

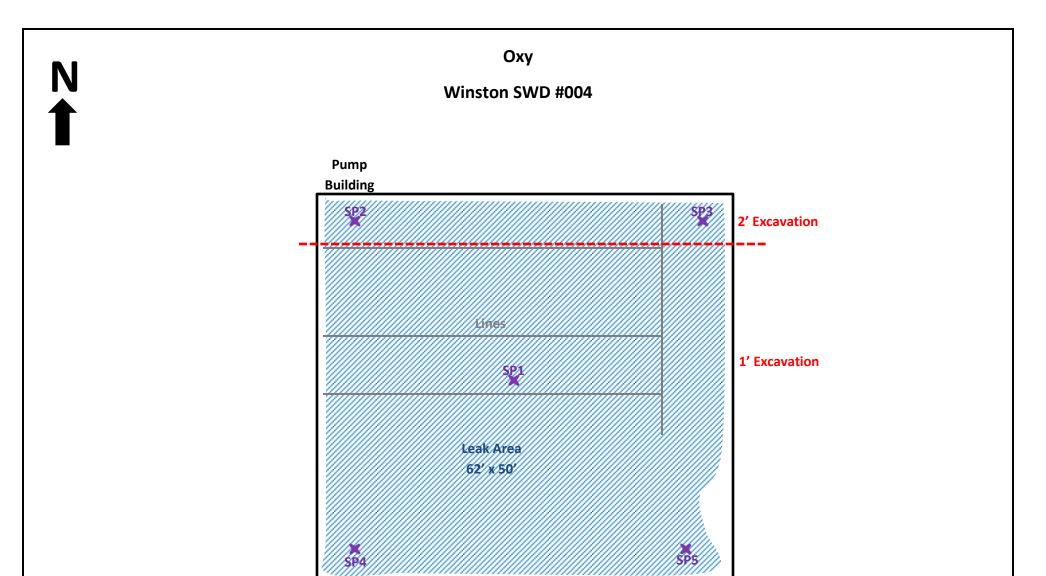
PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805 E-MAIL: cbrunson@bbcinternational.com

OXY – WINSTON SWD #004

REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The spill area near sample points SP1, SP4, and SP5 will be excavated to a depth of 1 foot. In the area of sample points SP2 and SP3, 2 feet will be excavated. The entire site will be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



U/L E, Section 31, T21S, R24E

Eddy County, NM

N 32.43829° W 104.54519°

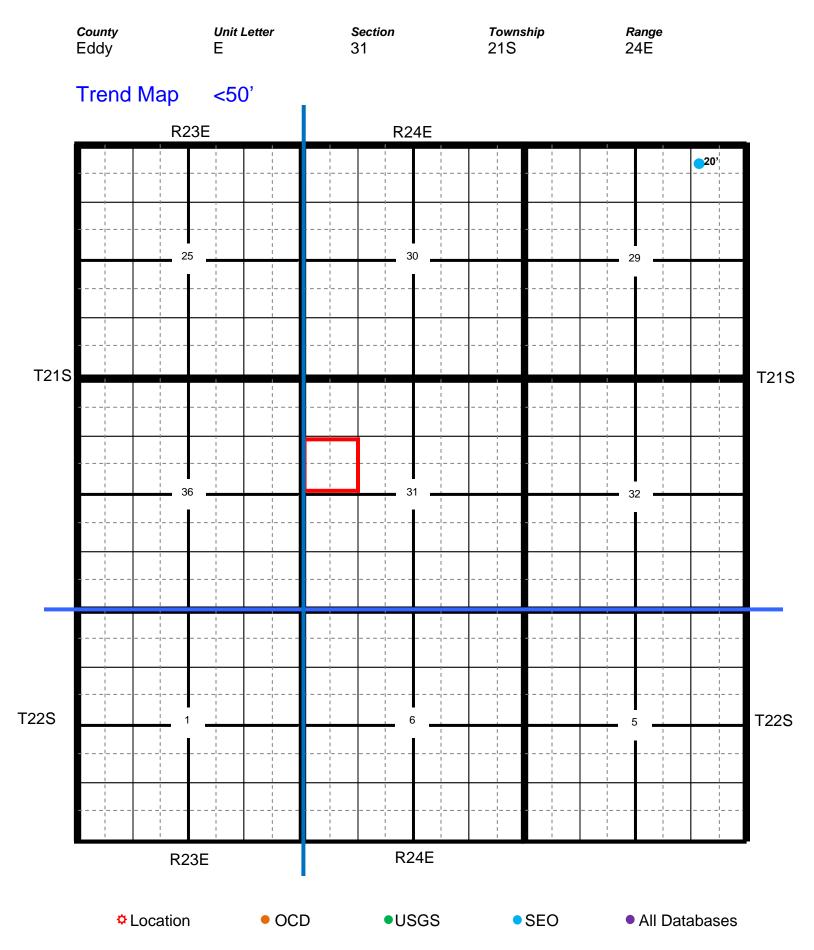
API# 30-015-30337

BBC International, Inc.						
Оху						
Winston SWD #004						
Date: 12/24/2015	DRWG by: K. Purvis					
NOT TO SCALE	File: Oxy 2015					



Groundwater Plot

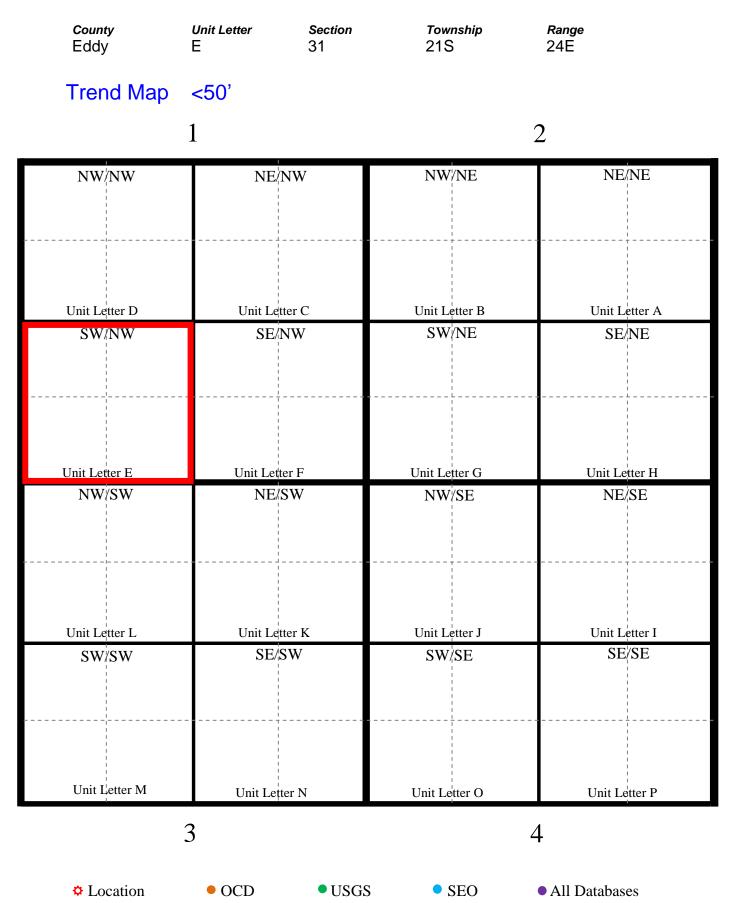
Oxy Winston SWD #4





Section Quarters

Oxy Winston SWD #004



Laboratory Analytical Results Summary Winston SWD #4

		Sample	SP1 @ SURFACE	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	1/25/16	1/25/16	1/25/16
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		24400	240	96

		Sample	SP2 @ SURFACE	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	1/25/16	1/25/16	1/25/16	1/25/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		23600	4560	160	176

		Sample	SP3 @ SURFACE	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	1/25/16	1/25/16	1/25/16	1/25/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		12000	9800	240	208

		Sample	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	1/25/16	1/25/16	1/25/16	1/25/16	1/25/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		12600	272	256	176	176

		Sample	SP5 @ SURFACE	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'
Analyte	Method	Date	1/25/16	1/25/16	1/25/16	1/25/16	1/25/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		31600	880	256	160	144



January 29, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WINSTON #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 01/27/16 11:48.

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 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. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	01/27/2016	Sampling Date:	01/25/2016
Reported:	01/29/2016	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ SURFACE (H600193-01)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 1 @ 2' (H600193-02)

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	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 1 @ 3' (H600193-03)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 2 @ SURFACE (H600193-04)

Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23600	16.0	01/29/2016	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	01/27/2016	Sampling Date:	01/25/2016
Reported:	01/29/2016	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 2 @ 2' (H600193-05)

Chloride, SM4500Cl-B	mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 2 @ 3' (H600193-06)

Chloride, SM4500Cl-B	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 2 @ 4' (H600193-07)

Chloride, SM4500Cl-B	ride, SM4500Cl-B mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 3 @ SURFACE (H600193-08)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 3 @ 2' (H600193-09)

Chloride, SM4500Cl-B	de, SM4500Cl-B mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	01/29/2016	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	01/27/2016	Sampling Date:	01/25/2016
Reported:	01/29/2016	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 3' (H600193-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 3 @ 4' (H600193-11)

Chloride, SM4500Cl-B	Analyze	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 4 @ SURFACE (H600193-12)

Chloride, SM4500Cl-B mg/kg			Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 4 @ 1' (H600193-13)

Chloride, SM4500Cl-B	mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 4 @ 2' (H600193-14)

Chloride, SM4500Cl-B	4500Cl-B mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/29/2016	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	01/27/2016	Sampling Date:	01/25/2016
Reported:	01/29/2016	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 4 @ 3' (H600193-15)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result Reporting Limit Ar		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 4 @ 4' (H600193-16)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 5 @ SURFACE (H600193-17)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	31600	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 5 @ 2' (H600193-18)

Chloride, SM4500Cl-B	Analyze	d By: AP							
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 5 @ 3' (H600193-19)

Chloride, SM4500Cl-B	Analyze	d By: AP							
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/29/2016	ND	416	104	400	3.77	

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Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	01/27/2016	Sampling Date:	01/25/2016
Reported:	01/29/2016	Sampling Type:	Soil
Project Name:	WINSTON #4 SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CARLSBAD, NM		

Sample ID: SP 5 @ 4' (H600193-20)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result Reporting Limit A		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/29/2016	ND	416	104	400	3.77	

Sample ID: SP 5 @ 5' (H600193-21)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Analyte Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/29/2016	ND	416	104	400	3.77	

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Celeg D. Keine

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

P.O. #:
Address: F.O. DOA DOA State: NM Zip: 88241 Attn:
5-397-6388 Fax #: 575-397-
Project C
ame: Winston a
m: Indian Basin
Joff Ornelal Fax#:
MP.
G)RAB OR (C) # CONTAINERS GROUNDWATE SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE ICE / COOL OTHER : ACID/BASE ICE / COOL OTHER : ACID/BASE ICE / COOL
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Delivered By: (Circle One) Sample Condition CHECKED BY: Sampler - UPS - Bus - Other: - 8.80 Cool Intact Cool Intact

Page 8 of 10

P	CHAIN-OF-CUSTODY AND ANALYSIS REQUESI
101 East Marland, Hobbs, NM 88240	
5	ANALYSIS REQUEST
	Company:
Address: F.O. DOA DOA City: Hobbs State: NM Zip: 88241	Attn:
5-397-6388 💉 🛛 🗛 #: 575-	Address:
Project O	City:
Project Name: Wincton SWD #4	State: Zip:
Project Incation: Indian RESIN	Phone #:
Sampler Name:	Fax #:
FOR LAB USE ONLY	PRESERV. SAMPLING
Sample I.D. B OR (C)OMP TAINERS INDWATER EWATER	R : BASE: COOL
# CON GROU WAST SOIL OIL	
Sp304	
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19 4 9 17 1	
msost	
	8 V 320 X
exclusive remedy for any cla	inn arising whether based in contract or tort, shall be limited to the amount paid by the client for the limited to the amount paid by the client for the applicable
service. In no events shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption service. In no events shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption affiates or successor arising out of or related to the performance of service here under by Cardinal, resardless of whether such cit affiates or successor arising out of or related to the performance of service here under by Cardinal, resardless of whether such cit affiates or successor arising out of or related to the performance of service here under the Cardinal, resardless of whether such cit affiates of the constraints of	Including without limitation, business interruptions, loss of use, or loss of provins invariance without installing without limitation, business of use, or loss of provins invariance without proving and the above stated reasons or otherwise.
Af June 2 Time 28 (Out)	
Time:	
Delivered By: (Circle One) Sample Condition Sampler - UPS - Bus - Other: 9,900 Cool Intact Cool Intact	Condition CHE¢KGD BY:
+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	to 505-393-2416
	#54

Page 9 of 10

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	Delivered By: (Circle One) Sample Condition Sampler - UPS - Bus - Other: -9,82 No No	Relinquished By: Time:	1-22 7-16	service. In no event shall Cardinal be liable for incogenial or consequences hereunder by Cardinal, repardless of whether suc- affiliales or successors arising out of or related to the performance of services hereunder by Cardinal, repardless of whether suc-	rdinal's liability and client's exclusive ren igence and any other cause whatsoever	· · · · · · · · · · · · · · · · · · ·				21 SpSOS 61 X	. # (Gl W	i)RAE CON ROU /AST	TAIN	ATER		Text Quelas	Project Location: Indian BESIN	Project Name: Winston SUD #4	Project #: Project Owner:	Phone #: 575-397-6388 Fax #: 575-397-0397	State: N		Project Manager: Cliff Brunson	Company Name: BBC International, Inc.	I CT	101 East Marland, Hobbs, NM 88240	7
changes to 505-393-2476	Condition CHECKED BY: ntact (Mittidus) Ares (Mittidus) No		□ Yes	Yes No	neg/ for any caun arising wretter used in writing and conversion of the applicable shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable including without limitation, business interruptions, loss of profits incurred by client, its subsidiaries.	contrast or tort shall be limited to the amount paid by the client for the				× 1.55 52.1 ×		THE CID/	R : BASE COOL		X PRESERV SAMIFLING	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Company:					CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Oil Conservation Division

Form C-141 Revised August 8, 2011

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Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

District IV	1000 C (P) Energia (N) Commun. NIX 607605					n St. France, NM 87:		·				
Release Notification and Corrective Action												
						OPERA			ial Report	[]	Final Report	
Name of Company Oxy Permian Ltd.						Contact Casey Summers					· · · · · · · · · · · · · · · · · · ·	
Address 6 Desta Drive, Midland, TX 79705 Facility Name Winston SWD #004						Telephone No. (575) 513-8289						
Surface Owner BLM Mineral Owner						API No. 30-15-30337						
LOCATION OF RELEASE												
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West Line	County			
E	31	218	24E						Eddy Cour	nty, NN	A	
Latitude <u>N 32.43829°</u> Longitude <u>W 104.54519°</u>												
NATURE OF RELEASE												
Type of Rele	ase Produ	iced water				Volume of	Release		Volume Recovered			
Source of Release Corrosion of an intake pipe in the pump building									d Hour of Discovery			
Was Immediate Notice Given?						If YES, To Whom?						
By Whom? Kathy Purvis @ BBC International						Date and Hour 12/11/2015 @ 11:57 am						
Was a Watercourse Reached?						If YES, Volume Impacting the Watercourse.						
If a Watercourse was Impacted, Describe Fully.*												
Describe Cause of Problem and Remedial Action Taken.* Corrosion of an intake pipe in the pump building caused 11 bbls of produced water to leak onto the ground. No fluids were recovered and the pipe was repaired or replaced.												
Describe Area Affected and Cleanup Action Taken.*												
The affected area is approximately 62' x 50' inside the pump building. Remediation will be completed in accordance with a remediation plan approved by both NMOCD and the 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.												
// /						OIL CONSERVATION DIVISION						
Signature:						Approved by Environmental Specialist:						
Printed Name: Casey Summers Title: NM Environmental Advisor						Approval Date: Expiration Date:						
						••		Expiration .	Expiration Date:			
E-mail Address: Casey Summers@oxy.com						conditions of	Approval:					
Date: 2	-128-	15	Phone:	(575) 513-828	39							

* Attach Additional Sheets If Necessary

. ____ . ___

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