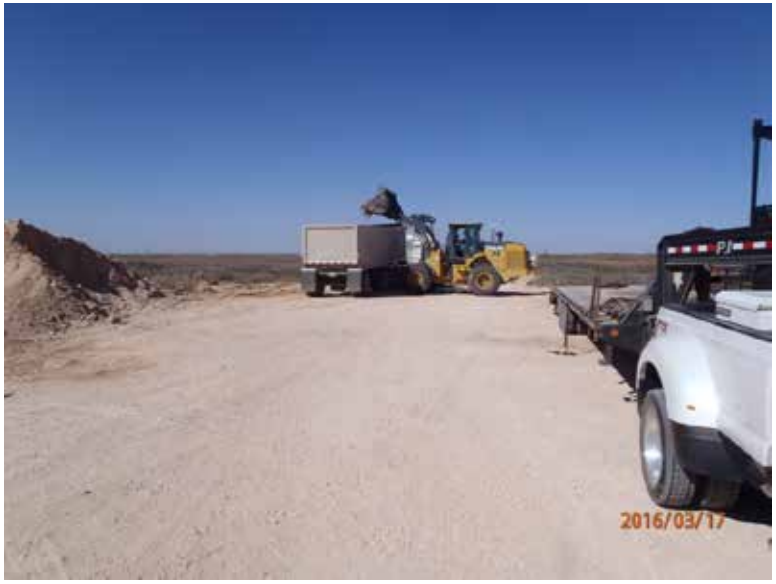


Initial Site Photo, Facing North West 5/20/15

Site Excavated To 3', Facing South East 2/17/16

Installing Vertical 1, Facing East 3/17/16

Excavating Leak Area, Facing South East 3/17/16



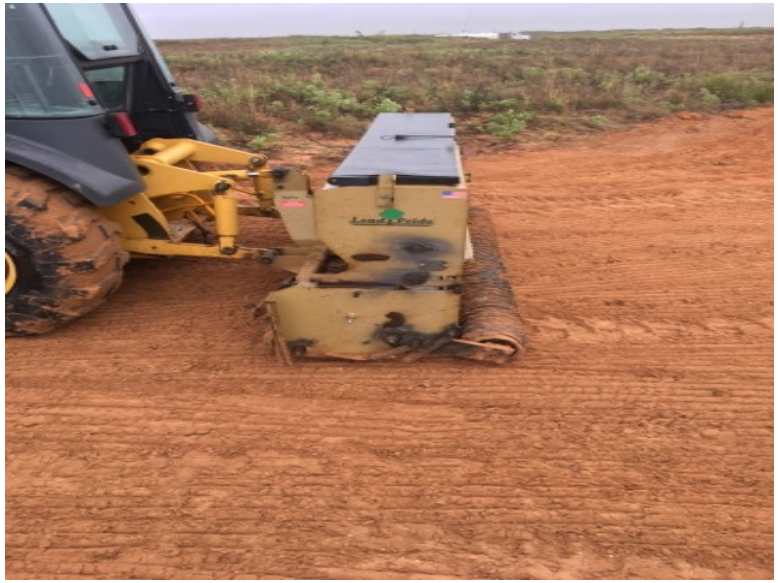
Exporting Soil, Facing West 3/17/16

Site Excavated, Facing South East 3/28/16

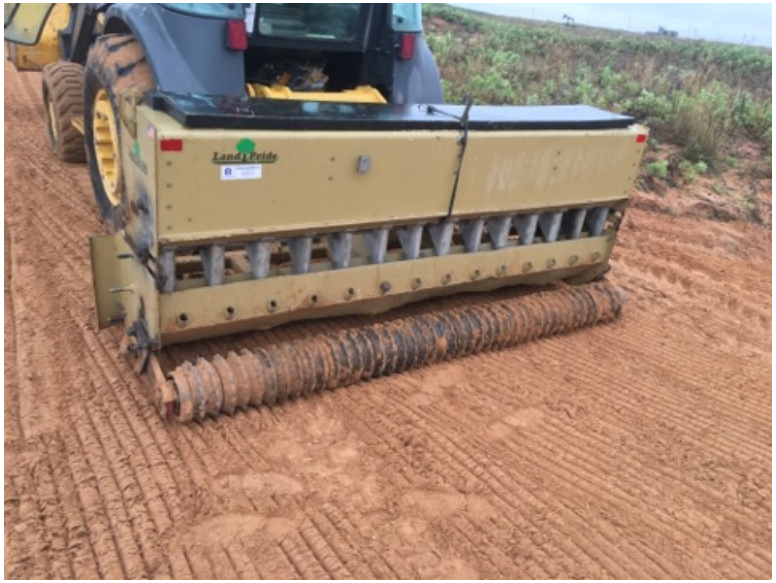
Backfilling site, Facing South East 4/12/16

Importing Soil, Facing South 4/12/16

Backfill Complete, Facing South East 4/13/16



Seeding Site, Facing South 4/19/16



Seeding Site, Facing South West 4/19/13

CARDINAL Laboratories

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

February 26, 2016

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA #173

Enclosed are the results of analyses for samples received by the laboratory on 02/25/16 16:40.

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 accreditated 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

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	02/25/2016	Sampling Date:	02/17/2016
Reported:	02/26/2016	Sampling Type:	Soil
Project Name:	MCA #173	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: PT. 1 @ 5' (H600427-01)

BTEX 8021B mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2016	ND	2.06	103	2.00	0.0598	
Toluene*	**7.48**	0.050	02/26/2016	ND	2.03	101	2.00	0.159	
Ethylbenzene*	**5.47**	0.050	02/26/2016	ND	1.82	90.8	2.00	0.254	
Total Xylenes*	**13.5**	0.150	02/26/2016	ND	5.58	92.9	6.00	0.718	
Total BTEX	**26.4**	0.300	02/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *178 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/26/2016	ND	448	112	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	**408**	50.0	02/26/2016	ND	198	98.8	200	7.73	
DRO >C10-C28	**2420**	50.0	02/26/2016	ND	208	104	200	14.9	

Surrogate: 1-Chlorooctane *134 %* *35-147*

Surrogate: 1-Chlorooctadecane *133 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	02/25/2016	Sampling Date:	02/17/2016
Reported:	02/26/2016	Sampling Type:	Soil
Project Name:	MCA #173	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: PT. 2 @ 3' (H600427-02)

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	02/26/2016	ND	2.06	103	2.00	0.0598	
Toluene*	<0.050	0.050	02/26/2016	ND	2.03	101	2.00	0.159	
Ethylbenzene*	**0.056**	0.050	02/26/2016	ND	1.82	90.8	2.00	0.254	
Total Xylenes*	**0.214**	0.150	02/26/2016	ND	5.58	92.9	6.00	0.718	
Total BTEX	<0.300	0.300	02/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/26/2016	ND	448	112	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	<10.0	10.0	02/26/2016	ND	198	98.8	200	7.73	
DRO >C10-C28	**67.6**	10.0	02/26/2016	ND	208	104	200	14.9	

Surrogate: 1-Chlorooctane *101 %* *35-147*

Surrogate: 1-Chlorooctadecane *110 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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

Celey D. Keene, Lab Director/Quality Manager

Rush!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: ConocoPhillips	**BILL TO**
Project Manager: Kyle Norman	**P.O. #:**
Address: 419 W Cain	**Company:** Basin
City: Hobbs **State:** NM **Zip:** 88240	**Attn:**
Phone #: 575-393-2967 **Fax #:** 575-393-0293	**Address:** 419 W Cain
Project #: **Project Owner:**	**City:** Hobbs
Project Name: MCA #173	**State:** NM **Zip:** 88240
Project Location:	**Phone #:** 575-393-2967
Sampler Name: JKamplain	**Fax #:** 575-393-0293

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS							
H600427																											
1	Pit @ 5'	G	1			1					1		2-17-16	1:00	—	—	—										
2	Pit 2 @ 3'	G	1			1					1			1:30	—	—	—										

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 2-25-16 **Time:** 4:40	**Received By:** Jodi Henson	**Phone Result:** ☐ Yes ☑ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**Fax Result:** ☐ Yes ☑ No **Add'l Fax #:**
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.0°c	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)**	**REMARKS:** email results: knorman@basinenv.com; jkamplain@basinenv;

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

CARDINAL Laboratories

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

March 30, 2016

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA #173

Enclosed are the results of analyses for samples received by the laboratory on 03/29/16 14:05.

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 accreditated 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

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	03/29/2016	Sampling Date:	03/28/2016
Reported:	03/30/2016	Sampling Type:	Soil
Project Name:	MCA #173	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: PT. 1 @ 5.5' (H600658-01)

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	03/29/2016	ND	2.07	104	2.00	5.25	
Toluene*	<0.050	0.050	03/29/2016	ND	1.96	97.8	2.00	7.05	
Ethylbenzene*	<0.050	0.050	03/29/2016	ND	1.72	85.9	2.00	8.63	
Total Xylenes*	<0.150	0.150	03/29/2016	ND	5.28	87.9	6.00	8.62	
Total BTEX	<0.300	0.300	03/29/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *73.6-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/30/2016	ND	400	100	400	7.69	

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	03/30/2016	ND	176	88.2	200	6.12	
DRO >C10-C28	<10.0	10.0	03/30/2016	ND	166	83.1	200	12.3	

Surrogate: 1-Chlorooctane *80.2 %* *35-147*

Surrogate: 1-Chlorooctadecane *92.4 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

Celey D. Keene, Lab Director/Quality Manager

Rush!!

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name:	ConocoPhillips	**BILL TO**	
Project Manager:	Kyle Norman	**P.O. #:**	
Address:	419 W Cain	**Company:**	Basin
City:	Hobbs	**State:** NM **Zip:** 88240	**Attn:**
Phone #:	575-393-2967	**Fax #:** 575-393-0293	**Address:** 419 W Cain
Project #:		**Project Owner:**	**City:** Hobbs
Project Name:	MCA #193		**State:** NM **Zip:** 88240
Project Location:			**Phone #:** 575-393-2967
Sampler Name:	JKamplain		**Fax #:** 575-393-0293

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST										
Lab I.D.	**Sample I.D.**	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS					
H6000658																									
1	PH1 @ 5.5'	G	1			✓					✓		3-28-16		✓	✓	✓								

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 3-29-16 **Time:** 2:05	**Received By:**	Phone Result: ☐ Yes ☑ No Add'l Phone #:
Relinquished By:	**Date:** **Time:**	**Received By:**	Fax Result: ☐ Yes ☑ No Add'l Fax #:
			REMARKS: email results: knorman@basinenv.com; jkamplain@basinenv;

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -11.6°C

Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No

CHECKED BY: (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

CARDINAL Laboratories

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

April 21, 2016

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: MCA #173

Enclosed are the results of analyses for samples received by the laboratory on 04/18/16 16:25.

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 accreditated 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

CARDINAL Laboratories

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

Analytical Results For:

BASIN ENVIRONMENTAL - HOBBS
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 393-0293

Received:	04/18/2016	Sampling Date:	04/12/2016
Reported:	04/21/2016	Sampling Type:	Soil
Project Name:	MCA #173	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	COP		

Sample ID: IMPORTED SOIL (H600838-01)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	04/20/2016	ND	416	104	400	8.00	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: ConocoPhillips	**BILL TO**
Project Manager: Kyle Norman	**P.O. #:**
Address: 419 W Cain	**Company:** Basin
City: Hobbs **State:** NM **Zip:** 88240	**Attn:**
Phone #: 575-393-2967 **Fax #:** 575-393-0293	**Address:** 419 W Cain
Project #: **Project Owner:**	**City:** Hobbs
Project Name:	**State:** NM **Zip:** 88240
Project Location: MCA #173	**Phone #:** 575-393-2967
Sampler Name: JKamplain	**Fax #:** 575-393-0293

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS							
H600238-01	Imported soil	G	1			✓					✓		4-12-16	1:00	✓												

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 the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	**Date:** 4/13/16 **Time:** 4:25	**Received By:**	**Phone Result:** ☐ Yes ☑ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**Fax Result:** ☐ Yes ☑ No **Add'l Fax #:**
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	6.4°C Corrected -6.3°C	**Sample Condition** Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	**CHECKED BY: (Initials)** CK #54

REMARKS:

email results:
knorman@basinenv.com; jkamplain@basinenv;

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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

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

RECEIVED
By JKeyes at 1:47 pm, May 10, 2016

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: **ConocoPhillips**	Contact: **Jose A Zepeda**
Address: **29 Vacuum Complex Lane**	Telephone No. **575-391-3165**
Facility Name: **MCA #173**	Facility Type: **Well**

Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-00762

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	29	17S	32E	1980	North	660	East	Lea

Latitude 32.8037737893633,- **Longitude** 103.782202084488

NATURE OF RELEASE

Type of Release: **Spill**	Volume of Release: 1bbl of oil & 59 bbl of PW	Volume Recovered: 1 bbl of oil & 55 bbls of PW
Source of Release: **Flow Line**	Date and Hour of Occurrence **05/19/2015 2:00 pm**	Date and Hour of Discovery **5/19/2015 2:00 pm**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Oberding, Tomas/ Kellie Jones- NMOCD & James A Amos/ Jeffery L Robertson-BLM**	
By Whom? **Jay Garcia**	Date and Hour: **12/18/2014 ~1300**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*
ENV – Agency Reportable - 1 BO & 59 BPW – MCA 173- RR II-MCBU- Buckeye:
On Tuesday May 19, 2015 at 1400 MDT, at MCA 173 in Maljamar, a flow line leak was found by air patrol during normal surveillance resulting in a release of 1bbl oil and 59 bbls of produced water recovered. The affected area will be remediated according to NMOCD & BLM and COPC guidelines.

Describe Area Affected and Cleanup Action Taken.* Initial spill occurred on April 20th, 2015. CoP excavated leak area to a depth of 3' to keep migration of spill to a minimum. On February 17th, 2016 Basin Env. Arrived on site and took 2 samples from the base of 3' excavation. Point1 was then hand augured to a depth of 5'. Samples from both point 1 & 2 were then sent to a commercial laboratory for analysis. Point 1 @ 5' returned a chloride value of 128 mg/kg, GRO of 408 mg/kg, DRO of 2420 mg/kg and a BTEX of 26.7 mg/kg. Point 2 @ 3' returned a chloride value of <16 mg/kg, GRO of <10 mg/kg, DRO of 67.6 mg/kg and a BTEX of <0.3 mg/kg. On March 17th, 2016 a vertical was installed at point 1 and a sample was collected from 5.5' and sent to a laboratory for analysis. Point 1 @ 5.5' returned a chloride value of <16 mg/kg, a TPH of <10 mg/kg and a BTEX of <0.3 mg/kg. On April 1st, 2016 a request to backfill site was sent to NMOCD and BLM. Basin received backfill approval from NMOCD on April 5th, 2016 and from BLM on April 7th, 2016. Approximately 300 yards was exported to a NMOCD approved facility. On April 13th, 2016 approximately 300 yards was imported to location. A sample of the imported soil was collected and taken to a commercial laboratory for analysis. The imported sample returned a chloride value of 80.0 mg/kg. Site was backfilled using imported soil and contoured to the surrounding area. On April 19th, 2016 site was seeded with native vegetation.

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: Robert Dobbs	OIL CONSERVATION DIVISION Approved by Environmental Specialist:	
Printed Name: Robert Dobbs		
Title: ~~LEAD HSE~~ SENM Surface Projects Supervisor	Approval Date: 05/10/2016	Expiration Date: ///
E-mail Address: Robert.A.Dobbs@conocophillips.com	Conditions of Approval: Ensure BLM concurrence/approval.	Attached ☐ 1RP 3646
Date: 5/6/2016 Phone: 281-455-0821		

* Attach Additional Sheets If Necessary