

Closure Report

Site Description

Site Name:	Pure Gold B Federal #20
Company:	Oxy Permian Ltd.
Legal Description:	U/L P, Section 20, T23S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.28608° W 103.79202°

Release Data

Date of Release:	01/24/2016
Type of Release:	Produced water
Source of Release:	Internal corrosion of a 3" steel disposal line
Volume of Release:	10 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavate around SP1 to depth of 3 ft. Excavate to a depth of 1 ft in the area of SP2. Excavate to a depth of 5 ft in the area of SP3. Surface scrape the area around SP4. Backfill the site with clean soil.
Remediation Activities:	August 2016

Plan Sent to OCD:	03/14/2016	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	03/17/2016	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	03/14/2016	Email from Cliff Brunson to Dara Glass
BLM Approval of Plan:	06/01/2016	Email from Dara Glass to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 02/04/2016
Final C-141	Signed 09/12/2016
Site Diagram	February 2016
Groundwater Plot	150'-175'
TOPO Maps	February 2016
Lab Summary	02/12/2016-02/15/2016
Lab Analysis	02/12/2016-02/15/2016
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.

09/12/2016

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 Repo

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Pure Gold B Federal #20	Facility Type	Well location
Surface Owner	BLM	Mineral Owner	-
		API No.	30-015-30605

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	20	23S	31E					Eddy County, NM

Latitude N 32.28608° Longitude W 103.79202°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	10 bbls	Volume Recovered	0 bbls
Source of Release	Internal corrosion of a 3" steel disposal line	Date and Hour of Occurrence	01/24/16 1124/16	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	KAP		
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.*

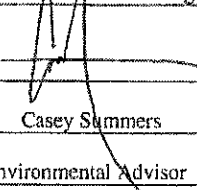
Describe Cause of Problem and Remedial Action Taken.*

Internal corrosion of a 3" steel disposal line caused 10 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 12' x 60' on location near the well head. Remediation will be completed in accordance with a remediation plan approved by 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.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Casey Summers		Approved by Environmental Specialist:	
Title: NM Environmental Advisor		Approval Date:	Expiration Date:
E-mail Address: Casey_Summers@oxy.com		Conditions of Approval:	
Date: 2-4-16	Phone: (575) 513-8289	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
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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	Oxy Permian Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Pure Gold B Federal #20	Facility Type	Well location

Surface Owner	BLM	Mineral Owner		API No.	30-015-30605
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	20	23S	31E					Eddy County, NM

Latitude N 32.28608° Longitude W 103.79202°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	10 bbls	Volume Recovered	0 bbls
Source of Release	Internal corrosion of a 3" steel disposal line	Date and Hour of Occurrence	01/20/2016	Date and Hour of Discovery	
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.*

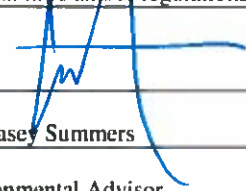
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Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 12' x 60' on location near the well head. Remediation was completed in accordance with a remediation plan approved by Mike Bratcher of NMOCD via email on 03/17/2016 and approved by Dara Glass of the BLM via email on 06/01/2016.

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.

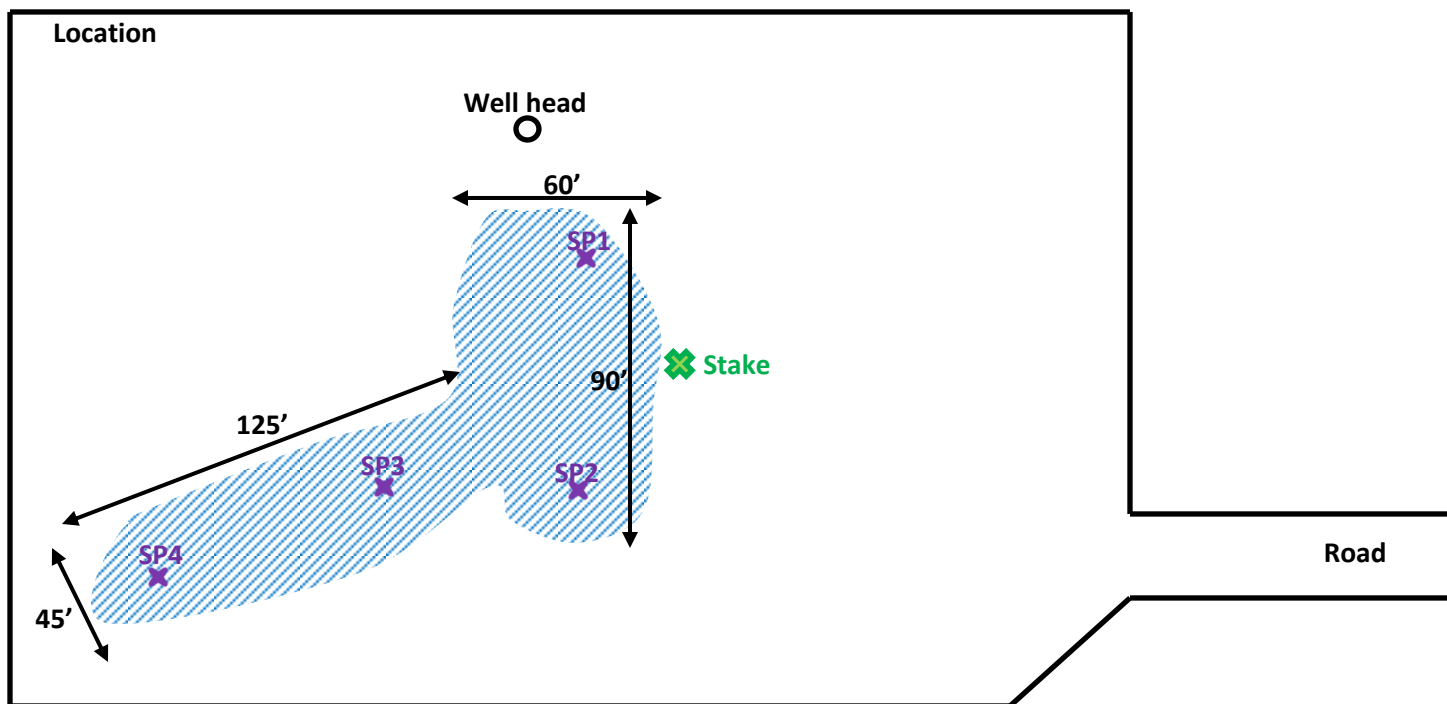
Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Casey Summers		Approved by Environmental Specialist:	
Title: NM Environmental Advisor		Approval Date:	Expiration Date:
E-mail Address: Casey_Summers@oxy.com		Conditions of Approval:	
Date: 9-13-16 Phone: (575) 513-8289		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



Oxy

Pure Gold B Federal #20 (1/24/16)



U/L P, Section 20, T23S, R31E

Eddy County, NM

N 32.28608° W 103.79202°

API# 30-015-30605

BBC International, Inc.

Oxy

Pure Gold B Federal #20

Date: 02/08/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016



Groundwater Plot

OXY Pure Gold B Federal #20

County
Eddy

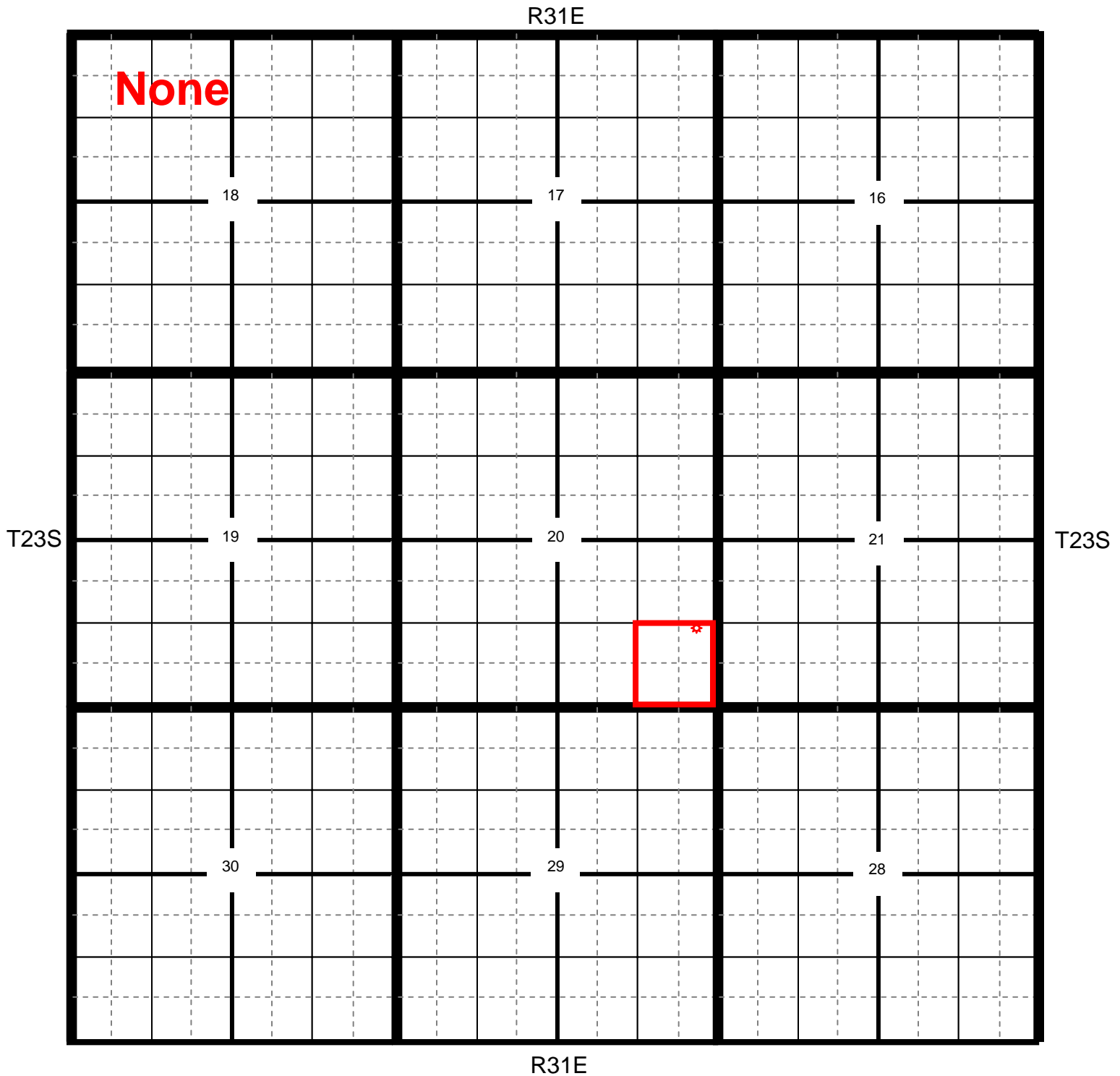
Unit Letter
P

Section
20

Township
23S

Range
31E

Trend Map 150'-175'



Location

OCD

USGS

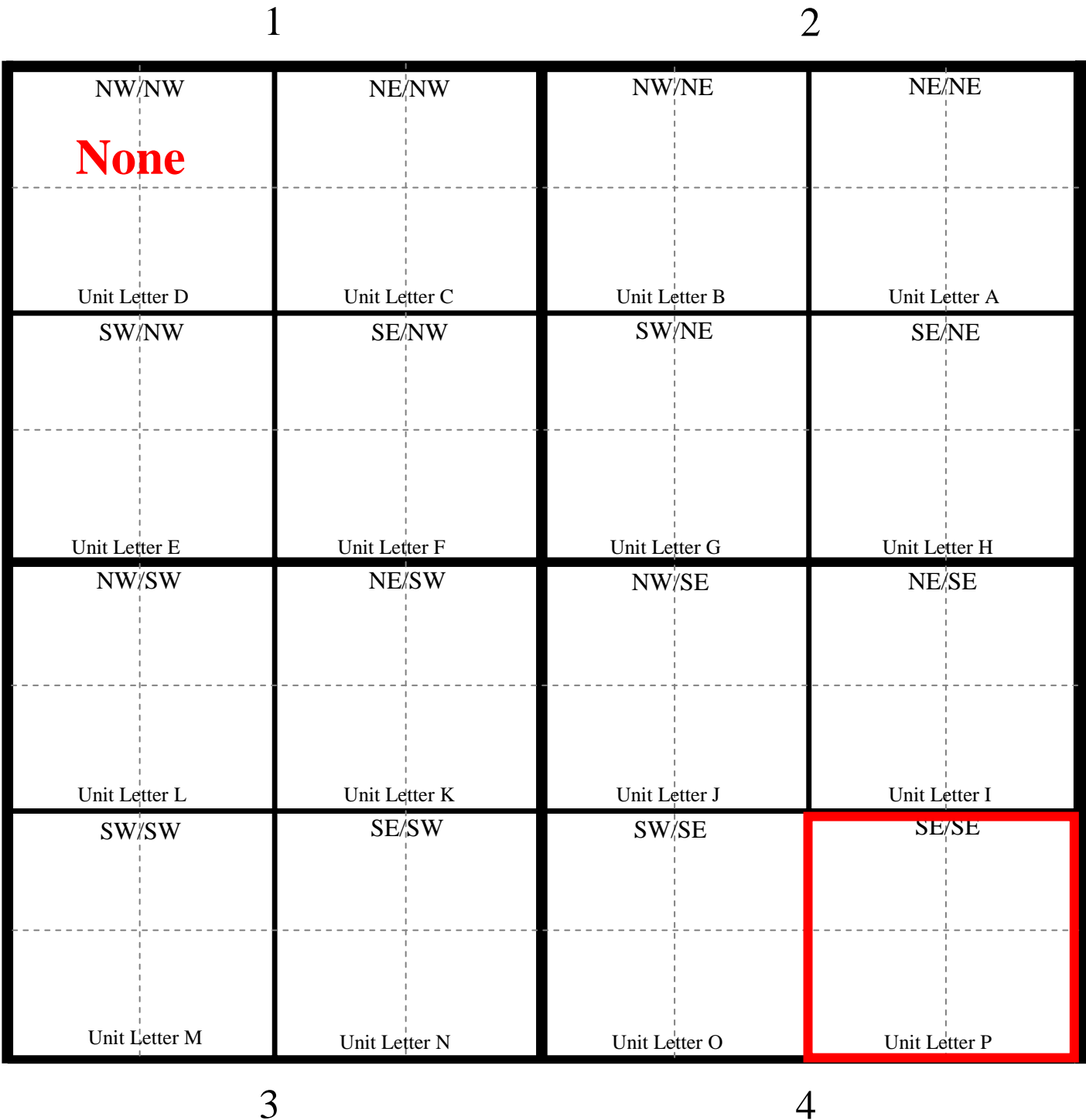
SEO

All Databases

Oxy Pure Gold B Federal #20

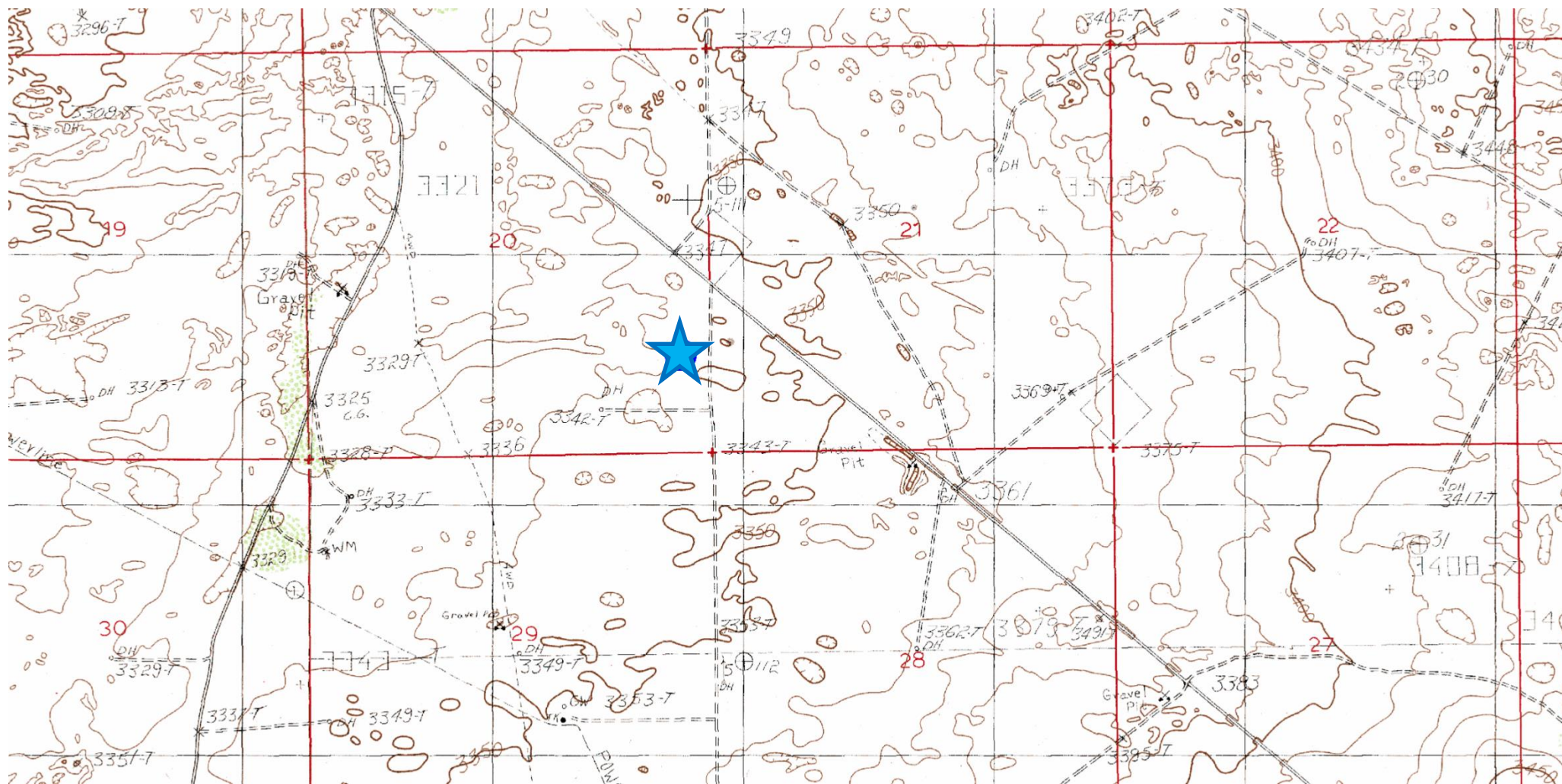
County Eddy	Unit Letter P	Section 20	Township 23S	Range 31E
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Trend Map 150'



Oxy

Pure Gold B Federal #20



**Laboratory Analytical Results Summary
Pure Gold B Federal #20**

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 8'	SP1 @ 9'	SP1 @ 10'
Analyte	Method	Date	2/12/16	2/12/16	2/12/16	2/12/16	2/12/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		2840	2600	880	<16.0	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'
Analyte	Method	Date	2/12/16	2/12/16	2/12/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500Cl-B		12700	32	32
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 8'	SP3 @ 11'	SP3 @ 12'	SP3 @ 13'	SP3 @ 14'
Analyte	Method	Date	2/12/16	2/12/16	2/12/16	2/15/16	2/15/16	2/15/16	2/15/16	2/15/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		1180	1040	2000	1140	992	496	320	144
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	2/15/16	2/15/16	2/15/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a
Chloride	SM4500Cl-B		272	176	80
GRO	TPH 8015M		n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a



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

February 24, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD B FEDERAL #20

Enclosed are the results of analyses for samples received by the laboratory on 02/18/16 16:30.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/18/2016	Sampling Date:	02/12/2016
Reported:	02/24/2016	Sampling Type:	Soil
Project Name:	PURE GOLD B FEDERAL #20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 1 @ 1' (H600383-01)

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	02/23/2016	ND	2.07	103	2.00	4.41	
Toluene*	<0.050	0.050	02/23/2016	ND	2.00	100	2.00	2.96	
Ethylbenzene*	<0.050	0.050	02/23/2016	ND	1.83	91.5	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/23/2016	ND	5.67	94.5	6.00	2.53	
Total BTEX	<0.300	0.300	02/23/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	2840	16.0	02/22/2016	ND	432	108	400	3.77	

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	02/20/2016	ND	196	98.0	200	5.57	
DRO >C10-C28	<10.0	10.0	02/20/2016	ND	201	101	200	9.97	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 117 % 28-171

Sample ID: SP 1 @ 3' (H600383-02)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	02/22/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/18/2016	Sampling Date:	02/12/2016
Reported:	02/24/2016	Sampling Type:	Soil
Project Name:	PURE GOLD B FEDERAL #20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 1 @ 8' (H600383-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	02/22/2016	ND	432	108	400	3.77		

Sample ID: SP 1 @ 9' (H600383-04)

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	02/22/2016	ND	432	108	400	3.77		

Sample ID: SP 1 @ 10' (H600383-05)

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	02/22/2016	ND	432	108	400	3.77		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	02/18/2016	Sampling Date:	02/12/2016
Reported:	02/24/2016	Sampling Type:	Soil
Project Name:	PURE GOLD B FEDERAL #20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 2 @ 1' (H600383-06)

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	02/23/2016	ND	2.07	103	2.00	4.41	
Toluene*	<0.050	0.050	02/23/2016	ND	2.00	100	2.00	2.96	
Ethylbenzene*	<0.050	0.050	02/23/2016	ND	1.83	91.5	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/23/2016	ND	5.67	94.5	6.00	2.53	
Total BTX	<0.300	0.300	02/23/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12700	16.0	02/22/2016	ND	432	108	400	3.77	

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	02/20/2016	ND	198	99.0	200	6.32	
DRO >C10-C28	<10.0	10.0	02/20/2016	ND	187	93.6	200	20.6	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 92.7 % 28-171

Sample ID: SP 2 @ 3' (H600383-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/22/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	02/18/2016	Sampling Date:	02/12/2016
Reported:	02/24/2016	Sampling Type:	Soil
Project Name:	PURE GOLD B FEDERAL #20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 2 @ 5' (H600383-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/22/2016	ND	432	108	400	3.77	

Sample ID: SP 3 @ 1' (H600383-09)

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	02/23/2016	ND	2.07	103	2.00	4.41	
Toluene*	<0.050	0.050	02/23/2016	ND	2.00	100	2.00	2.96	
Ethylbenzene*	<0.050	0.050	02/23/2016	ND	1.83	91.5	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/23/2016	ND	5.67	94.5	6.00	2.53	
Total BTEx	<0.300	0.300	02/23/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	1180	16.0	02/22/2016	ND	432	108	400	3.77	

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	02/20/2016	ND	198	99.0	200	6.32	
DRO >C10-C28	<10.0	10.0	02/20/2016	ND	187	93.6	200	20.6	

Surrogate: 1-Chlorooctane 106 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/18/2016	Sampling Date:	02/12/2016
Reported:	02/24/2016	Sampling Type:	Soil
Project Name:	PURE GOLD B FEDERAL #20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 3 @ 3' (H600383-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	02/22/2016	ND	432	108	400	3.77	

Sample ID: SP 3 @ 5' (H600383-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	02/22/2016	ND	432	108	400	3.77	

Sample ID: SP 3 @ 8' (H600383-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	02/22/2016	ND	432	108	400	3.77		

Sample ID: SP 3 @ 11' (H600383-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	02/22/2016	ND	432	108	400	3.77	

Sample ID: SP 3 @ 12' (H600383-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/22/2016	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/18/2016	Sampling Date:	02/15/2016
Reported:	02/24/2016	Sampling Type:	Soil
Project Name:	PURE GOLD B FEDERAL #20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 3 @ 13' (H600383-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/22/2016	ND	432	108	400	3.77		

Sample ID: SP 3 @ 14' (H600383-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/22/2016	ND	432	108	400	3.77	

Sample ID: SP 4 @ 1' (H600383-17)

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	02/22/2016	ND	400	100	400	3.92	

Sample ID: SP 4 @ 2' (H600383-18)

Chloride, 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	02/22/2016	ND	400	100	400	3.92	

Sample ID: SP 4 @ 3' (H600383-19)

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	02/22/2016	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Thursday, March 17, 2016 11:34 AM
To: Cliff Brunson
Cc: Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis; Tucker, Shelly
Subject: RE: OXY-Pure Gold B Federal #20-Remediation Plan

RE: OXY USA * Pure Gold B Fed 20 * 30-015-30605 * **2RP-3536** * DOR 1/24/2016

Cliff,

Your proposal for remediation of the above referenced release is approved with the following exceptions:

- In the localized area identified as SP1, OCD requests a 3' excavation
- In the localized area identified as SP3, OCD requests a 5' excavation

Federal sites will require like approval from BLM.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, March 14, 2016 7:12 PM
To: Bratcher, Mike, EMNRD
Cc: Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Pure Gold B Federal #20-Remediation Plan

Mike, I am resending this as I had the wrong cover page in this packet. It is now corrected. Apologize for the confusion.

Mike,

This e-mail is to confirm our discussion concerning the remediation plan for the Oxy Pure Gold B Federal #20 release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this 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:
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From: [Ken Swinney](#)
To: [Kathy Purvis](#); jgilkey@bbcinternational.com
Subject: FW: OXY-Pure Gold B Federal #20-Remediation Plan
Date: Thursday, June 30, 2016 10:39:27 AM

From: Casey_Summers@oxy.com [mailto:Casey_Summers@oxy.com]
Sent: Wednesday, June 29, 2016 12:02 PM
To: kswinney@bbcinternational.com
Subject: FW: OXY-Pure Gold B Federal #20-Remediation Plan

Casey Summers
(575)-513-8289

From: Glass, Dara [<mailto:djglass@blm.gov>]
Sent: Wednesday, June 01, 2016 2:44 PM
To: Cliff Brunson <cbrunson@bbcinternational.com>; Summers, Casey L <Casey_Summers@oxy.com>
Cc: Shelly Tucker <stucker@blm.gov>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: Re: OXY-Pure Gold B Federal #20-Remediation Plan

All -

Please accept my apologies for the delay on this. BLM concurs with NMOCD's stipulations.

Any further questions or comments, please contact Shelly Tucker.

Thank you.

Dara

Dara Glass

djglass@blm.gov
Environmental Protection Specialist
Bureau Of Land Management, Carlsbad Field Office
Direct: 575.234.5924 Cell: 575.361.3572
To Report Spills: 575.234.6235

The BLM approval/acceptance does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Thu, Mar 17, 2016 at 12:44 PM, Tucker, Shelly <stucker@blm.gov> wrote:

OCD has approved with stipulations...

----- Forwarded message -----

From: **Cliff Brunson** <cbrunson@bbcinternational.com>
Date: Mon, Mar 14, 2016 at 7:09 PM
Subject: OXY-Pure Gold B Federal #20-Remediation Plan
To: Shelly Tucker <stucker@blm.gov>
Cc: Casey Summers <Casey_Summers@oxy.com>, Dusty Wilson
<dusty_wilson@oxy.com>, Jennifer Duarte <Jennifer_Duarte@oxy.com>, Ken Swinney
<kswinney@bbcinternational.com>, Jennifer Gilkey
<jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>

Shelly,

I have attached a remediation plan for the Oxy Pure Gold B Federal #20 release. This plan has been approved by Mike Bratcher of the NMOCD. Oxy is requesting the BLM's approval of this plan as well. Upon your review of the materials, it would be appreciated if you would respond via email with the BLM's approval.

If you have any questions, please let me know.

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:
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