

Closure Report

RECEIVED

MAY 27 2014

NMOCD ARTESIA

Site Description

Site Name:	Pure Gold D Federal #17
Company:	Oxy Permian Ltd.
Legal Description:	U/L E, Section 28, T23S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.27718° W 103.78857°

Release Data

Date of Release:	08/12/2013
Type of Release:	Oil and produced water
Source of Release:	3" poly production flow line
Volume of Release:	3 bbls oil and 11 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Hand excavate the entire spill area to a depth of 6 inches. Then, backfill the excavation with clean soil.
Remediation Activities:	05/02/2014 to 05/06/2014

Plan Sent to OCD:	01/01/2014	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/09/2014	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	01/28/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	01/30/2014	Email from J. Van Curen to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 08/22/2013
Final C-141	Signed 05/19/2014
Site Diagram	September 2013
Groundwater Plot	200'
TOPO Maps	September 2013
Lab Summary	09/12/2013
Lab Analysis	09/12/2013
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.

05/23/2014

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold D Federal #17	Facility Type	
Surface Owner	BLM	Mineral Owner	API No. 30-015-27112

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	28	23S	31E	1980'	N	330'	W	Eddy Co.

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	3 bbls of oil and 11 bbls of produced water	Volume Recovered	0 bbls
Source of Release	3 inch poly production flow line	Date and Hour of Occurrence	08/12/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD, Jennifer VanCuren and James Amos- BLM		
By Whom?	Rachael McPherson	Date and Hour	08/12/2013 @ 2:08 pm		
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.*

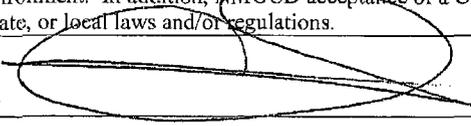
A three inch poly production flow line was compromised spilling 3 bbls of oil and 11 bbls of production water onto the ground. No fluids were recovered and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The areas affected are the location pad and pasture. 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.

OIL CONSERVATION DIVISION

Signature:			
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8/22/13	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

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Form C-141
Revised October 10, 2003

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side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold D Federal #17	Facility Type	
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-27112

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	28	23S	31E	1980'	N	330'	W	Eddy Co.

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	3 bbls of oil and 11 bbls of produced water	Volume Recovered	0 bbls
Source of Release	3 inch poly production flow line	Date and Hour of Occurrence	08/12/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD, Jennifer VanCuren and James Amos- BLM		
By Whom?	Rachael McPherson	Date and Hour	08/12/2013 @ 2:08 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

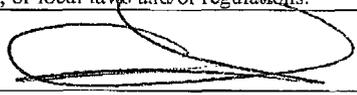
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Describe Cause of Problem and Remedial Action Taken.*
A three inch poly production flow line was compromised spilling 3 bbls of oil and 11 bbls of production water onto the ground. No fluids were recovered and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*
The areas affected are the location pad and pasture. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 01/09/2014 and approved by Jennifer Van Curen of the BLM via email on 01/30/2014.

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:	Chancey Summers	Approved by District Supervisor:	
Title:	HES Specialist	Approval Date:	Expiration Date:
E-mail Address:	Chancey.Summers@oxy.com	Conditions of Approval:	
Date:	5-19-14	Phone:	(575) 397-8216
			Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary



Oxy

Pure Gold D Federal #17

Poly lines

SP3

Leak Area 60' x 20'

SP2

SP1

T

T

Pasture

Location pad

Firewall

Well Head

U/L E, Section 28, T23S, R31E

1980' FNL and 330' FWL

Eddy County, NM

N 32.27718° W 103.78857°

API# 30-015-27112

BBC International, Inc.

Oxy

Pure Gold D Federal #17

Date: 09/04/2013

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2013

Groundwater Plot

Oxy Pure Gold D Federal #17

County
Eddy

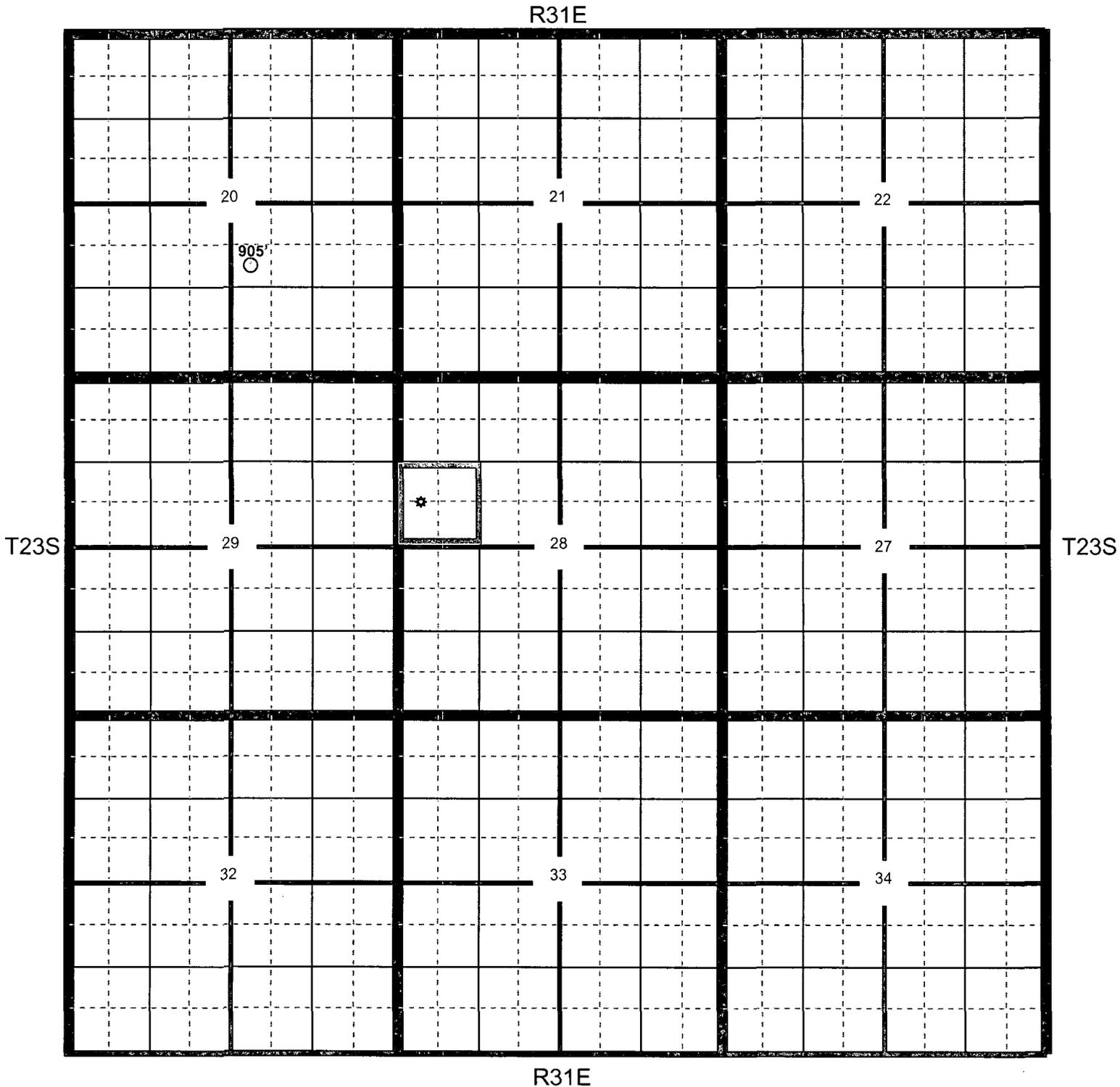
Unit Letter
E

Section
28

Township
23S

Range
31E

Trend Map 200'



★ Location

○ OCD

○ USGS

○ SEO

● All Databases

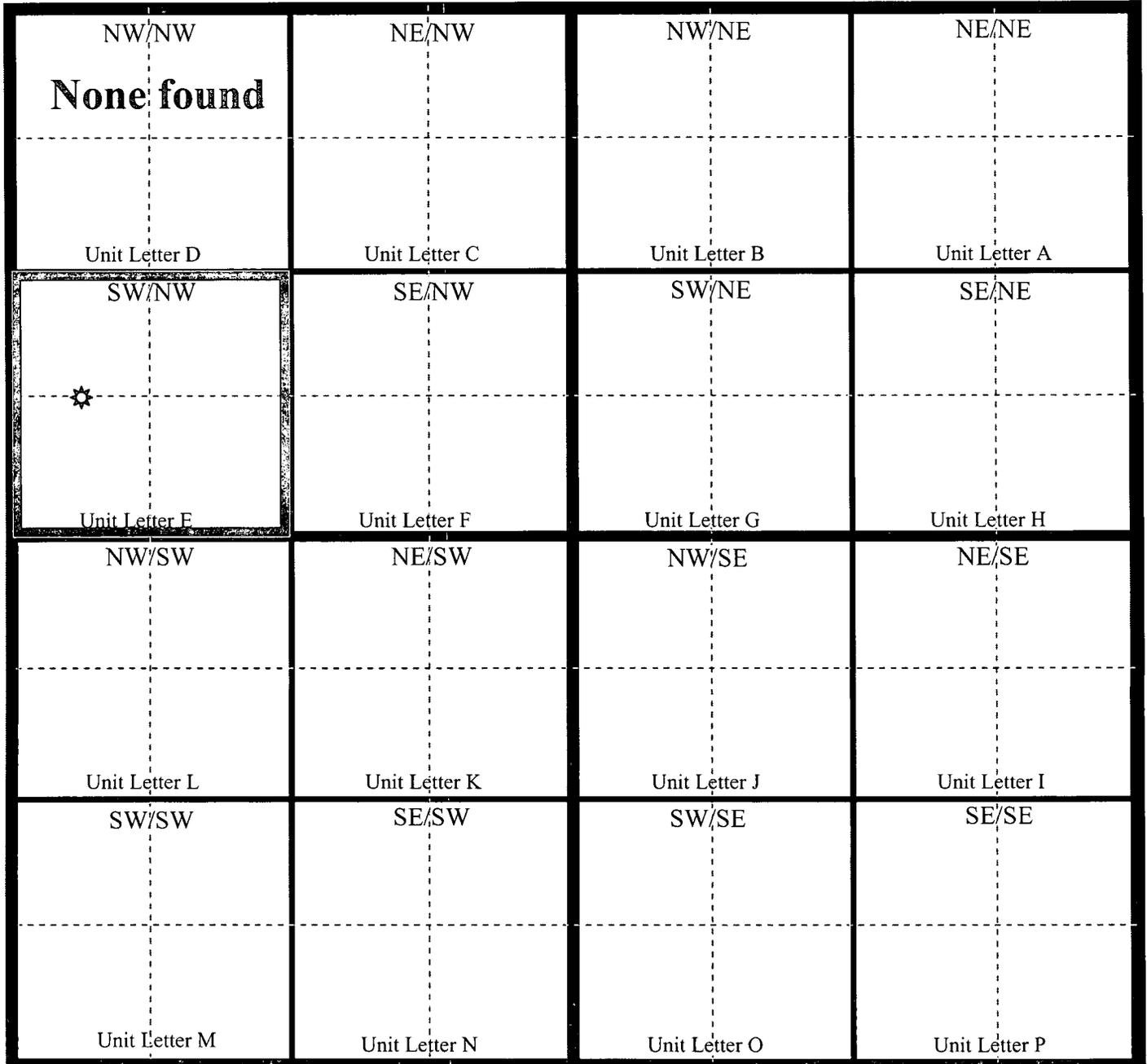
Oxy Pure Gold D Federal #17

County Eddy Unit Letter E Section 28 Township 23S Range 31E

Trend Map 200'

1

2

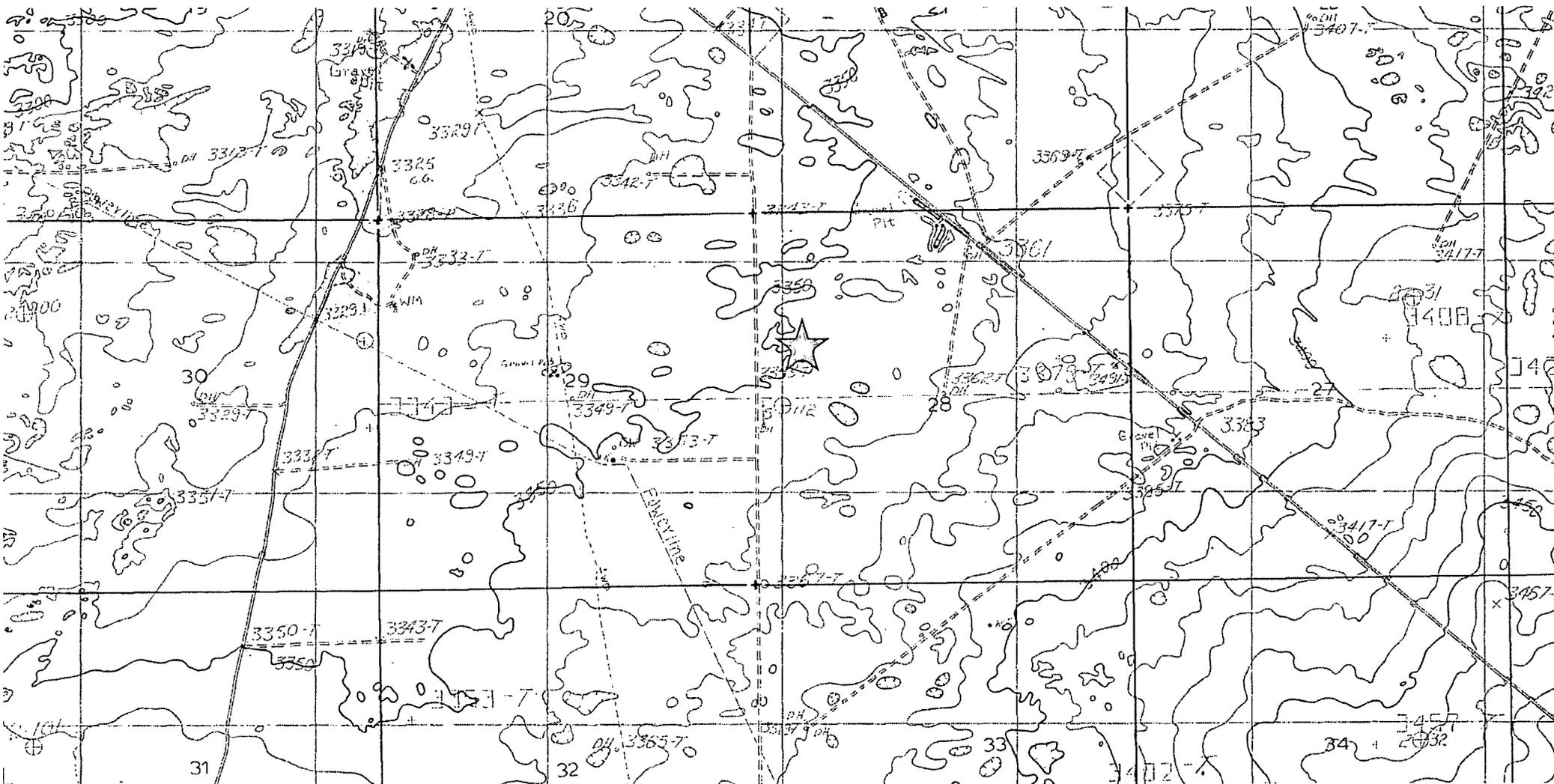


3

4

Oxy

Pure Gold D Federal #17



**Laboratory Analytical Results Summary
Pure Gold D #17**

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	9/12/13	9/12/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.054	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500CI-B		240	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		62.6	31.7

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	9/12/13	9/12/13	9/12/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	<0.300
Chloride	SM4500CI-B		128	64	80
GRO	TPH 8015M		<10.0	n/a	<10.0
DRO	TPH 8015M		<10.0	n/a	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	9/12/13	9/12/13	9/12/13	9/12/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	<0.300
Chloride	SM4500CI-B		592	224	112	112
GRO	TPH 8015M		<10.0	n/a	n/a	<10.0
DRO	TPH 8015M		<10.0	n/a	n/a	85

September 17, 2013

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: PURE GOLD D #17

Enclosed are the results of analyses for samples received by the laboratory on 09/13/13 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

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

 Received: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1FT (H302214-01)

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	09/17/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	0.054	0.050	09/17/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/17/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/17/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/17/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 89.4-126

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	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	62.6	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 86.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.3 % 63.6-154

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: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP1 @ 2FT (H302214-02)

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	09/17/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/17/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/17/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/17/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/17/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	31.7	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 90.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.5 % 63.6-154

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* = Accredited Analyte

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

 Received: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP2 @ 1FT (H302214-03)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	<10.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 87.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.2 % 63.6-154

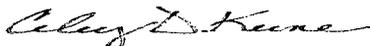
Sample ID: SP2 @ 2FT (H302214-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/16/2013	ND	432	108	400	3.77		

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*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

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 Received: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP2 @ 3FT (H302214-05)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 89.4-126

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	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	<10.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.6 % 63.6-154

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 Received: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP3 @ 1FT (H302214-06)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	<10.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.7 % 63.6-154

Sample ID: SP3 @ 2FT (H302214-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/16/2013	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: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP3 @ 3FT (H302214-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/16/2013	ND	432	108	400	3.77		

Sample ID: SP3 @ 4FT (H302214-09)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 117 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	85.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

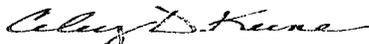
Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.8 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

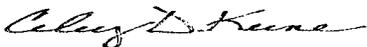
Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Thursday, January 09, 2014 7:13 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-Pure Gold D Federal #17-Remediation Plan

Reference: OXY USA Inc. * Pure Gold D Fed 17 * 30-015-27112 * E-28-23s-31e * Eddy County, New Mexico
NMOCD Tracking number: 2RP-1874 * Date of release: 8/12/2013

Cliff,

Your proposal for remediation of the above reference produced fluid release is approved. Please notify OCD prior to commencement of remedial activities. Federal sites will require like approval by 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 P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Wednesday, January 01, 2014 1:28 PM
To: Bratcher, Mike, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Pure Gold D Federal #17-Remediation Plan

Mike,

This e-mail is to confirm our conversation on December 18, 2013 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate the entire spill area to a depth of 6 inches by hand. The area will then be backfilled with clean soil.

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
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Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From: Van Curen, Jennifer <jvancure@blm.gov>
Sent: Thursday, January 30, 2014 7:09 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: FW: OXY-Pure Gold D Federal #17-Remediation Plan

Cliff,

JVC13078NU

Released 8/12/13 -- Report 8/22/13 -- Samples 9/13/13 -- Plan 1/29/14

Age of samples are greater than 30 days for pasture and 60 days for well pad, but no further sampling will be required due to levels of contaminants.

Plan Implementation:

1. Cleanup actions must be initiated within 30 days of plan approval.
2. Pad should be bermed with compactable caliche to prevent future spills from leaving the pad and impacting reclaimed pasture areas.

BLM approval of this proposal 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 location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until 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.

JENNIFER E VAN CUREN
ENVIRONMENTAL PROTECTION SPECIALIST
DOI-BLM-CARLSBAD FIELD OFFICE
320 E GREENE ST. CARLSBAD, NM 88220
OFFICE- 575-234-5905
CELL - 575-361-0042
FAX - 575-234-5927

On Tue, Jan 28, 2014 at 6:15 PM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote:
Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD as

referenced by his e-mail below. Oxy will excavate the entire spill area to a depth of 6 inches by hand. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us 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:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

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From: Mike Bratcher <mike.bratcher@state.nm.us>
Date: Thursday, January 9, 2014 7:13 AM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Cc: C J Summers <Chancey_Summers@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey <jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>
Subject: RE: OXY-Pure Gold D Federal #17-Remediation Plan

Reference: OXY USA Inc. * Pure Gold D Fed 17 * 30-015-27112 * E-28-23s-31e * Eddy County, New Mexico

NMOCD Tracking number: 2RP-1874 * Date of release: 8/12/2013

Cliff,

Your proposal for remediation of the above reference produced fluid release is approved. Please notify OCD prior to commencement of remedial activities. Federal sites will require like approval by 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 P. Brunson [<mailto:cbrunson@bbcinternational.com>]

Sent: Wednesday, January 01, 2014 1:28 PM

To: Bratcher, Mike, EMNRD

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

Subject: OXY-Pure Gold D Federal #17-Remediation Plan

Mike,

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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

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World-Wide Environmental Specialists

Mailing Address:

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Oxy

Pure Gold D Federal #17

Poly lines

SP3

Leak Area 60' x 20'

SP2



Well Head

SP1



Pasture

Location pad

Firewall

U/L E, Section 28, T23S, R31E
1980' FNL and 330' FWL
Eddy County, NM
N 32.27718° W 103.78857°
API# 30-015-27112

*Remediation
Packet*

BBC International, Inc.

Oxy

Pure Gold D Federal #17

Date: 09/04/2013

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2013

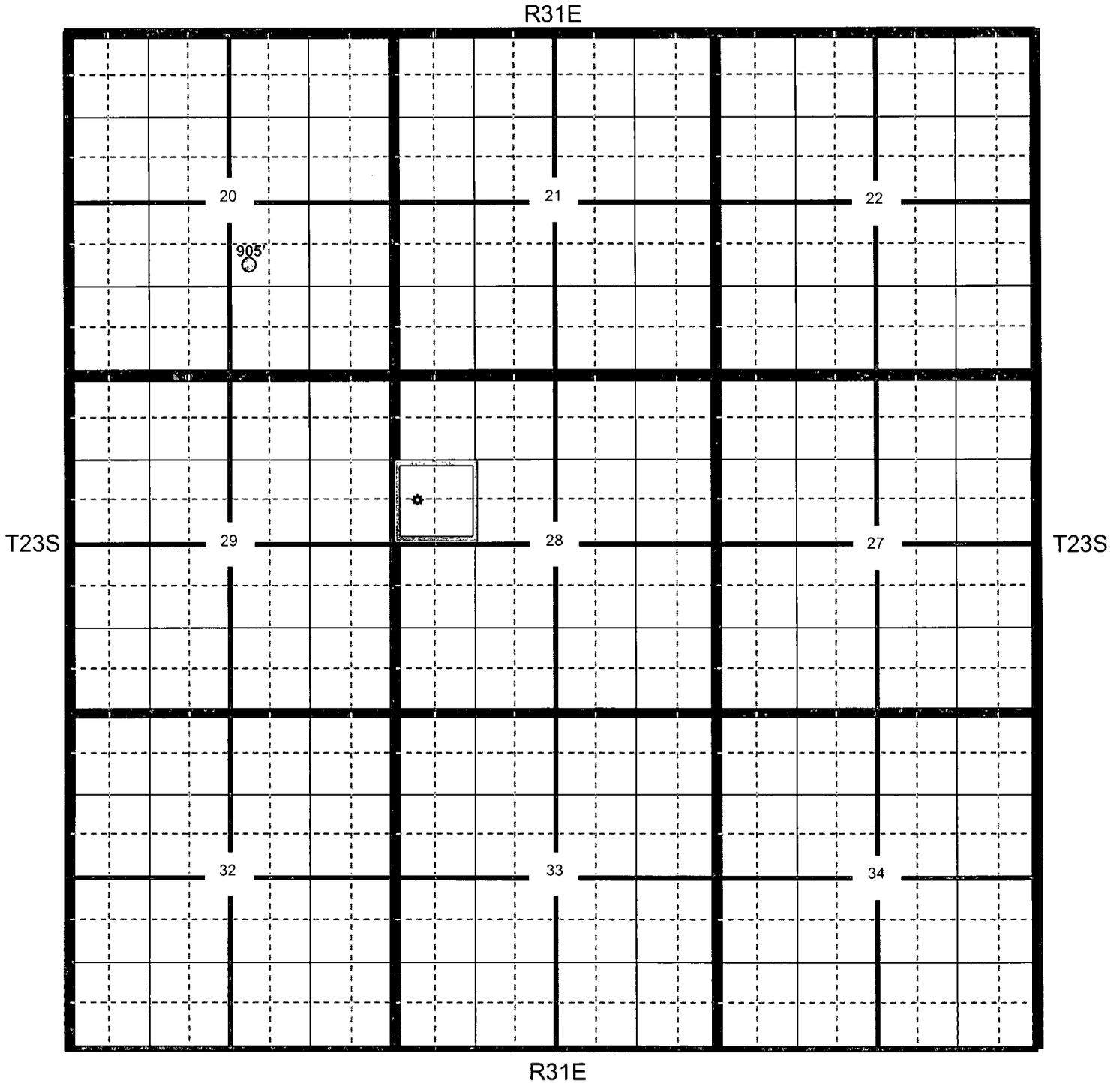


Groundwater Plot

Oxy Pure Gold D Federal #17

County Eddy Unit Letter E Section 28 Township 23S Range 31E

Trend Map 200'



★ Location ○ OCD ○ USGS ○ SEO ● All Databases



Section Quarters

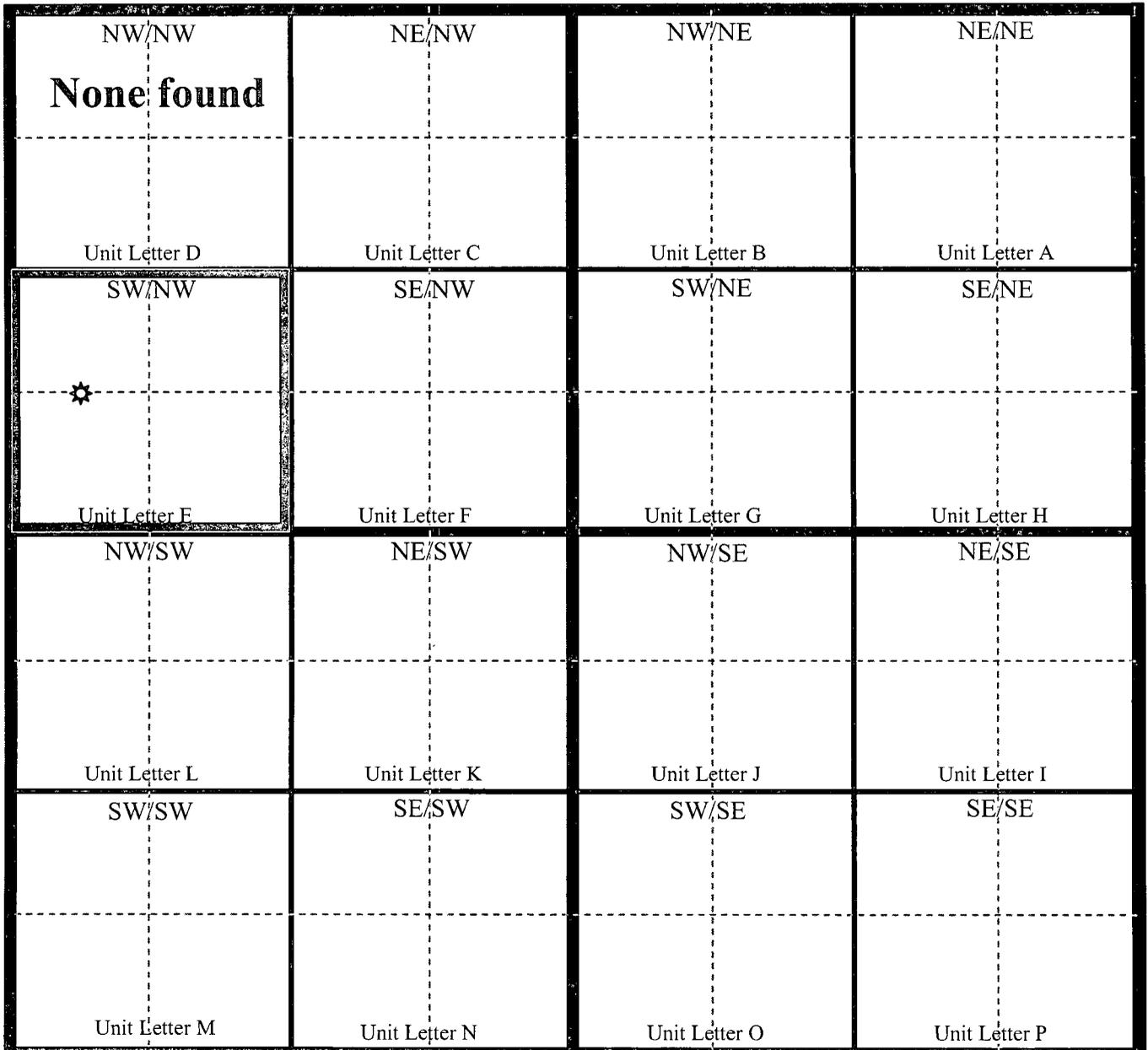
Oxy Pure Gold D Federal #17

County Eddy	Unit Letter E	Section 28	Township 23S	Range 31E
-----------------------	-------------------------	----------------------	------------------------	---------------------

Trend Map 200'

1

2



3

4

★ Location ○ OCD ○ USGS ● SEO ● All Databases

**Laboratory Analytical Results Summary
Pure Gold D #17**

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	9/12/13	9/12/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.054	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		240	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		62.6	31.7

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	9/12/13	9/12/13	9/12/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	<0.300
Chloride	SM4500Cl-B		128	64	80
GRO	TPH 8015M		<10.0	n/a	<10.0
DRO	TPH 8015M		<10.0	n/a	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	9/12/13	9/12/13	9/12/13	9/12/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	<0.300
Chloride	SM4500Cl-B		592	224	112	112
GRO	TPH 8015M		<10.0	n/a	n/a	<10.0
DRO	TPH 8015M		<10.0	n/a	n/a	85

September 17, 2013

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: PURE GOLD D #17

Enclosed are the results of analyses for samples received by the laboratory on 09/13/13 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,



Caley 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: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1FT (H302214-01)

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	09/17/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	0.054	0.050	09/17/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/17/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/17/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/17/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 89.4-126

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	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	62.6	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 86.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.3 % 63.6-154

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:	09/13/2013	Sampling Date:	09/12/2013
Reported:	09/17/2013	Sampling Type:	Soil
Project Name:	PURE GOLD D #17	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	128		

Sample ID: SP1 @ 2FT (H302214-02)

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	09/17/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/17/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/17/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/17/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/17/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	31.7	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 90.9 % 65.2-140
Surrogate: 1-Chlorooctadecane 96.5 % 63.6-154

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:	09/13/2013	Sampling Date:	09/12/2013
Reported:	09/17/2013	Sampling Type:	Soil
Project Name:	PURE GOLD D #17	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	128		

Sample ID: SP2 @ 1FT (H302214-03)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	<10.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 87.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.2 % 63.6-154

Sample ID: SP2 @ 2FT (H302214-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/16/2013	ND	432	108	400	3.77		

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* = 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: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP2 @ 3FT (H302214-05)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 89.4-126

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	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	<10.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

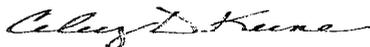
Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.6 % 63.6-154

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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: 09/13/2013
 Reported: 09/17/2013
 Project Name: PURE GOLD D #17
 Project Number: NOT GIVEN
 Project Location: 128

 Sampling Date: 09/12/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP3 @ 1FT (H302214-06)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	<10.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.7 % 63.6-154

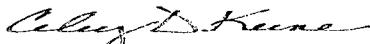
Sample ID: SP3 @ 2FT (H302214-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/16/2013	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:	09/13/2013	Sampling Date:	09/12/2013
Reported:	09/17/2013	Sampling Type:	Soil
Project Name:	PURE GOLD D #17	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	128		

Sample ID: SP3 @ 3FT (H302214-08)

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/16/2013	ND	432	108	400	3.77		

Sample ID: SP3 @ 4FT (H302214-09)

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	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 89.4-126

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/16/2013	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	85.0	10.0	09/16/2013	ND	163	81.5	200	12.6		

Surrogate: 1-Chlorooctane 87.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

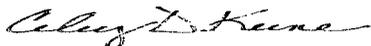
Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																					
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: OKY																							
Project Name: Pure Gold A #17		City:																							
Project Location: 128		State:																							
Sampler Name: Gary Ray		Phone #:																							
Fax #:		Zip:																							
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.			SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
H302214															CL	TPH	BTEX								
1	SP1@ 1FF	6	2			X				X			9-12-13	9:40	X	X	X								
2	SP2@ 2FF	6	2			X				X			9-12-13	9:55	X	X	X								
3	SP2@ 2FF	6	2			X				X			9-12-13	10:48	X	X	X								
4	SP2@ 2FF	6	2			X				X			9-12-13	11:05	X	X	X								
5	SP2@ 3FF	6	2			X				X			9-12-13	11:25	X	X	X								
6	SP3@ 1FF	6	2			X				X			9-12-13	1:15	X	X	X								
7	SP3@ 2FF	6	2			X				X			9-12-13	1:35	X	X	X								
8	SP3@ 3FF	6	2			X				X			9-12-13	1:45	X	X	X								
9	SP3@ 4FF	6	2			X				X			9-12-13	2:05	X	X	X								

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Relinquished By:	Date: 9-13-13 Time: 8:00	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: Add'l Fax #:	
Relinquished By:	Date: 9-16-13 Time: 10:50	Received By:	REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) 			

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

4.0 °C #54

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold D Federal #17	Facility Type	
Surface Owner	BLM	Mineral Owner	
		API No. 30-015-27112	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	28	23S	31E	1980'	N	330'	W	Eddy Co.

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	3 bbls of oil and 11 bbls of produced water	Volume Recovered	0 bbls
Source of Release	3 inch poly production flow line	Date and Hour of Occurrence	08/12/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD, Jennifer VanCuren and James Amos- BLM		
By Whom?	Rachael McPherson	Date and Hour	08/12/2013 @ 2:08 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

RECEIVED
MAY 27 2014
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A three inch poly production flow line was compromised spilling 3 bbls of oil and 11 bbls of production water onto the ground. No fluids were recovered and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*
The areas affected are the location pad and pasture. 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:	Chancey Summers	Approved by District Supervisor:			
Title:	HES Specialist	Approval Date:	Expiration Date:		
E-mail Address:	Chancey.Summers@oxy.com	Conditions of Approval:			Attached <input type="checkbox"/>
Date:	8/22/13	Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary