

HOBBS OCD

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

APR 17 2014

RECEIVED

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 Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Gillully B Federal #18	Facility Type	Well
Surface Owner	Jimmy Cooper	Mineral Owner	
		API No. 30-025-25865	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	21	20S	37E	660	North	990	East	Lea County, NM

Latitude N 32.56390° Longitude W103.25058°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	4 bbls oil and 8 bbls water	Volume Recovered	0 bbls
Source of Release	Stuffing box leak	Date and Hour of Occurrence	12/08/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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.*

Describe Cause of Problem and Remedial Action Taken.*

A stuffing box leak caused 4 bbls of oil and 8 bbls of produced water to leak onto the ground. No fluids were recovered and the stuffing box was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 25' x 40' on location. Remediation was completed in accordance with a remediation plan approved by Geoffrey Leking of NMOCD via email on 03/10/2014 and Jennifer Van Curen of the BLM via email on 03/09/2014.

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 poses 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 liability should their operations have failed to adequately investigate and remediate contamination that poses 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 liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment.

Signature:

Printed Name: Chancey Summers

Title: HES Specialist

E-mail Address: Chancey.Summers@oxy.com

Date: 4-15-14

Phone: (575) 397-8216

Approved

Approval Date: 2/3/16

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

APPROVED

RP-4134

Closure Report

HOBBS OCD

APR 17 2014

Site Description		RECEIVED
Site Name:	Gilliully B Federal #18	
Company:	Oxy Permian Ltd.	
Legal Description:	U/L A, Section 21, T20S, R37E	
County:	Lea County, NM	
GPS Coordinates:	N 32.56401° W 103.25117°	

Release Data	
Date of Release:	12/08/2013
Type of Release:	Oil and Produced water
Source of Release:	Stuffing box leak
Volume of Release:	4 bbls oil and 8 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications		
Remediation Parameters:	Excavate the entire leak site to a depth of 2 feet and place a clay liner in the excavation. Backfill the excavation areas with clean soil.	
Remediation Activities:	4/7/14 to 4/9/14	
Plan Sent to OCD:	03/08/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	03/11/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	03/08/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	03/09/2014	Email from J. Van Curen to Cliff Brunson

Supporting Documentation	
Initial C-141	Signed 12/20/2013
Final C-141	Signed 04/15/2014
Site Diagram	January 2014
Groundwater Plot	<50'
TOPO Maps	January 2014
Lab Summary	01/30/2014
Lab Analysis	01/30/2014
Correspondence	Request and approval of remediation plan via email

Request for Closure	
Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.	
Cliff Brunson, President of BBC International Inc.	04/16/2014

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Energy Minerals and Natural Resources

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Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Gillully B Federal #18	Facility Type	Well
Surface Owner	Jimmy Cooper	Mineral Owner	
		API No.	30-025-25865

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	21	20S	37E	660	North	990	East	Lea County, NM

Latitude N 32.56390° Longitude W103.25058°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	4 bbls oil and 8 bbls water	Volume Recovered	0 bbls
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By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

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OIL CONSERVATION DIVISION

Signature:

Printed Name: Chancey Summers

Approved by Environmental Specialist:

Title: HES Specialist

Approval Date:

Expiration Date:

E-mail Address: Chancey.Summers@oxy.com

Conditions of Approval:

Attached ☐

Date: 12-20-13

Phone: (575) 397-8216

* Attach Additional Sheets If Necessary

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Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Gillully B Federal #18	Facility Type	Well
Surface Owner	Jimmy Cooper	Mineral Owner	API No. 30-025-25865

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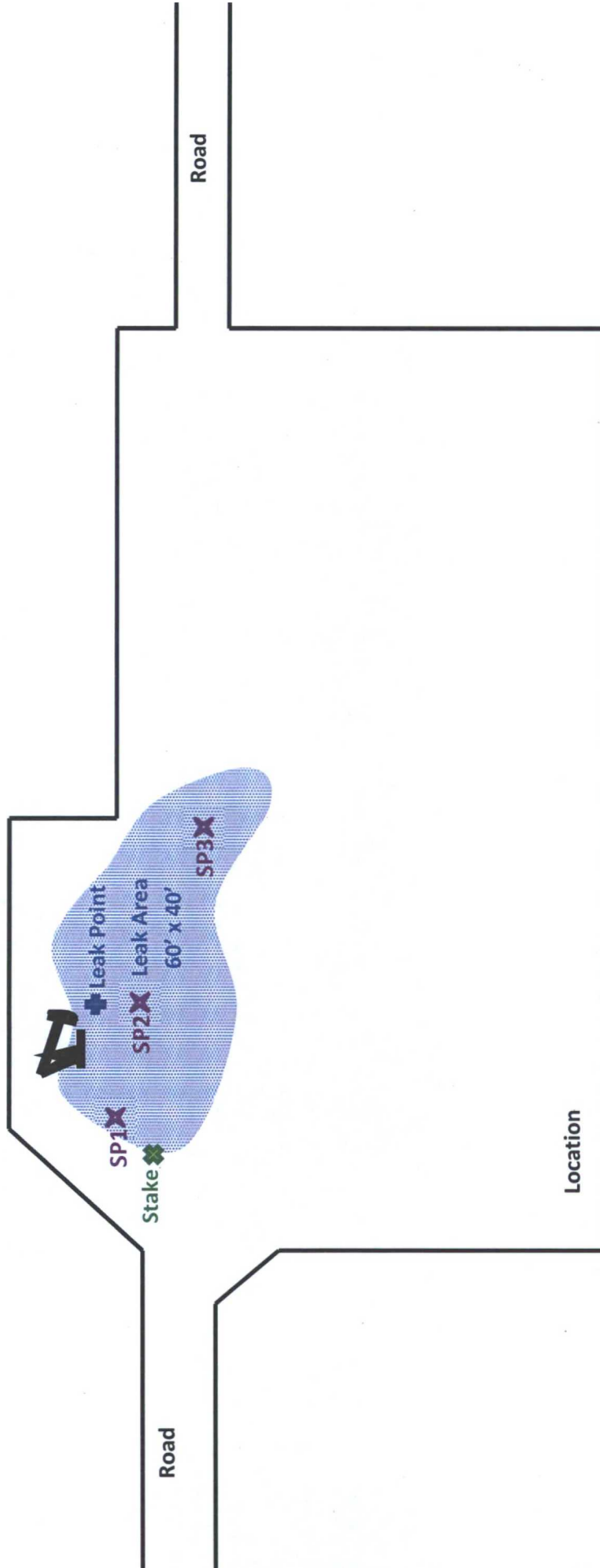
OIL CONSERVATION DIVISION

Signature:	Approved by Environmental Specialist:		
Printed Name: Chancey Summers			
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: <u>Chancey.Summers@oxy.com</u>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>12-20-12</u> Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary



Oxy
Gillully B Federal #18



U/L A, Section 21, T20S, R37E
660' FNL, 990' FEL
Lea County, NM
GPS at stake:
N 32.56401° W 103.25117°
API# 30-025-25865

BBC International, Inc.	
Oxy	
Gillully B Federal #18	
Date: 01/02/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013



Groundwater Plot

Oxy Gillully B Federal #18

County
Lea

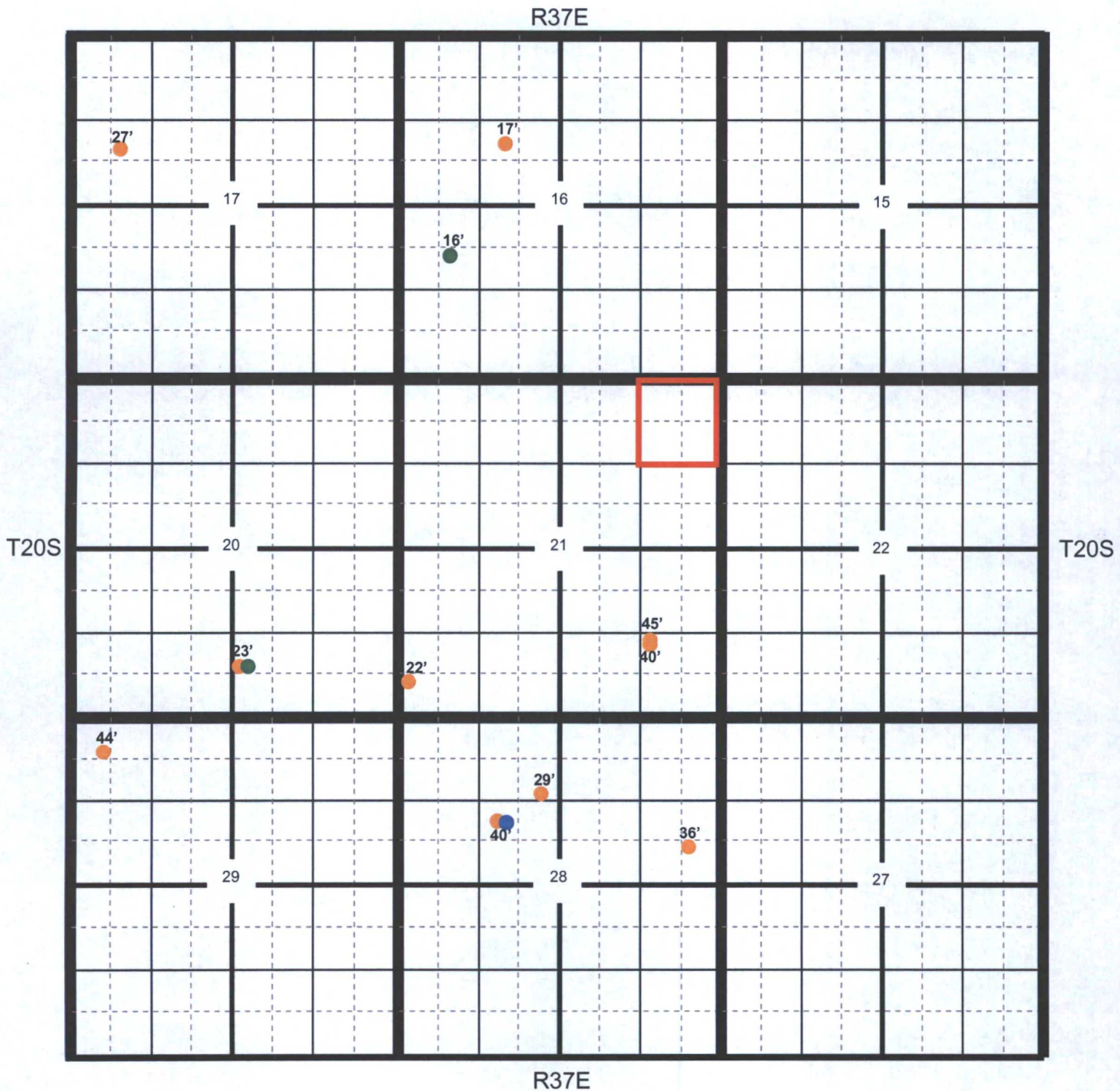
Unit Letter
A

Section
21

Township
20S

Range
37E

Trend Map <50'



Location

OCD

USGS

SEO

All Databases

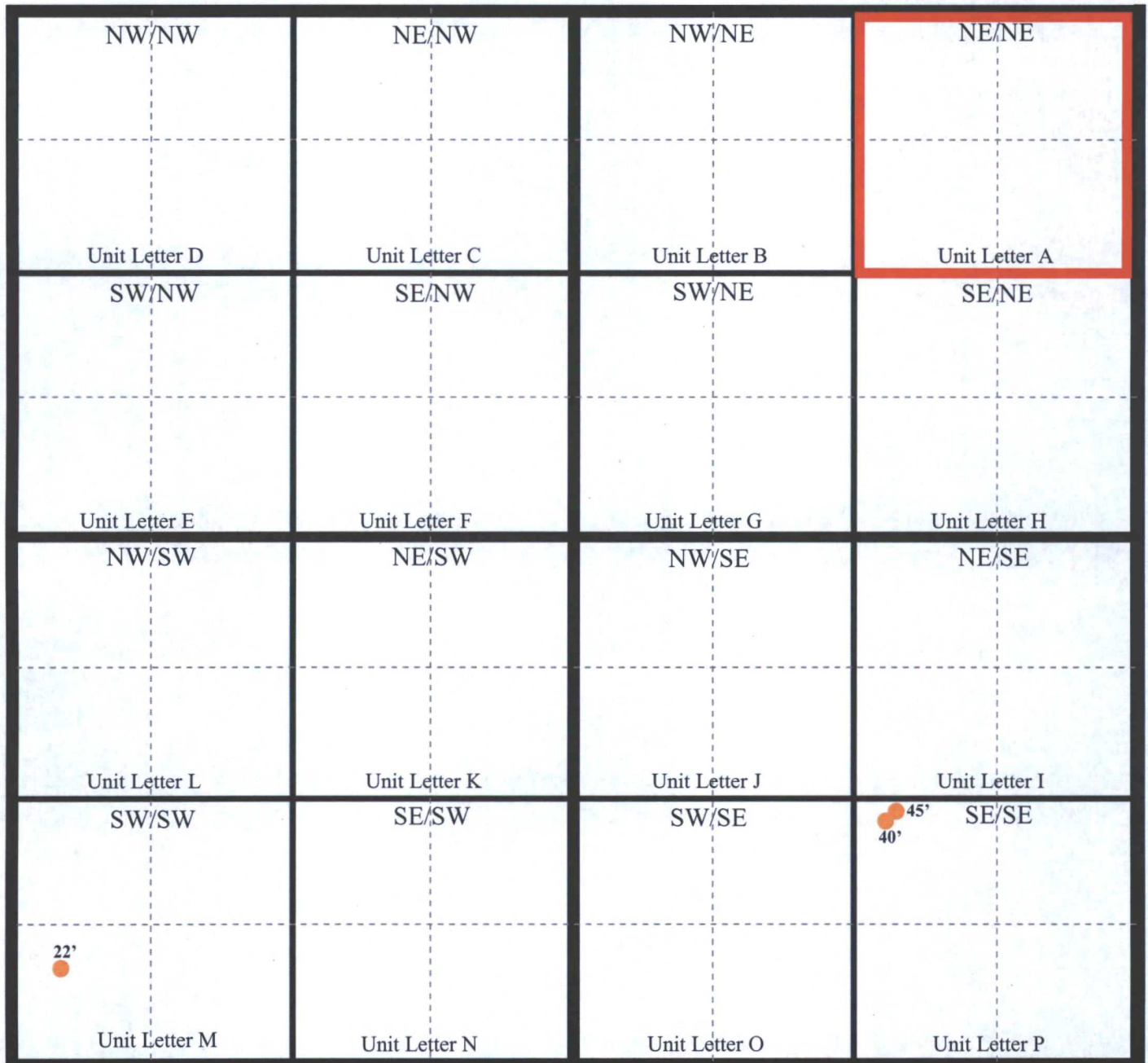
Oxy Gillully B Federal #18

County Lea Unit Letter A Section 21 Township 20S Range 37E

Trend Map <50'

1

2



3

4

Oxy

Gillully B Federal #18

MONUMENT SOUTH QUADRANGLE
NEW MEXICO-LEA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTRIBUTED FROM AERIAL PHOTOGRAPHS TAKEN IN 1958
FIELD CHECKED BY 1959 MAP EDITED BY 1960
PROJECTION TRANSVERSE MERCATOR
GRID 100-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13
BAMPTF FOOT HEART GRID TYPED NEW MEXICO EAST ZONE
UTM GRID DELETION/REPLACEMENT PWS EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1955
HORIZONTAL DATUM 1983 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move
the projection lines as shown by dashed corner ticks
(9 meters south and 84 meters east)
There may be private inclusions within the boundaries of any
Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from
manuscript drawings. Infor-
mation shown as of date of
field check.



QUADRANGLE LOCATION

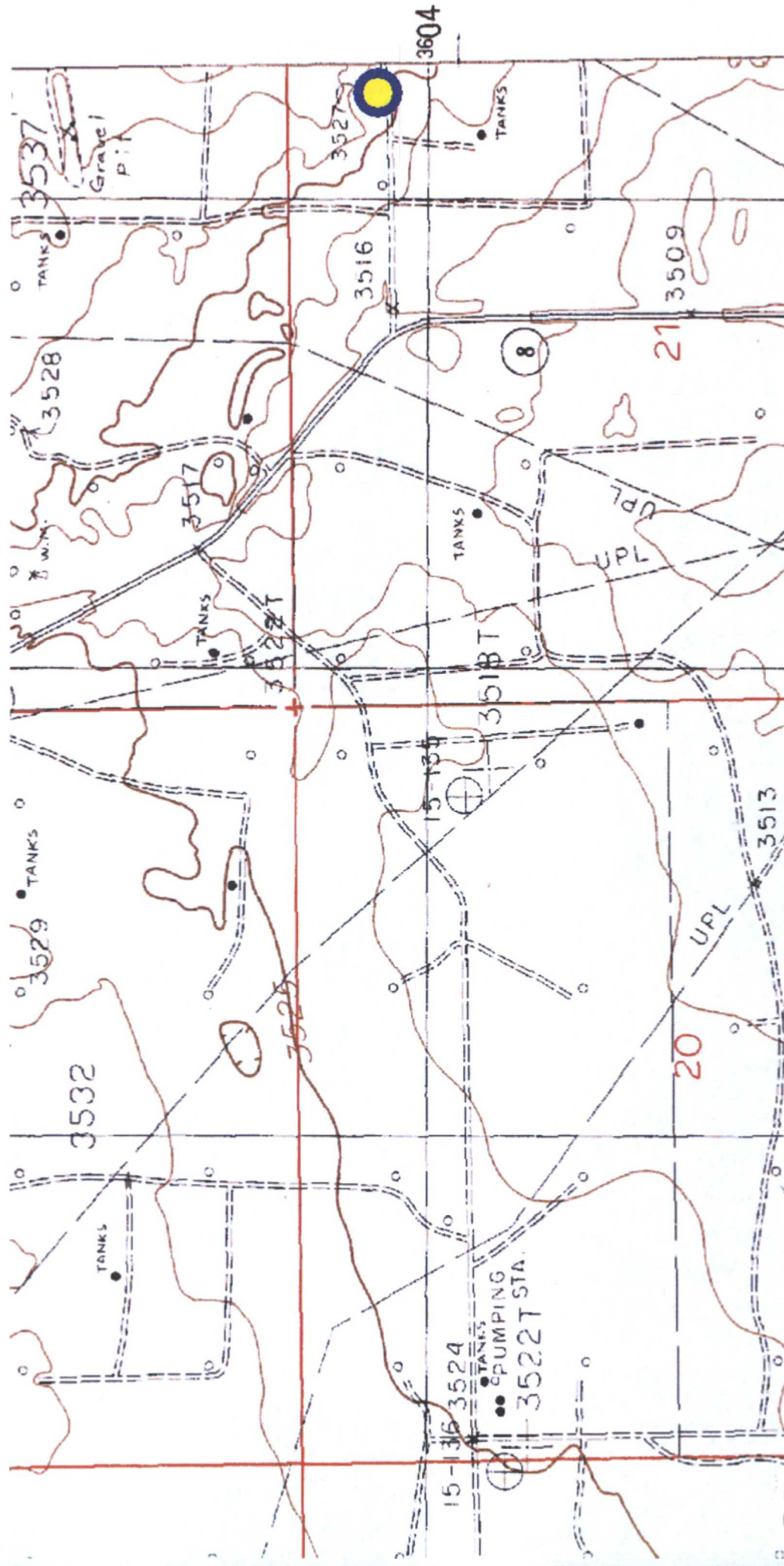
1	2	3
4	5	6
7	8	9

1. Monument South
2. Monument North
3. Monument West
4. Monument East
5. Monument South
6. Monument North
7. Monument West
8. Monument East
9. Monument South

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route
MONUMENT SOUTH, NEW MEXICO
PROVISIONAL EDITION 1965
32103-2-17-004

Oxy

Gillully B Federal #18



Laboratory Analytical Results Summary
Gillully B Fed #18

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 7'
Analyte	Method	Date	1/30/14	1/30/14	1/30/14	1/30/14	1/30/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		928	176	384	416	272

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 6'	SP2 @ 8'
Analyte	Method	Date	1/30/14	1/30/14	1/30/14	1/30/14	1/30/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		352	352	912	672	240

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 4'	SP3 @ 5'
Analyte	Method	Date	1/30/14	1/30/14	1/30/14	1/30/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		<16.0	32	928	<16.0

February 07, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: GILLULLY B FED #18

Enclosed are the results of analyses for samples received by the laboratory on 01/31/14 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at 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: 01/31/2014
Reported: 02/07/2014
Project Name: GILLULLY B FED #18
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/30/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H400314-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 2' (H400314-02)

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	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 1 @ 4' (H400314-03)

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	02/07/2014	ND	416	104	400	0.00	


Sample ID: SP 1 @ 6' (H400314-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/07/2014	ND	416	104	400	0.00		

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: 01/31/2014
Reported: 02/07/2014
Project Name: GILLULLY B FED #18
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/30/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 7' (H400314-05)

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	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 2 @ 1' (H400314-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 2 @ 2' (H400314-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 2 @ 4' (H400314-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	02/07/2014	ND	416	104	400	0.00	

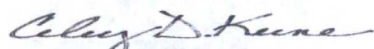
Sample ID: SP 2 @ 6' (H400314-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/07/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 01/31/2014
Reported: 02/07/2014
Project Name: GILLULLY B FED #18
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/30/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 8' (H400314-10)

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	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 3 @ 1' (H400314-11)

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	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 3 @ 2' (H400314-12)

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	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 3 @ 4' (H400314-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 3 @ 5' (H400314-14)

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	02/07/2014	ND	416	104	400	0.00		

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



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

122

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:			
Address: P.O. Box 805		Attn:			
City: Hobbs		State: NM Zip: 88241			
Phone #: 575-397-6388		Fax #: 575-397-0397			
Project #:		Project Owner: Oxy			
Project Name: Gillully B FED #18		City:			
Project Location:		State: Zip:			
Sample Name: Gary Ray		Fax #:			
FOR LAB USE ONLY		PRESERV		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS		
148034	1SP121	GROUNDWATER	WASTEWATER		
1	1	SOIL	OIL		
2	1	SLUDGE	OTHER :		
3	1	ACID/BASE:	ICE / COOL		
4	1	OTHER :			
5	1				
6	1				
7	1				
8	1				
9	1				
10	1				
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92	1				
93	1				
94	1				
95	1				
96	1				
97	1				
98	1				
99	1				
100	1				

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Relinquished By: Gary Ray Date: 1-31-14 Received By: [Signature] Date: 1-31-14

Delivered By: [Signature] Time: 4:00

Sampler - UPS - Bus - Other: 4.70c

CHECKED BY: [Signature] (Initials)

REMARKS:

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

292

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST																														
Project Manager: Cliff Brunson		Company:																																
Address: P.O. Box 805		Attn:																																
City: Hobbs		State: NM Zip: 88241																																
Phone #: 575-397-6388		Fax #: 575-397-0397																																
Project #:		Project Owner: OKY																																
Project Name: Gully 73 Feb #18		City: SAME																																
Project Location:		State: Zip:																																
Sample Name: Grey Ray		Phone #:																																
FOR LAB USE ONLY		Fax #:																																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																									
		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE	TIME													
11	SP 30 1'		1																	1/30/14	145													
12	2'		1																	1/30/14	200													
13	4'		1																	1/30/14	230													
14	5'		1																	1/30/14	245													
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Relinquished By: Grey Ray		Date: 1/31/14		Received By: Cliff Brunson		Date: 1/31/14		Time: 4:00		Sample Condition: Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) [Signature]																						
Relinquished By: [Signature]		Date: 1/31/14		Received By: [Signature]		Date: 1/31/14		Time: 4:00		Sample Condition: Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) [Signature]																						
Delivered By: (Circle One)		Time: 4:00		Time: 4:00		Time: 4:00		Time: 4:00		Time: 4:00		Time: 4:00																						
Sampler - UPS - Bus - Other:		4:00		4:00		4:00		4:00		4:00		4:00																						

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

#54

Kathy Purvis

From: Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>
Sent: Monday, March 10, 2014 7:18 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-Gillully B Federal #18-Remediation Plan

Cliff

As per the below email and attachment as well as our meeting of 3/6/14, the remediation plan for the Gillully B Federal #18 is approved.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Saturday, March 08, 2014 5:44 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-Gillully B Federal #18-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on March 6, 2014 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 to a depth of 1 foot in the area of SP1 and two feet across the rest of the leak area (SP2 and SP3) as shown on the diagram. The area of the spill represented by SP2 and SP3 will have a clay liner installed then the entire spill area will 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
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From: Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>
Sent: Tuesday, March 11, 2014 9:29 AM
To: Cliff P. Brunson
Cc: Chancey_Summers@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Additional Comments on MLMU #139, Gillully B Federal #18 and Warren McKee Unit #501

Cliff

Thank you. I had no record of discussing surface scraping here. I did review the data and saw that only surface scraping was appropriate before I sent the prior email. I should have worded comment 3 more appropriately. Surface scraping at the SP3 location is approved. Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, March 10, 2014 7:59 PM
To: Leking, Geoffrey R, EMNRD
Cc: Chancey_Summers@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: Additional Comments on MLMU #139, Gillully B Federal #18 and Warren McKee Unit #501

Geoff,

Here are my comments to your 3 points below:

1. We will collect a sample at 7.5 feet to verify TPH is below the RRAL.
2. The entire spill area will be excavated to 2 feet and lined as requested.
3. If you would please review the lab data associated with SP3 again. There is no need to excavate this area to 3.5 feet. We respectfully ask you to reconsider as you and I had discussed to only conduct surface scraping in this area. Please advise.

Thank you,

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
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1324 W. Marland St.
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From: Geoffrey Leking <geoffreyr.leting@state.nm.us>
Date: Monday, March 10, 2014 10:19 AM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Cc: C J Summers <Chancey_Summers@oxy.com>
Subject: Additional Comments on MLMU #139, Gillully B Federal #18 and Warren McKee Unit #501

Cliff

- 1) MLMU #139 - Please collect a sample at 7.5' for TPH to verify that the concentration remained below the RRAL at this depth.
- 2) Gillully B Fed #18 - Please excavate to 2' and line @ SP1 as you are planning to do at SP2 and SP3. Please clarify if this is not possible.
- 3) Warren McKee Unit #501 - Please verify that you are excavating to 3.5' across the entire site as the figure displays only scraping at the SP3 area.

Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

Kathy Purvis

From: Van Curen, Jennifer <jvancure@blm.gov>
Sent: Sunday, March 09, 2014 4:11 PM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: OXY-Gillully B Federal #18-Remediation Plan

Approved with the stipulation that documentation is made in operators well file, so that this clay liner is not penetrated when well is plugged.

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 Sat, Mar 8, 2014 at 5:43 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 Geoff Leking of the NMOCD. Oxy will excavate to a depth of 1 foot in the area of SP1 and two feet across the rest of the leak area (SP2 and SP3) as shown on the diagram. The area of the spill represented by SP2 and SP3 will have a clay liner installed then the entire spill area will 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.

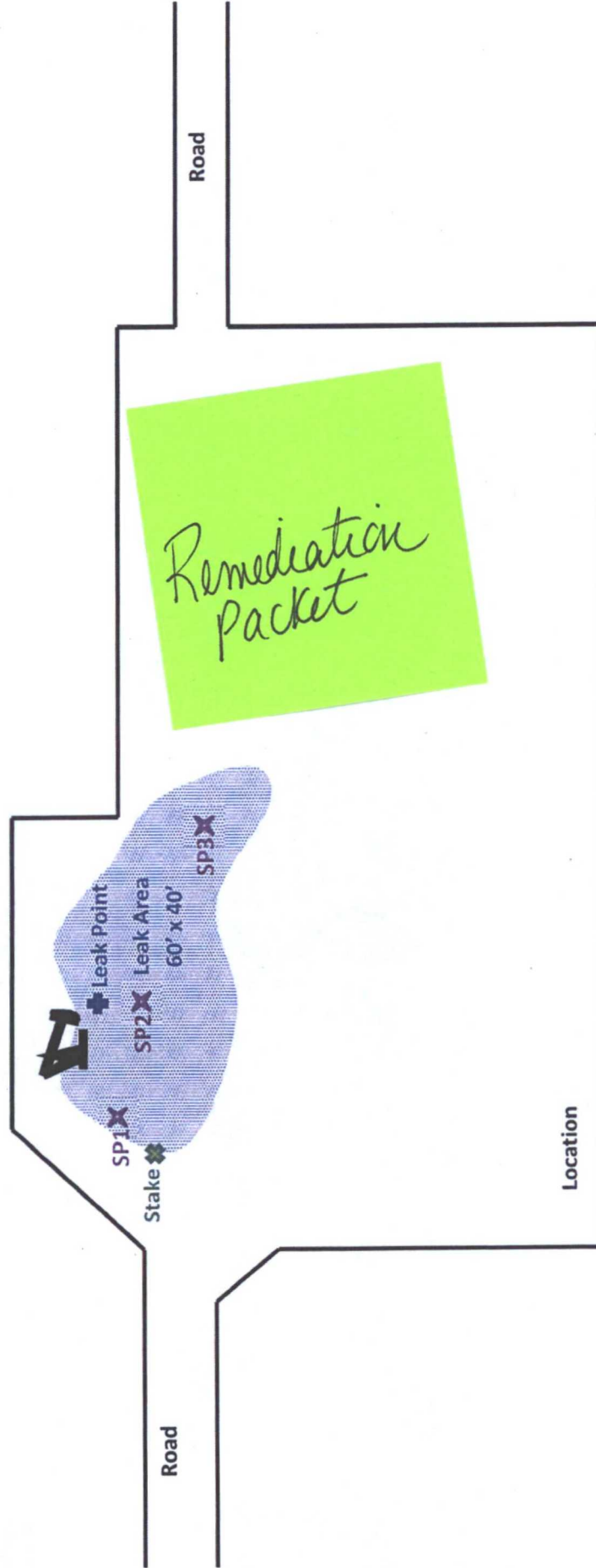
Thanks, Cliff

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:
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Phone: (575) 397-6388
Fax: (575) 397-0397
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Oxy
Gillully B Federal #18



U/L A, Section 21, T20S, R37E
660' FNL, 990' FEL
Lea County, NM
GPS at stake:
N 32.56401° W 103.25117°
API# 30-025-25865

BBC International, Inc.	
Oxy	
Gillully B Federal #18	
Date: 01/02/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013



Groundwater Plot

Oxy Gillully B Federal #18

County
Lea

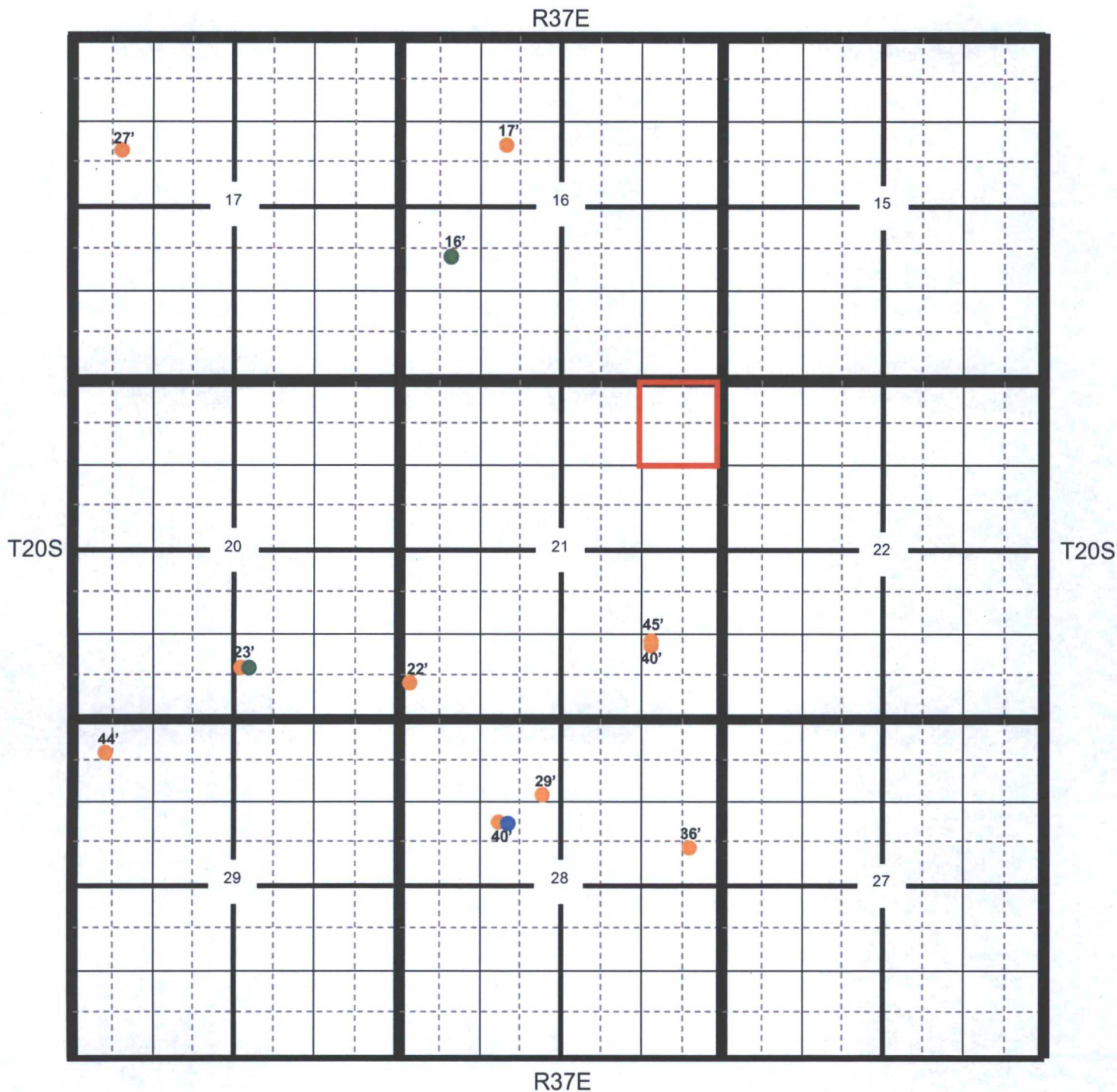
Unit Letter
A

Section
21

Township
20S

Range
37E

Trend Map <50'



Location

OCD

USGS

SEO

All Databases

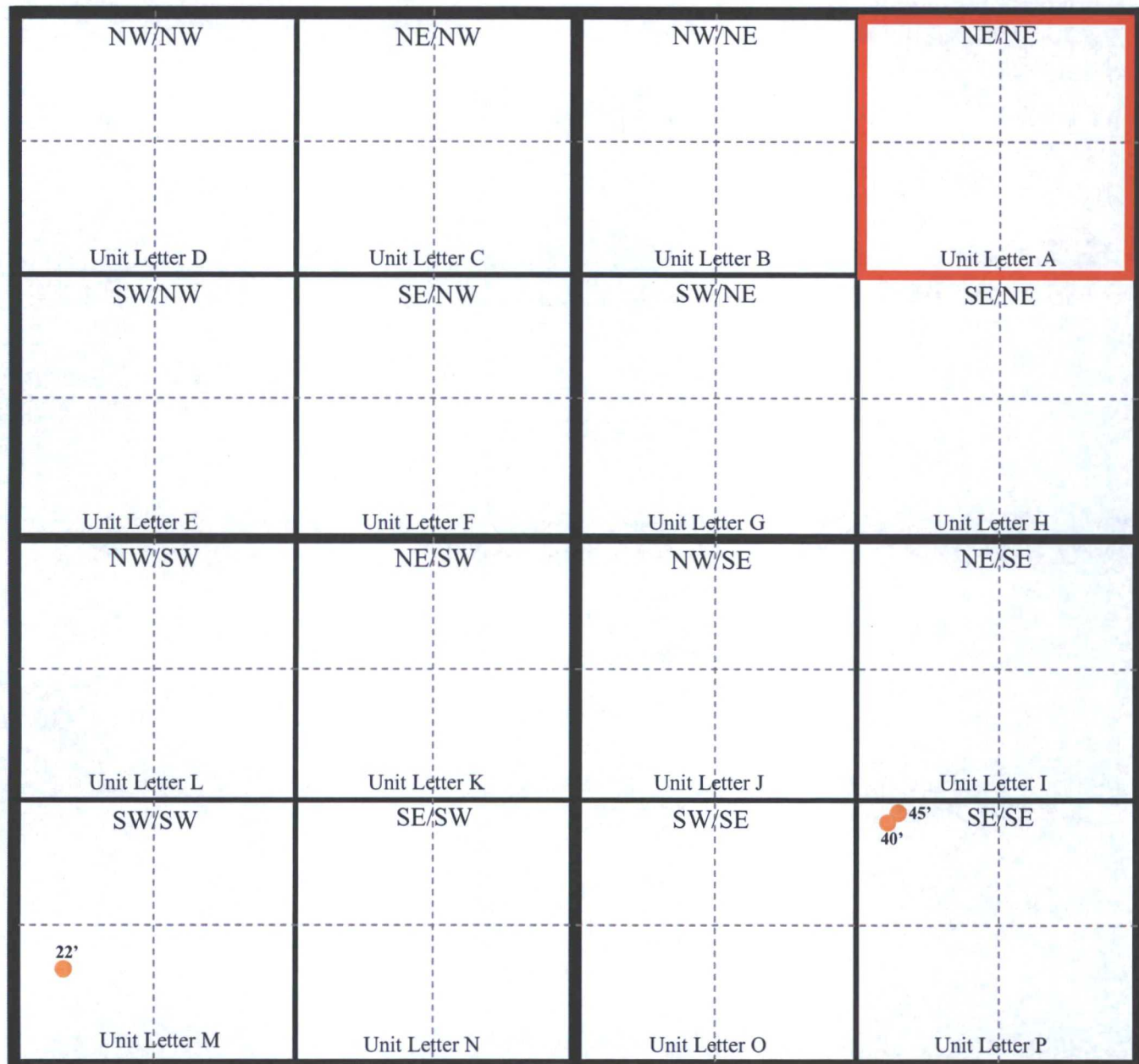
Oxy Gillully B Federal #18

County Lea Unit Letter A Section 21 Township 20S Range 37E

Trend Map <50'

1

2



3

4

Location

OCD

USGS

SEO

All Databases

Laboratory Analytical Results Summary
Gillully B Fed #18

Analyte	Method	Sample		SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 7'
		Date		1/30/14	1/30/14	1/30/14	1/30/14	1/30/14
Chloride	SM4500Cl-B			mg/Kg 928	mg/Kg 176	mg/Kg 384	mg/Kg 416	mg/Kg 272

Analyte	Method	Sample		SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 6'	SP2 @ 8'
		Date		1/30/14	1/30/14	1/30/14	1/30/14	1/30/14
Chloride	SM4500Cl-B			mg/Kg 352	mg/Kg 352	mg/Kg 912	mg/Kg 672	mg/Kg 240

Analyte	Method	Sample		SP3 @ 1'	SP3 @ 2'	SP3 @ 4'	SP3 @ 5'
		Date		1/30/14	1/30/14	1/30/14	1/30/14
Chloride	SM4500Cl-B			mg/Kg <16.0	mg/Kg 32	mg/Kg 928	mg/Kg <16.0

February 07, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: GILLULLY B FED #18

Enclosed are the results of analyses for samples received by the laboratory on 01/31/14 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at 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: 01/31/2014
Reported: 02/07/2014
Project Name: GILLULLY B FED #18
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/30/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H400314-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 2' (H400314-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 4' (H400314-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 6' (H400314-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/07/2014	ND	416	104	400	0.00	

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: 01/31/2014
Reported: 02/07/2014
Project Name: GILLULLY B FED #18
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/30/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 7' (H400314-05)

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	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 2 @ 1' (H400314-06)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 2 @ 2' (H400314-07)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 2 @ 4' (H400314-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 2 @ 6' (H400314-09)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	02/07/2014	ND	416	104	400	0.00		

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*=Accredited Analyte

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Celest 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: 01/31/2014
Reported: 02/07/2014
Project Name: GILLULLY B FED #18
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/30/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 8' (H400314-10)

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	02/07/2014	ND	416	104	400	0.00	

Sample ID: SP 3 @ 1' (H400314-11)

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	02/07/2014	ND	416	104	400	0.00				

Sample ID: SP 3 @ 2' (H400314-12)

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	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 3 @ 4' (H400314-13)

Chloride, SM4500Cl-B			mg/kg Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	02/07/2014	ND	416	104	400	0.00		

Sample ID: SP 3 @ 5' (H400314-14)

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	02/07/2014	ND	416	104	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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Celest 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

