# **REVIEWED**

By OCD District 1 at 8:50 am, May 19, 2015

# **Closure Report**

# **APPROVED**

By OCD District 1 at 8:50 am, May 19, 2015

Site Description						
Site Name:	Antelope Ridge #4 SWD Battery					
Company:	Oxy Permian Ltd.					
Legal Description:	U/L L, Section 34, T23S, R34E					
County:	Lea County, NM					
GPS Coordinates:	N 32.25882° W 103.64635°					

Release Data						
Date of Release:	07/14/2014					
Type of Release:	Produced water					
Source of Release:	Vibration caused a transmitter on the triplex pump to break					
Volume of Release:	480 bbls					
Volume Recovered:	0 bbls					

Remediation Specifications						
Remediation Parameters:	Backdrag the areas around SP1, SP2, SP3, & SP4. Excavate to a depth of 2 feet in the areas of SP5, and SP6 and place an appropriate liner in the excavation. Backfill the excavations with clean soil.					
Remediation Activities:	03/30/2015 to 04/29/2015					

Plan Sent to OCD:	10/22/2014	Email from Cliff Brunson to Tomas Oberding
OCD Approval of Plan:	10/22/2014	Email from Tomas Oberding to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation					
Initial C-141	Signed 07/16/2014				
Final C-141	Signed 04/30/2015				
Site Diagram	July 2014				
Groundwater Plot	275'				
TOPO Maps	July 2014				
Lab Summary	09/24/2014				
Lab Analysis	09/24/2014				
Correspondence	Request and approval of remediation plan via email				

# **Request for Closure**

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc. 05/08/2015

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 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

Revised October 10, 2003

Form C-141

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

# Release Notification and Corrective Action

	ner TION	Telephone N										
Facility Name Antelope Ridge 4 SWD Battery  Surface Owner State Mineral Own  LOCAT  Unit Letter Section Township Range Feet from the N	ner TION	Facility Typ	<del>////</del>									
Surface Owner State Mineral Own  LOCAT  Unit Letter Section Township Range Feet from the N	ner TION	OF REI	e Gathering					Telephone No. (575) 397-8216				
Unit Letter   Section   Township   Range   Feet from the   N	TON					Facility Type Gathering						
Unit Letter Section Township Range Feet from the N			•		API No	o. 30-025-2	1037					
Unit Letter Section Township Range Feet from the N			TASE	,		-			·			
L 34 23S 34E		SOURI LIRE 1	Feet from the	East/We	st Line	County						
L 34 238 34E												
I -44 J- NI 20 050		<b>T</b> •/	1. W. 102 4646			Lea						
Latitude N 32.258		_	de <u>W 103.4646</u> FASIE	<u> </u>								
Type of Release Produced water Volume of Release 480 bbls Volume Recovered 0 bbls												
Source of Release Vibration caused a transmitter on the triplex pumbreak	np to	<del></del> -	our of Occurrence			Hour of Dis						
Was Immediate Notice Given?   ☐ Yes ☐ No ☐ Not Requ	ired	If YES, To	Whom? rding, NMOCD									
By Whom? Kathy Purvis, BBC International			our 07/15/2014 (	@ 2:41 pm	<u> </u>							
Was a Watercourse Reached? ☐ Yes ☒ No		If YES, Volume Impacting the Watercourse.										
If a Watercourse was Impacted, Describe Fully.*												
Describe Cause of Problem and Remedial Action Taken.*  Vibration caused a transmitter on the triplex pump to break spilling 4 transmitter was replaced.	180 ББ	ls of produce	d water on the gr	ound. No	fluids w	ere recovere	d and t	he				
Describe Area Affected and Cleanup Action Taken.*												
The affected area is approximately 4' x 300' on and off location. Ren NMOCD.	mediat	ion will comp	oleted in accorda	nce with a	remedia	tion plan app	roved	by				
I hereby certify that the information given above is true and complete regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report is should their operations have failed to adequately investigate and remove the environment. In addition, NMOCD acceptance of a C-141 reported federal, state, or local laws and/or regulations.	ase no by the ediate	tifications and NMOCD ma contamination	d perform correct rked as "Final Re n that pose a thre	tive actions eport" does eat to group	s for rele s not reli nd water	eases which to eve the oper to surface war	nay en ator of er, hu	dange liabili nan he	r ty ealth			
Signature:			OIL CONS	SERVA'	TION	DIVISIO	N					
Printed Name: Chancey Summers Approved by District Supervisor:												
Title: HES Advisor	A	pproval Date	:	Ехр	iration I	Date:						
E-mail Address: Chancey.Summers@oxy.com  Date: 7 - 1 4 - 1 4 Phone: (575) 397-8216  Attach Additional Sheets If Necessary	С	Conditions of Approval:  Attached										

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

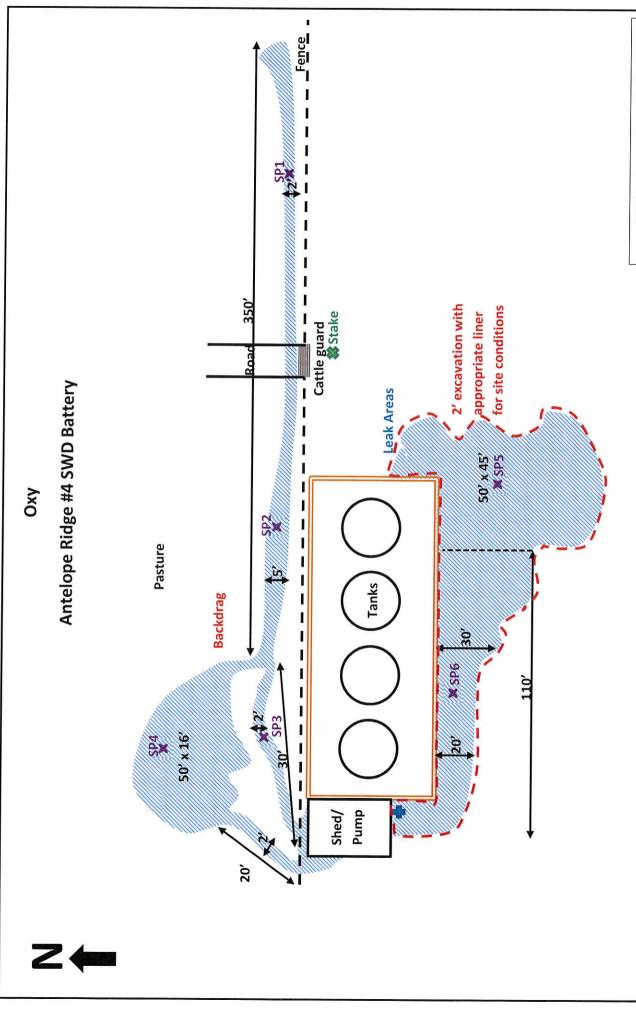
# State of New Mexico Energy Minerals and Natural Resources

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.

			Rele	ease Notific	catio:	n and Co	orrective A	ction			
						OPERA'	ГOR	☐ Init	ial Report 🛛 Final Repor		
Name of Co		Oxy Permia				Contact Christopher Jones					
		Commerce D				Telephone No. (575) 628-4121					
Facility Na	me Ante	lope Ridge	74 SWD	Battery		Facility Typ	e Battery				
Surface Ow	ner			Mineral (	Owner			API N	o. 30-025-21037		
				LOCA	ATIO	N OF RE	LEASE				
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/West Line	County		
L	34	23S	34E						Lea County, NM		
			Т	atitude N 32,2	58630	Longity	de W 103.4646	00			
			1			J	•	8			
Type of Rele	nno Drodi	iced water		NAT	URE	OF REL		37-1	Dt 0111		
Source of Re			a transmi	ter on the triplex	numn	Volume of	Iour of Occurrence		Recovered 0 bbls Hour of Discovery		
to break					PP	07/14/2014		Date und	Tion of Discovery		
Was Immedia	ate Notice (	liven?				If YES, To	Whom?				
		$\boxtimes$	Yes	No 🔲 Not Re	equired		erding- NMOCD				
By Whom?		rvis, BBC Inte	ernational				lour 07/15/2014				
Was a Watero	course Reac		Yes 🛚	No		If YES, Vo	lume Impacting t	he Watercourse.			
If a Watercou	ırse was İmi	pacted Descri	he Fully *	:							
11 0 1. 0001000	, , , , , , , , , , , , , , , , , , ,	, D 0 0 0 0 1 1	ovium,								
Describe Cau	se of Proble	m and Remed	lial Action	Taken.*							
Vibration cau	sed a transr	nitter on the t	riplex pum	n to break spillin	g 480 bl	hls of produce	ed water onto the	ground. No fluids	s were recovered and the		
transmitter wa	as replaced.		r r	r	g	on or product	a nator onto the	51001101			
Describe Area	a Affected a	ınd Cleanun A	etion Tak	en.*							
		-									
The affected a by Tomas Ob	area is appro	oximately 4' x	: 300' with	both on and off	location	. Remediatio	n was completed	in accordance with	the remediation plan approved		
by Tollias Ob	ciuing of N	MOCD via ci	nan on 10	22/2014.							
I hereby certif	fy that the in	iformation gi	ven above	is true and compl	lete to th	ne best of my l	knowledge and ur	nderstand that purs	uant to NMOCD rules and		
regulations all	l operators a	are required to	report an	d/or file certain re	elease no	otifications an	d perform correct	tive actions for rele	eases which may endanger eve the operator of liability		
should their o	perations ha	omment. The ave failed to a	decuately	investigate and re	rı oy u.e mediate	e contaminatio	irked as "Final Re on that nose a thre	eport does not ren	eve the operator of hability, surface water, human health		
or the environ	ment. In ac	ldition, NMO	CD accept	ance of a C-141 r	report de	oes not relieve	the operator of r	esponsibility for c	ompliance with any other		
federal, state,	or local law	s and/or regu	lations						1		
Cr	rris		lones, o, ou, :888@yahoo.com	l,			OIL CONS	<b>SERVATION</b>	DIVISION		
Signature: JO	nes	c=U\$ Date; 2015,04.	30 12:58:43								
						Approved by I	Environmental Sp	ecialist:			
Printed Name: Christopher Jones											
Title: HES	Specialist					Approval Date	e:	Expiration 1	Date:		
E-mail Addres	ss: Christ	opher_Jones@	oxy.com			Conditions of	Approval:		A4411 🗖		
Date:			Phone:	(575) 628-4121					Attached		

<sup>\*</sup> Attach Additional Sheets If Necessary



Antelope Ridge #4 SWD Battery

Date: 07/30/2014 | Die: Oxy 2014

NOT TO SCALE | File: Oxy 2014

U/L L, Section 34, T23S, R34E

N 32.25882° W 103.46435°

Lea County, NM

API# 30-025-21037

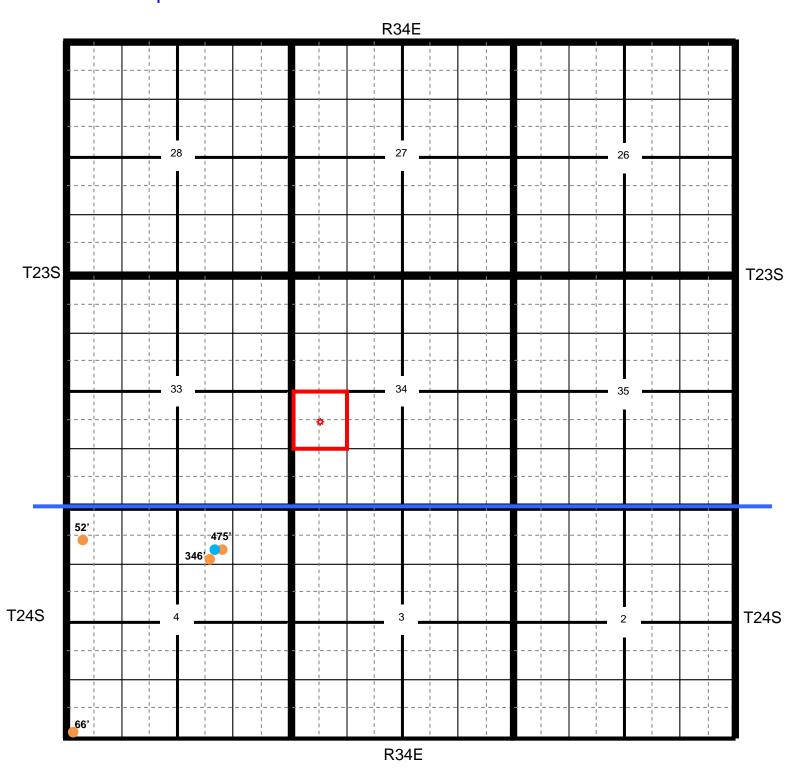


# **Groundwater Plot**

# Oxy Antelope Ridge 4 SWD Battery

CountyUnit LetterSectionTownshipRangeLea CountyL3423S34E

Trend Map 275'



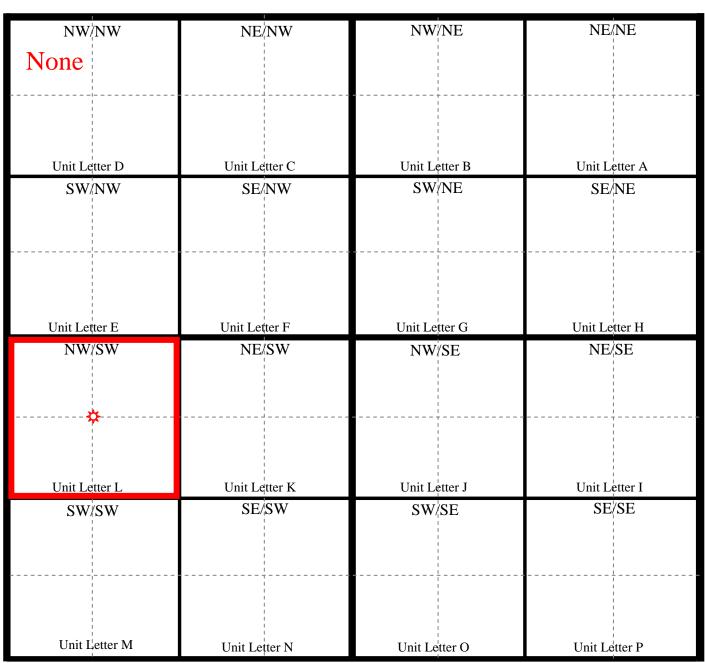
## **Section Quarters**

# Oxy Antelope Ridge 4 SWD Battery

CountyUnit LetterSectionTownshipRangeLeaL3423S34E

Trend Map 275'

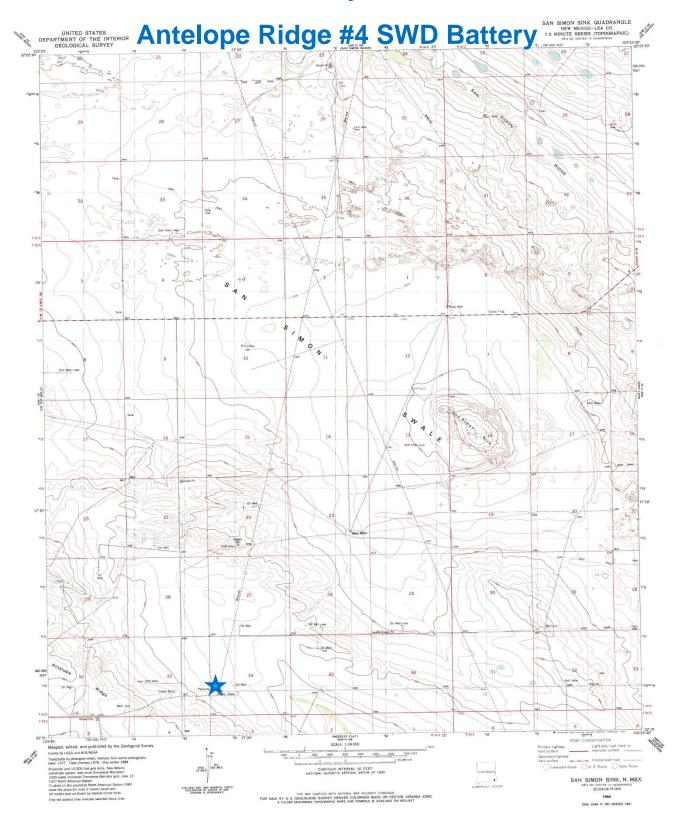
1



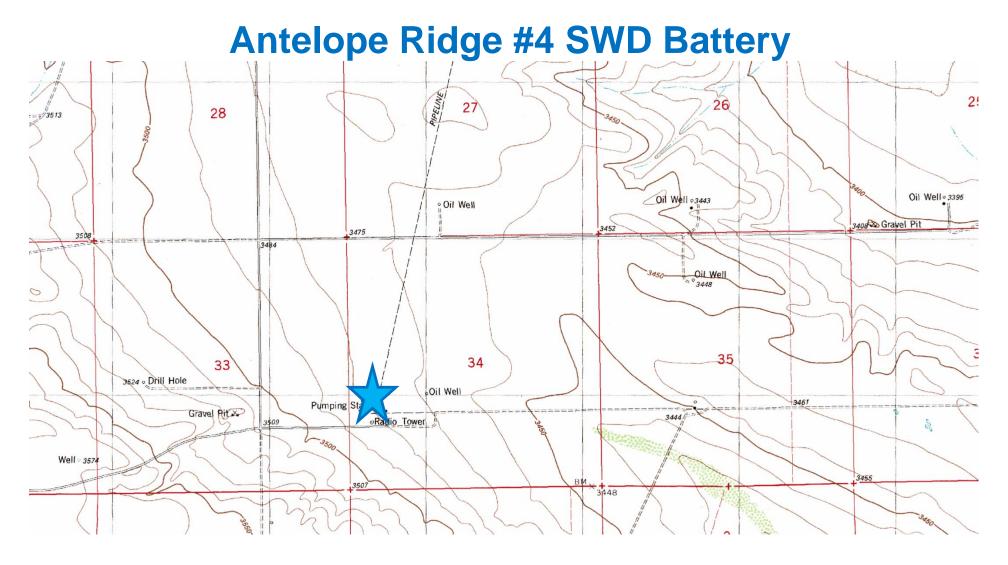
3

CD ● USGS ● SEO ● All Databases

# Oxy



# Oxy



## Laboratory Analytical Results Summary Antelope Ridge #4 SWD

		Sample	SP1 @ SURFACE
Analyte	Method	Date	9/24/14
			mg/Kg
Chloride	SM4500CI-B		<16.0

		Sample	SP2 @ SURFACE
Analyte	Method	Date	9/24/14
			mg/Kg
Chloride	SM4500CI-B		<16.0

		Sample	SP3 @ SURFACE
Analyte	Method	Date	9/24/14
			mg/Kg
Chloride	SM4500CI-B		<16.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	9/24/14	9/24/14	9/24/14	9/24/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		624	800	960	32

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'	SP5 @ 6'
Analyte	Method	Date	9/24/14	9/24/14	9/24/14	9/24/14	9/24/14	9/24/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		2840	2760	2520	1650	1840	384

		Sample	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'	SP6 @ 5'	SP6 @ 6'	SP6 @ 7'
Analyte	Method	Date	9/24/14	9/24/14	9/24/14	9/24/14	9/24/14	9/24/14	9/24/14
			mg/Kg						
Chloride	SM4500CI-B		2840	2600	2560	2280	1620	960	304



September 26, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: ANTELOPE RIDGE #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/25/14 16:59.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Celey D. Keine

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



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 09/25/2014 Sampling Date: 09/24/2014

Reported: 09/26/2014 Sampling Type: Soil

Project Name: ANTELOPE RIDGE #4 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: DELAWARE BASIN, NM

### Sample ID: SP 1 @ SURFACE (H402941-01)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/26/2014	ND	432	108	400	3.77	
Sample ID: SP 2 @ SURFACE	(H402941	-02)							

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/26/2014	ND	432	108	400	3.77	

### Sample ID: SP 3 @ SURFACE (H402941-03)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/26/2014	ND	432	108	400	3.77	

### Sample ID: SP 4 @ 1 (H402941-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/26/2014	ND	432	108	400	3.77	

Cardinal Laboratories \*=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 09/25/2014 Sampling Date: 09/24/2014

Reported: 09/26/2014 Sampling Type: Soil

Project Name: ANTELOPE RIDGE #4 SWD Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: DELAWARE BASIN, NM

•	(2941-05) mg/kg		Analyzed By: HM						
Chloride, SM4500Cl-B	mg	/кд	Anaiyze	а ву: нм					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	800	16.0	09/26/2014	ND	432	108	400	3.77	
Sample ID: SP 4 @ 3 (H40	2941-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	09/26/2014	ND	432	108	400	3.77	
Cilioride	900	10.0	03/20/2011	110					
Cinoride	900	10.0	03/20/2011	ND					
		10.0	03/20/2011	D					
Sample ID: SP 4 @ 4 (H40				d By: HM					
Sample ID: SP 4 @ 4 (H40	2941-07)				BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: SP 4 @ 4 (H40 Chloride, SM4500Cl-B	2941-07) mg,	/kg	Analyze	d By: HM			True Value QC 400	RPD 3.77	Qualifier
Sample ID: SP 4 @ 4 (H40 Chloride, SM4500Cl-B	2941-07) mg, Result 32.0	/kg Reporting Limit	<b>Analyze</b> Analyzed	d By: HM Method Blank	BS	% Recovery	·		Qualifier
Sample ID: SP 4 @ 4 (H40 Chloride, SM4500Cl-B Analyte Chloride	2941-07) mg, Result 32.0	Reporting Limit	Analyzed 09/26/2014	d By: HM Method Blank	BS	% Recovery	·		Qualifier
Sample ID: SP 4 @ 4 (H40 Chloride, SM4500CI-B  Analyte Chloride  Sample ID: SP 5 @ 1 (H40	Result 32.0	Reporting Limit	Analyzed 09/26/2014	<b>d By: HM</b> Method Blank  ND	BS	% Recovery	·		Qualifier

### Sample ID: SP 5 @ 2 (H402941-09)

Chloride, SM4500Cl-B mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	09/26/2014	ND	432	108	400	3.77	

Cardinal Laboratories \*=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 09/25/2014 Sampling Date: 09/24/2014

Reported: 09/26/2014 Sampling Type: Soil

Project Name: ANTELOPE RIDGE #4 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: DELAWARE BASIN, NM

### Sample ID: SP 5 @ 3 (H402941-10)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery True Value QC RPD C	True Value QC	True Value QC	True Value QC RPD	Qualifier
Chloride	2520	16.0	09/26/2014	ND	432	108	400	3.77		
Sample ID: SP 5 @ 4 (H4	02941-11)									
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	09/26/2014	ND	432	108	400	3.77		

### Sample ID: SP 5 @ 5 (H402941-12)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	09/26/2014	ND	416	104	400	0.00	

### Sample ID: SP 5 @ 6 (H402941-13)

Chloride, SM4500Cl-B	oride, SM4500CI-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/26/2014	ND	416	104	400	0.00	

### Sample ID: SP 6 @ 1 (H402941-14)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	09/26/2014	ND	416	104	400	0.00	

### Cardinal Laboratories \*=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 09/25/2014 Sampling Date: 09/24/2014

Reported: 09/26/2014 Sampling Type: Soil

Project Name: ANTELOPE RIDGE #4 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Kathy Perez

Project Location: DELAWARE BASIN, NM

Sample ID: SP 6 @ 2 (H46	02941-15)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	09/26/2014	ND	416	104	400	0.00	
Sample ID: SP 6 @ 3 (H40	02941-16)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	09/26/2014	ND	416	104	400	0.00	
Sample ID: SP 6 @ 4 (H40	02941-17)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

9	Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
(	Chloride	2280	16.0	09/26/2014	ND	416	104	400	0.00	

### Sample ID: SP 6 @ 5 (H402941-18)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	09/26/2014	ND	416	104	400	0.00	

### Sample ID: SP 6 @ 6 (H402941-19)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	09/26/2014	ND	416	104	400	0.00	

### Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 09/25/2014 Sampling Date: 09/24/2014

Reported: 09/26/2014 Sampling Type: Soil

Project Name: ANTELOPE RIDGE #4 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: DELAWARE BASIN, NM

### Sample ID: SP 6 @ 7 (H402941-20)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/26/2014	ND	416	104	400	0.00	

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 whistoever 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



### **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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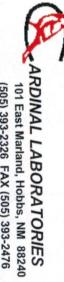
# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORA 1 ONL 5 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. Project Manager: Cliff Brunson
---

(505) 393-2326 FAX (505) 393-2476	ANALYSIS REQUEST
Company Name: BBC International, Inc.	BIET IO
	7.00
	Company
State: N	Address: Ch
5-397-6388	City:
Project #: Project Owner: CA	State: Zip:
Project Name: Antelope Suge A	Phone #:
Project Location: Delaware 525/N	
Sampler Name: TEFF OFMCD MATRIX	PRESERV. SAMPLING
B ER	26
Lab I.D. Sample I.D.  B OR (C) ITAINERS INDWATE EWATER	ER: /BASE: COOL ER:
# CO GRO WAS SOIL	CICE
1 50/05mba 61	7 626
y 1202020 Ell X	7 446
C 5040	\(\lambda\) \(\lambda\) \(\lambda\)
2000	X Noo X
16	100 X
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0 02	4 128 7
PLEASE NOTE: Liability and Damages. Cardinal's flability and client's exclusive remedy for any claim alsting whether based a received by Cardinal within 30 days after completion of the applicance please.  As a claims including those for negligence and any other cause whatsoever shall be deemed welved unless made in writing and received by Cardinal within 30 days after completion of the applicance of the property of the propert	
service. In no event shall Cardinal be liable for incidental or consequental damages, income to the cardinal, regardless of whether suc services hereunder by Cardinal, regardless of whether suc affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether suc	h claim is based upon any of the above State resource:    Yes
9:25:14 Time:	
Relinquished By:  Date: 9.25, 14 Received By:	
Sample	CHECKED BY:
Delivered By: (Circle Circle)	Yes

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

Page 8 of 9



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson	P.O. #:		ANALISIS NEGOTION	
Project Manager: Cliff Brunson	P.O. #:			
Address: P.O. Box 805	Company:			
City: Hobbs State: NM Zip: 88241	Attn:			
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:			
Project #: Project Owner: OXY	City:			
ame: Antologe Ry	State: Zip:			
Project Location: Polytope BZSIN	Phone #:			
Sampler Name: The Owne /25	Fax #:			
	PRESERV. SAMPLING			
Sample I.D.  RAB OR (C)OME CONTAINERS COUNDWATER ASTEWATER	UDGE HER: ID/BASE: E/COOL HER:	cl		
// V	1 9.2A	X		
× 1500	139	X		
(1) (o) (c) (x)	× /45	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
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and Damages. Cardi ding those for neglige	contract or tort, shall be limited to the adount paid by the client for the ting and received by Cardinal within 30 days after completion of the at the completion of the attention of the completion of the compl	nt for the of the applicable sidaries.		
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Time: U14	Fax Result:	□ Yes □	Add Fax#:	
Réfinquished By:  Dety: 25-14 Received By:  Tithe: 50	1			
Sample	Intact (Initials)			
Sampler - UPS - Bus - Other: QQQ No No	No C			

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

Page 9 of 9

### **Kathy Purvis**

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>

**Sent:** Wednesday, October 22, 2014 3:55 PM

**To:** Cliff P. Brunson

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: RE: OXY - Antelope Ridge 4 SWD Battery - Remediation Plan

Aloha Mr. Brunson et al,

Thank you for the update.

Based on the documentation OCD approves the scope of work.

Please keep me informed as the situation warrants.

Mahalo

-Doc

Tomáš 'Doc' Oberding, PhD

Environmental Specialist - New Mexico Oil Conservation Division

Energy, Minerals and Natural Resources Department

1625 N. French Dr. Hobbs, NM 88240

(O): (575) 393-6161 ext 111

(C): 575-370-3180 (F): (575) 393-0720

E-Mail: tomas.oberding@state.nm.us

Website: <a href="http://www.emnrd.state.nm.us/ocd/">http://www.emnrd.state.nm.us/ocd/</a>

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Wednesday, October 22, 2014 10:18 AM

To: Oberding, Tomas, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: OXY - Antelope Ridge 4 SWD Battery - Remediation Plan

Tomas,

This e-mail is to confirm our conversation today, October 21, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. The agreed upon remediation plan is on the first page of the attachment along with the RP number per your previous request. This site is a State only jurisdiction location.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.

Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397

E-Mail: <a href="mailto:cbrunson@bbcinternational.com">cbrunson@bbcinternational.com</a>

\*\*\*\*\*\*\*\*\*\*\*\*

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