

Closure Report

RECEIVED

OCT 10 2013

NMOCD ARTESIA

Site Description	
Site Name:	Pure Gold B Federal #20 <i>2RP-1461</i>
Company:	Oxy Permian Ltd.
Legal Description:	U/L P, Section 20, T23S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.28597° W 103.7916°

Release Data	
Date of Release:	12/07/2012
Type of Release:	Produced Water
Source of Release:	2" Y strainer with 1/4" hole around
Volume of Release:	20 bbls
Volume Recovered:	0 bbls

Remediation Specifications	
Remediation Parameters:	Excavate across the entire leak site to a depth of 6 inches. Obtain confirmation samples of the bottom and sidewalls. Then, the site will be backfilled with clean soil.
Remediation Activities:	09/16/2013 to 09/24/2013

Plan Sent to OCD:	01/22/2013	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/25/2013	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	12/07/2012	Email from Cliff Brunson to Amos, VanCuren
BLM Approval of Plan:	12/13/2012	Email from J. VanCuren to Cliff Brunson

Supporting Documentation	
Initial C-141	Signed 12/18/2012
Final C-141	Signed 10/08/2013
Site Diagram	December 2012
Groundwater Plot	150'-175'
TOPO Maps	December 2012
Lab Summary	12/20/12-12/21/12
Lab Analysis	12/20/12-12/21/12
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.	10/08/2013

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 B Federal #20	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM-38463

LOCATION OF RELEASE

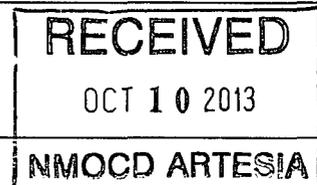
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	20	23S	31E	1260'	South	250'	East	Eddy

Latitude N 32.28597° Longitude W 103.7916°

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	20 bbls	Volume Recovered	0 bbls
Source of Release	2" Y Strainer with 1/4" hole around	Date and Hour of Occurrence	12/7/2012 @ 8:00 am	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- OCD; James Amos- BLM		
By Whom?	Chancey Summers	Date and Hour	12/7/2012 @ 2:10 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 2" Y Strainer with 1/4" hole around caused 20 bbls of produced water to leak onto the ground. The source of the leak was repaired.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 200' x 20'. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

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:	12-18-12	Phone:	(575) 397-8216

* Attach Additional Sheets If Necessary

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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 B Federal #20	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM-38463

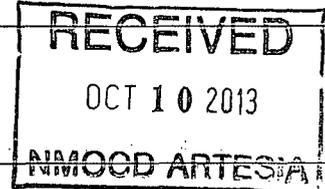
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	20	23S	31E	1260'	South	250'	East	Eddy

Latitude N 32.28597° Longitude W 103.7916°

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	20 bbls	Volume Recovered	0 bbls
Source of Release	2" Y Strainer with 1/4" hole around	Date and Hour of Occurrence	12/7/2012 @ 8:00 am	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- OCD; James Amos- BLM		
By Whom?	Chancey Summers	Date and Hour	12/7/2012 @ 2:10 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 2" Y Strainer with 1/4" hole around caused 20 bbls of produced water to leak onto the ground. The source of the leak was repaired.

Describe Area Affected and Cleanup Action Taken.*
The area affected is approximately 200' x 20'. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 01/25/13 and agreed upon verbally by the BLM.

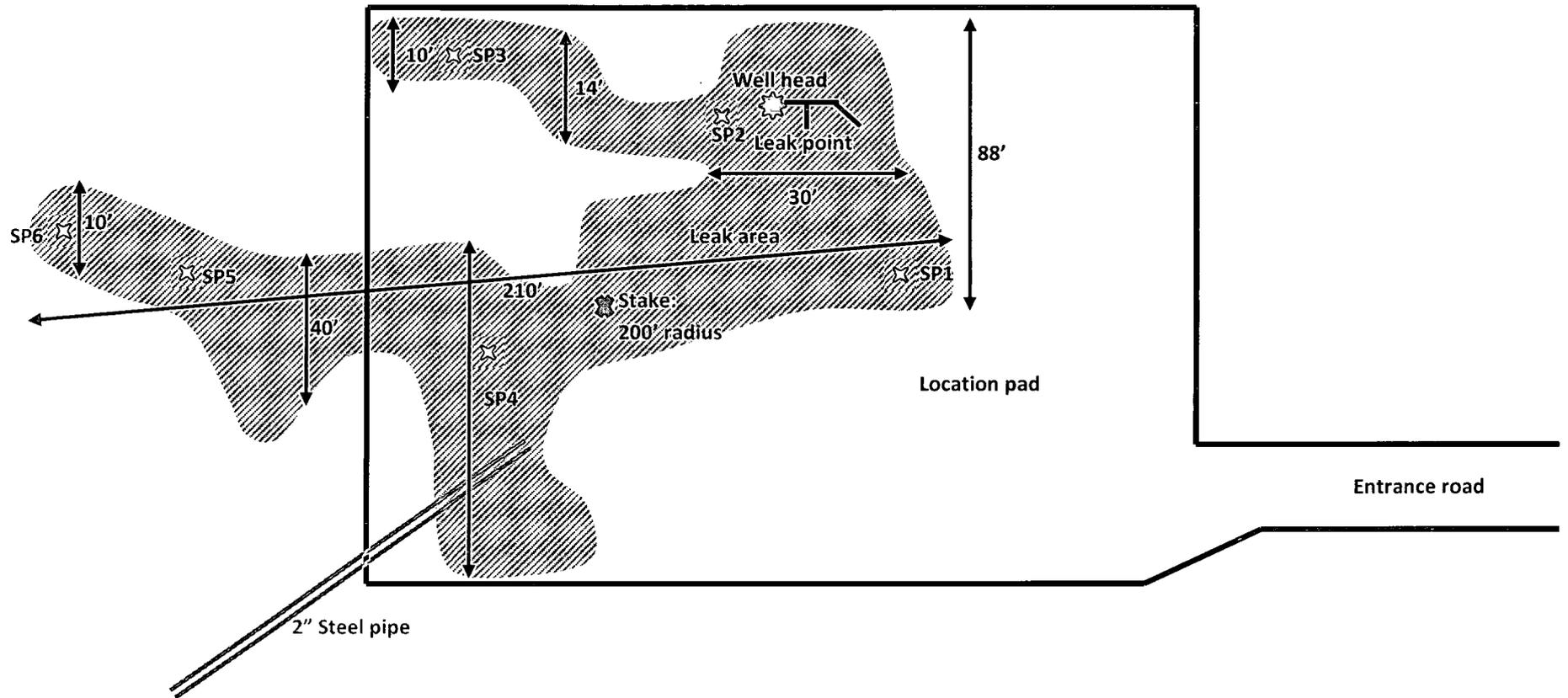
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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:	<u>OIL CONSERVATION DIVISION</u>		
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: 10/8/13	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary



Oxy
Pure Gold B Federal #20



U/L P, Section 20, T23S, R31E
1260' FSL and 250' FEL
Eddy County, NM
N 32.285970° W 103.7916°

BBC International, Inc.	
Oxy	
Pure Gold B Federal #20	
Date: 12/11/12	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2012



Groundwater Plot

OXY Pure Gold B Federal #20

County
Eddy

Unit Letter
P

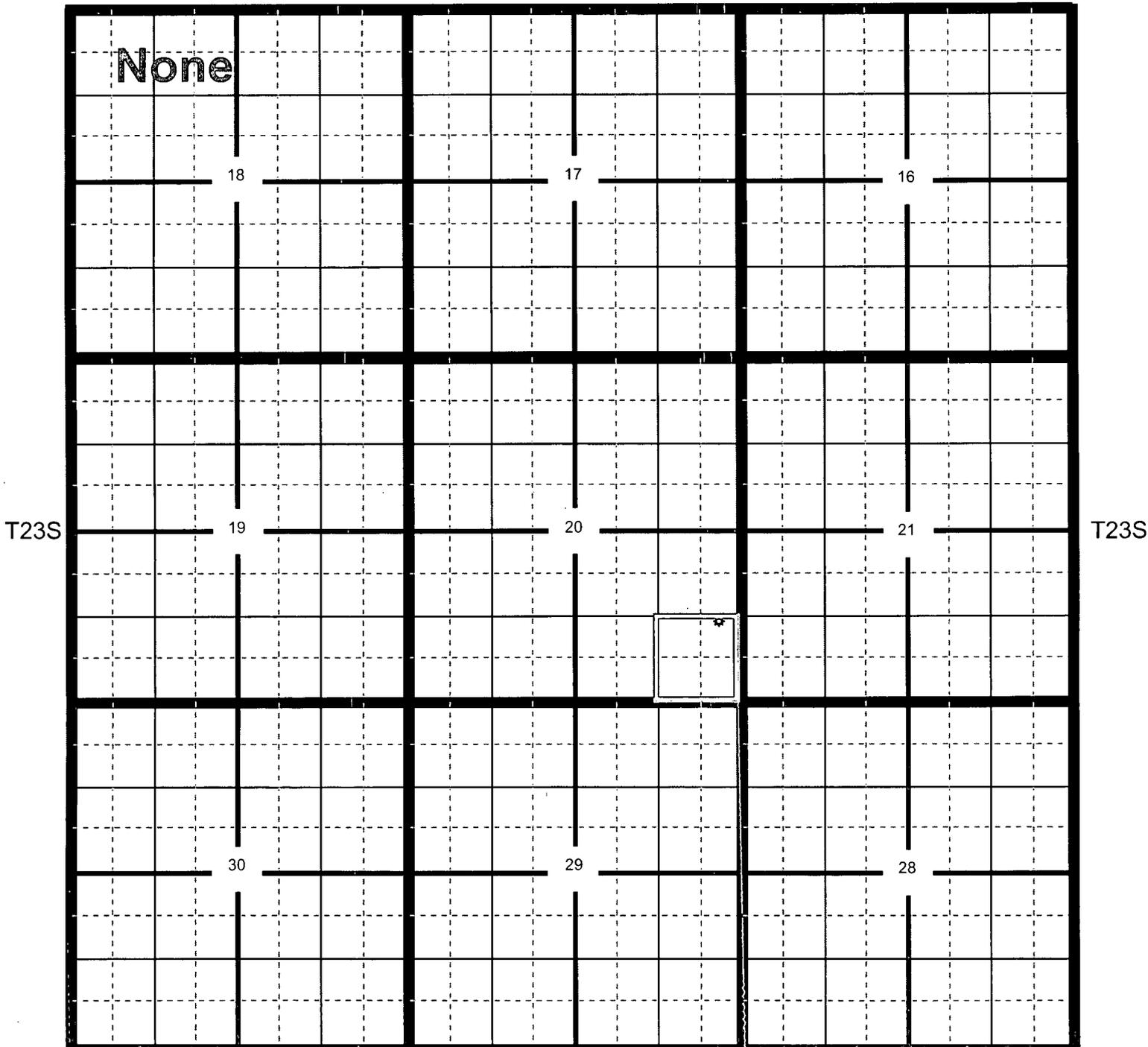
Section
20

Township
23S

Range
31E

Trend Map 150'-175'

R31E



★ Location

○ OCD

○ USGS

○ SEO

● All Databases

Oxy Pure Gold B Federal #20

County Eddy Unit Letter P Section 20 Township 23S Range 31E

Trend Map 150'

1

2

NW/NW None	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE 
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

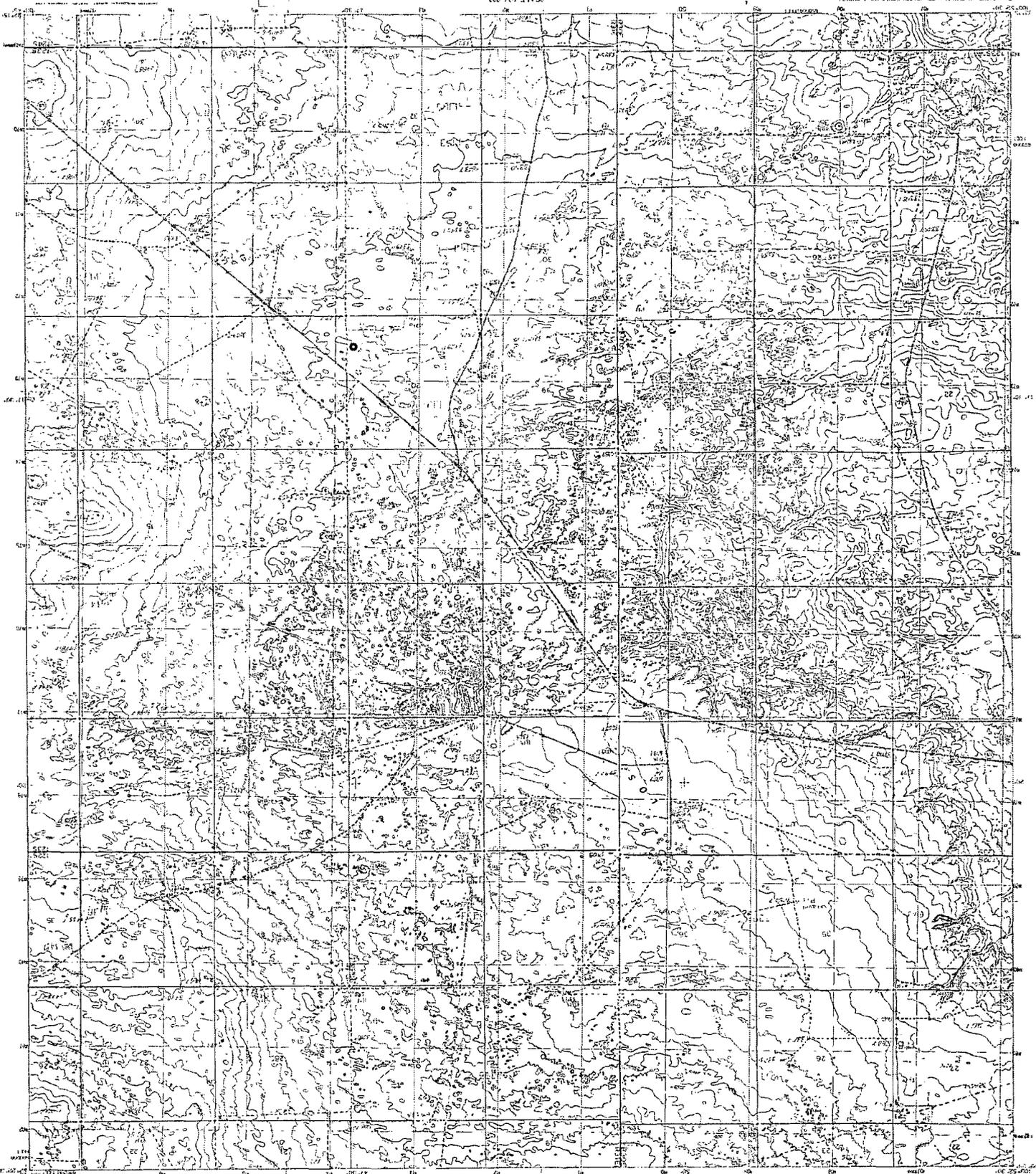
3

4

Oxy Pure Gold B Federal #20

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOS MICHAS GUADRANGLE
NEW MEXICO EDITED BY
U.S. MINING SERIES (TOPOGRAPHIC)



ROAD LAYOUT
Improved Road
Trail
SALT ROAD
SALT POND

LEGEND OF SYMBOLS

1	2	3	4	5	6	7	8	9	10
...

SCALE 1:250,000
CONTOUR INTERVAL, 10 FEET

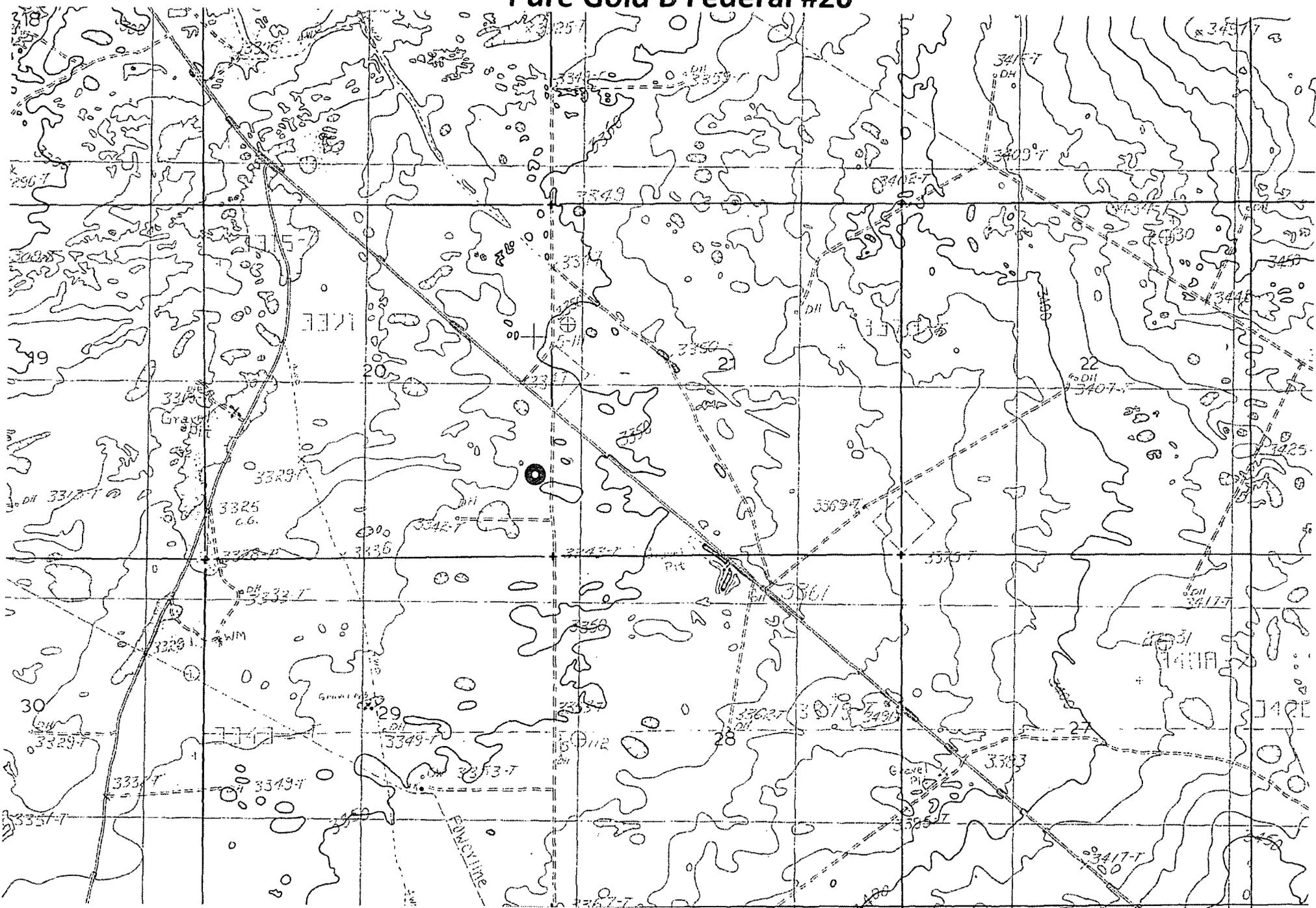
PROVISIONAL MAP
Produced from original
material drawn as of date of
field check.

CONTOUR INTERVAL, 10 FEET
This map shows the topographic features of the area shown on the original map. It is based on the original map and has been revised to show the latest available information. The map is based on the original map and has been revised to show the latest available information. The map is based on the original map and has been revised to show the latest available information.

LOS MICHAS GUADRANGLE
NEW MEXICO EDITED BY
U.S. MINING SERIES (TOPOGRAPHIC)

Oxy

Pure Gold B Federal #20



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

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	12/20/12	12/20/12	12/20/12
			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		240	544	240
GRO	TPH 8015M		<10.0	N/A	N/A
DRO	TPH 8015M		<10.0	N/A	N/A

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	12/20/12	12/20/12	12/20/12
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		288	384	240

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	12/20/12	12/20/12
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	N/A
Toluene	BTEX 8021B		<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	N/A
Chloride	SM4500Cl-B		128	96
GRO	TPH 8015M		<10.0	N/A
DRO	TPH 8015M		<10.0	N/A

		Sample	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	12/20/12	12/20/12
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		32	48

		Sample	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	12/21/12	12/21/12
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	N/A
Toluene	BTEX 8021B		<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	N/A
Chloride	SM4500Cl-B		64	80
GRO	TPH 8015M		<10.0	N/A
DRO	TPH 8015M		<10.0	N/A

		Sample	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	12/21/12	12/21/12
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		64	48

December 31, 2012

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 12/26/12 16:55.

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/ga/lab_accred_certif.html.

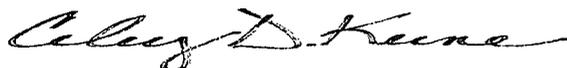
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:	12/26/2012	Sampling Date:	12/20/2012
Reported:	12/31/2012	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' (H203089-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2012	ND	1.84	92.2	2.00	14.1		
Toluene*	<0.050	0.050	12/29/2012	ND	1.96	97.8	2.00	14.9		
Ethylbenzene*	<0.050	0.050	12/29/2012	ND	1.87	93.7	2.00	15.9		
Total Xylenes*	<0.150	0.150	12/29/2012	ND	5.67	94.4	6.00	16.2		
Total BTEX	<0.300	0.300	12/29/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 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	12/31/2012	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/28/2012	ND	196	98.0	200	3.22		
DRO >C10-C28	<10.0	10.0	12/28/2012	ND	203	101	200	2.50		

Surrogate: 1-Chlorooctane 82.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.7 % 63.6-154

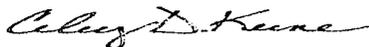
Sample ID: SP 1 @ 3' (H203089-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	12/31/2012	ND	432	108	400	7.69		

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:	12/26/2012	Sampling Date:	12/20/2012
Reported:	12/31/2012	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 @ 5' (H203089-03)

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	12/31/2012	ND	432	108	400	7.69		

Sample ID: SP 2 @ 1' (H203089-04)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/31/2012	ND	432	108	400	7.69		

Sample ID: SP 2 @ 3' (H203089-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	12/31/2012	ND	432	108	400	7.69		

Sample ID: SP 2 @ 4' (H203089-06)

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	12/31/2012	ND	432	108	400	7.69		

Cardinal Laboratories

*=Accredited Analyte

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

Received:	12/26/2012	Sampling Date:	12/20/2012
Reported:	12/31/2012	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 @ 1' (H203089-07)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2012	ND	1.84	92.2	2.00	14.1		
Toluene*	<0.050	0.050	12/29/2012	ND	1.96	97.8	2.00	14.9		
Ethylbenzene*	<0.050	0.050	12/29/2012	ND	1.87	93.7	2.00	15.9		
Total Xylenes*	<0.150	0.150	12/29/2012	ND	5.67	94.4	6.00	16.2		
Total BTEX	<0.300	0.300	12/29/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 117 % 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	128	16.0	12/31/2012	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/28/2012	ND	196	98.0	200	3.22		
DRO >C10-C28	<10.0	10.0	12/28/2012	ND	203	101	200	2.50		

Surrogate: 1-Chlorooctane 85.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.0 % 63.6-154

Sample ID: SP 3 @ 2' (H203089-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/31/2012	ND	432	108	400	7.69		

Cardinal Laboratories

*=Accredited Analyte

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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:	12/26/2012	Sampling Date:	12/20/2012
Reported:	12/31/2012	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 4 @ 1' (H203089-09)

Chloride, SM4500CI-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	12/31/2012	ND	432	108	400	7.69	

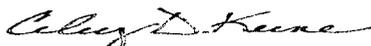
Sample ID: SP 4 @ 2' (H203089-10)

Chloride, SM4500CI-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	12/31/2012	ND	432	108	400	7.69	

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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:	12/26/2012	Sampling Date:	12/21/2012
Reported:	12/31/2012	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 5 @ 1' (H203089-11)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2012	ND	1.84	92.2	2.00	14.1		
Toluene*	<0.050	0.050	12/29/2012	ND	1.96	97.8	2.00	14.9		
Ethylbenzene*	<0.050	0.050	12/29/2012	ND	1.87	93.7	2.00	15.9		
Total Xylenes*	<0.150	0.150	12/29/2012	ND	5.67	94.4	6.00	16.2		
Total BTEX	<0.300	0.300	12/29/2012	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	64.0	16.0	12/31/2012	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/29/2012	ND	188	94.0	200	10.0		
DRO >C10-C28	<10.0	10.0	12/29/2012	ND	198	99.0	200	13.6		

Surrogate: 1-Chlorooctane 83.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.3 % 63.6-154

Sample ID: SP 5 @ 2' (H203089-12)

Chloride, SM4500CI-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	12/31/2012	ND	432	108	400	7.69		

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*=Accredited Analyte

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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:	12/26/2012	Sampling Date:	12/21/2012
Reported:	12/31/2012	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 6 @ 1' (H203089-13)

Chloride, SM4500Cl-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	12/31/2012	ND	432	108	400	7.69	

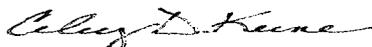
Sample ID: SP 6 @ 2' (H203089-14)

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	12/31/2012	ND	432	108	400	7.69	

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



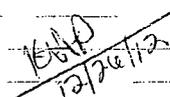
CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

282

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: Oxy		City:																									
Project Name: Pure Gold B Federal #20		State: Zip:																									
Project Location: Eddy County, NM		Phone #:																									
Sampler Name: Gary Ray		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	G G G G G	1 1 1 1 1	GROUNDWATER WASTEWATER	SOIL OIL SLUDGE	OTHER:	ACID/BASE: ICE/COOL OTHER:	DATE	TIME	C	BTEX	TPH															
H203009																											
11	SP5 @ 1'																				12/21/12	9:30am	✓	✓	✓		
12	SP5 @ 2'																				12/21/12	9:48am	✓				
13	SP6 @ 1'																				12/21/12	10:20am	✓				
14	SP6 @ 2'							12/31/12	10:40am	✓																	
 12/20/12																											

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Relinquished By: 	Date: 12/20/12 Time: 4:55	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) 	REMARKS:

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

#26

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Friday, January 25, 2013 11:23 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Oxy-Pure Gold B Federal #20-Remediation Plan

Reference: OXY USA * Pure Gold B Fed 20 * 30-015-30605 * P-20-23s-31e * Eddy County, New Mexico
NMOCD Reference Number: 2RP-1491 * Date of release: 12/7/12

Cliff,

Your proposal for remediation of the above reference release is approved. The site is situated on Federal surface and may 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, 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: Tuesday, January 22, 2013 8:36 AM
To: Bratcher, Mike, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Pure Gold B Federal #20-Remediation Plan

Mike,

This e-mail is to confirm our discussion on January 14, 2013 concerning the remediation plan for the release that occurred at the Oxy Pure Gold B Federal #20. I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. As agreed, Oxy will excavate 6 inches across the entire leak area at the site. The site will then be backfilled with clean soil. The depth to groundwater in this area is approximately 150-175 feet.

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

Oxy and I thank you for your assistance in handling this matter.

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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Kathy Purvis

From: Van Curen, Jennifer <jvancure@blm.gov>
Sent: Thursday, December 13, 2012 9:38 AM
To: Amos, James; cbrunson@bbcinternational.com; jgilkey@bbcinternational.com; kathy@bbcinternational.com; kswinney@bbcinternational.com
Subject: Re: PURE GOLD B FEDERAL 020

20 bbls PW / OIL LOST DUE TO 2" Y STRAINER WITH .25" HOLE. WILL TAKE SAMPLES AND SUBMIT PLAN FROM BBC.

WENT OUT TO LOOK AT SPILL AREA. SPILL DID NOT STAY ON THE WELL PAD. THERE IS A PORTION THAT LEFT THE WELL PAD TO THE WEST. WELL PAD CAN BE CLEANED UP BY SCRAPING TO DRY CALICHE, BUT THE AREA TO THE WEST WILL NEED TO BE SAMPLED AND REMOVED TO CLEAN SOIL. THIS AREA CAN BE BACK-FILLED WITH CALICHE TO 1' OF SURFACE AND THEN FINISHED OFF WITH LOCAL TOPSOIL. DELINEATION SAMPLES TO FIND BOTTOM AND SIDES OF SPILL WILL BE DUE BY 12-21-12.

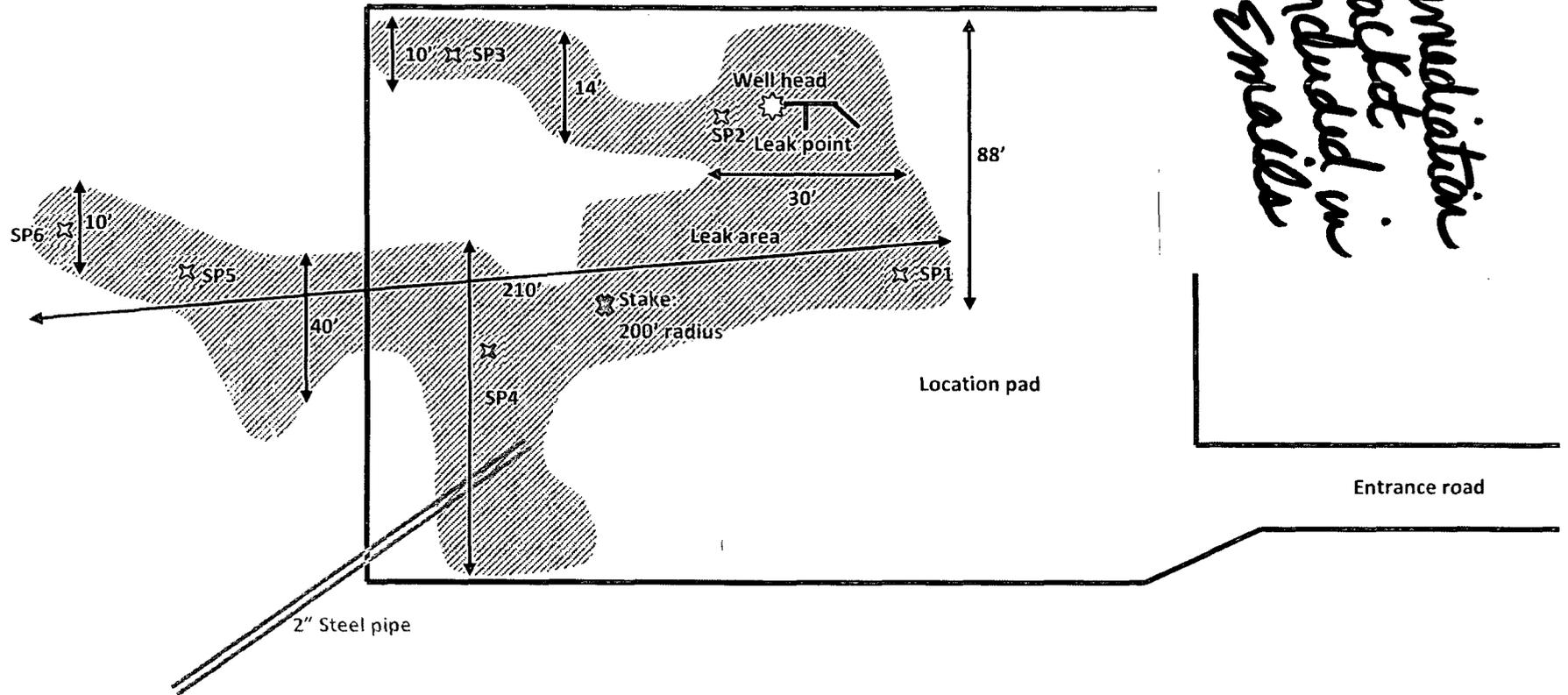
IF YOU HAVE ANY QUESTIONS PLEASE FEEL FREE TO CONTACT ME.

JENNIFER VAN CUREN

On Fri, Dec 7, 2012 at 2:13 PM, Amos, James <jamos@blm.gov> wrote:
Mike.Bratcher@state.nm.us, cbrunson@bbcinternational.com, jgilkey@bbcinternational.com, kathy@bbcinternational.com, kswinney@bbcinternational.com



Oxy
Pure Gold B Federal #20



*Remediation
Project
included in
emails*

U/L P, Section 20, T23S, R31E
1260' FSL and 250' FEL
Eddy County, NM
N 32.285970° W 103.7916°

BBC International, Inc.	
Oxy Pure Gold B Federal #20	
Date: 12/11/12	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2012

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

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	12/20/12	12/20/12	12/20/12
			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		240	544	240
GRO	TPH 8015M		<10.0	N/A	N/A
DRO	TPH 8015M		<10.0	N/A	N/A

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	12/20/12	12/20/12	12/20/12
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		288	384	240

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	12/20/12	12/20/12
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	N/A
Toluene	BTEX 8021B		<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	N/A
Chloride	SM4500Cl-B		128	96
GRO	TPH 8015M		<10.0	N/A
DRO	TPH 8015M		<10.0	N/A

		Sample	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	12/20/12	12/20/12
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		32	48

		Sample	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	12/21/12	12/21/12
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	N/A
Toluene	BTEX 8021B		<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	N/A
Chloride	SM4500Cl-B		64	80
GRO	TPH 8015M		<10.0	N/A
DRO	TPH 8015M		<10.0	N/A

		Sample	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	12/21/12	12/21/12
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		64	48



Groundwater Plot

OXY Pure Gold B Federal #20

County
Eddy

Unit Letter
P

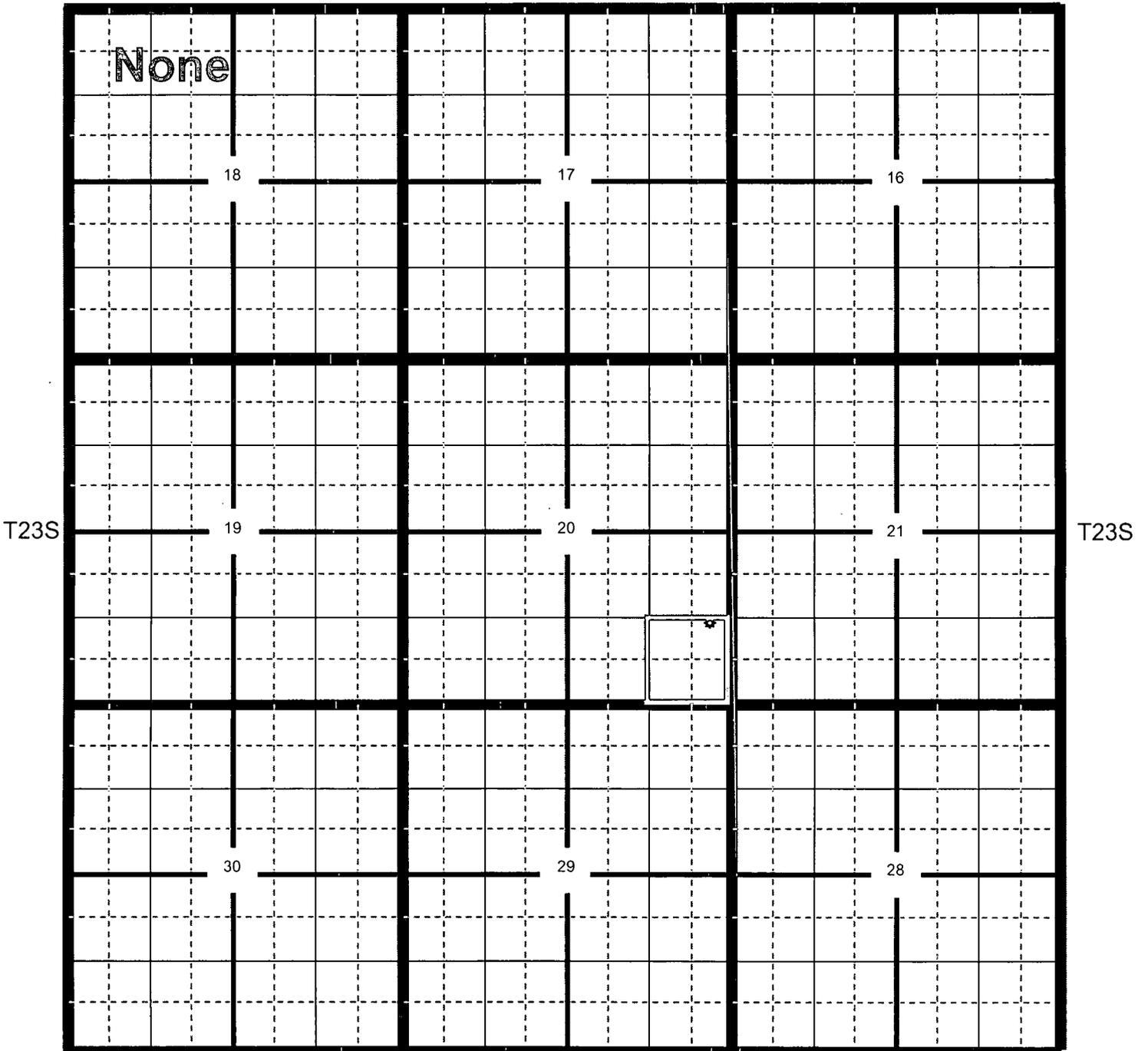
Section
20

Township
23S

Range
31E

Trend Map 150'-175'

R31E



★ Location

○ OCD

○ USGS

○ SEO

● All Databases



Section Quarters

Oxy Pure Gold B Federal #20

County Eddy	Unit Letter P	Section 20	Township 23S	Range 31E
----------------	------------------	---------------	-----------------	--------------

Trend Map 150'

1

2

NW/NW None	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE *
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

* Location
 ○ OCD
 ○ USGS
 ○ SEO
 * All Databases

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 B Federal #20	Facility Type	Gathering

Surface Owner	BLM	Mineral Owner		Lease No.	NM-38463
---------------	-----	---------------	--	-----------	----------

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	1260'	South	250'	East	Eddy

Latitude N 32.28597° Longitude W 103.7916°

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	20 bbls	Volume Recovered	0 bbls
Source of Release	2" Y Strainer with 1/4" hole around	Date and Hour of Occurrence	12/7/2012 @ 8:00 am	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- OCD; James Amos- BLM
-----------------------------	---	------------------	-------------------------------------

By Whom?	Chancey Summers	Date and Hour	12/7/2012 @ 2:10 pm
----------	-----------------	---------------	---------------------

Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
----------------------------	---	---	--

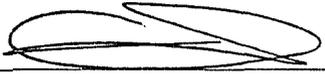
If a Watercourse was Impacted. Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A 2" Y Strainer with 1/4" hole around caused 20 bbls of produced water to leak onto the ground. The source of the leak was repaired.

Describe Area Affected and Cleanup Action Taken.*
The area affected is approximately 200' x 20'. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

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: 12-18-12	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary