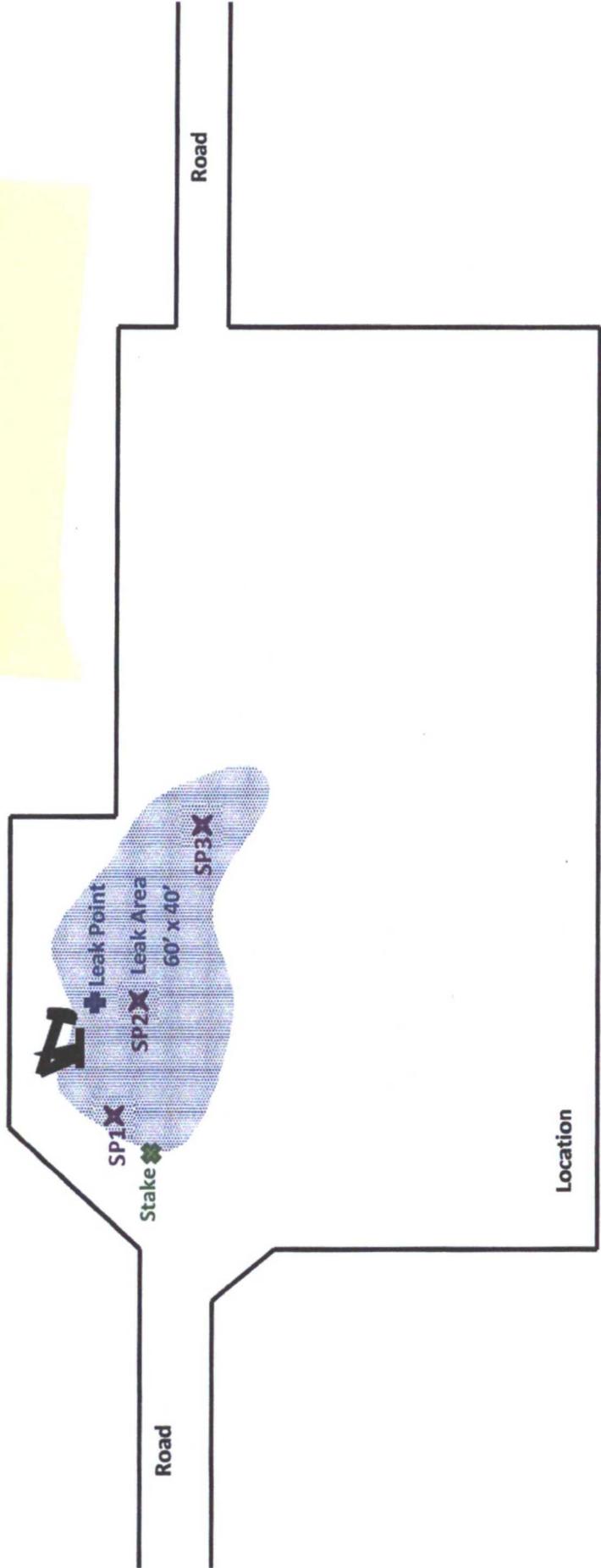




Oxy  
Gillully B Federal #18

60 TO 2' & LINE  
⑨ SPI



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

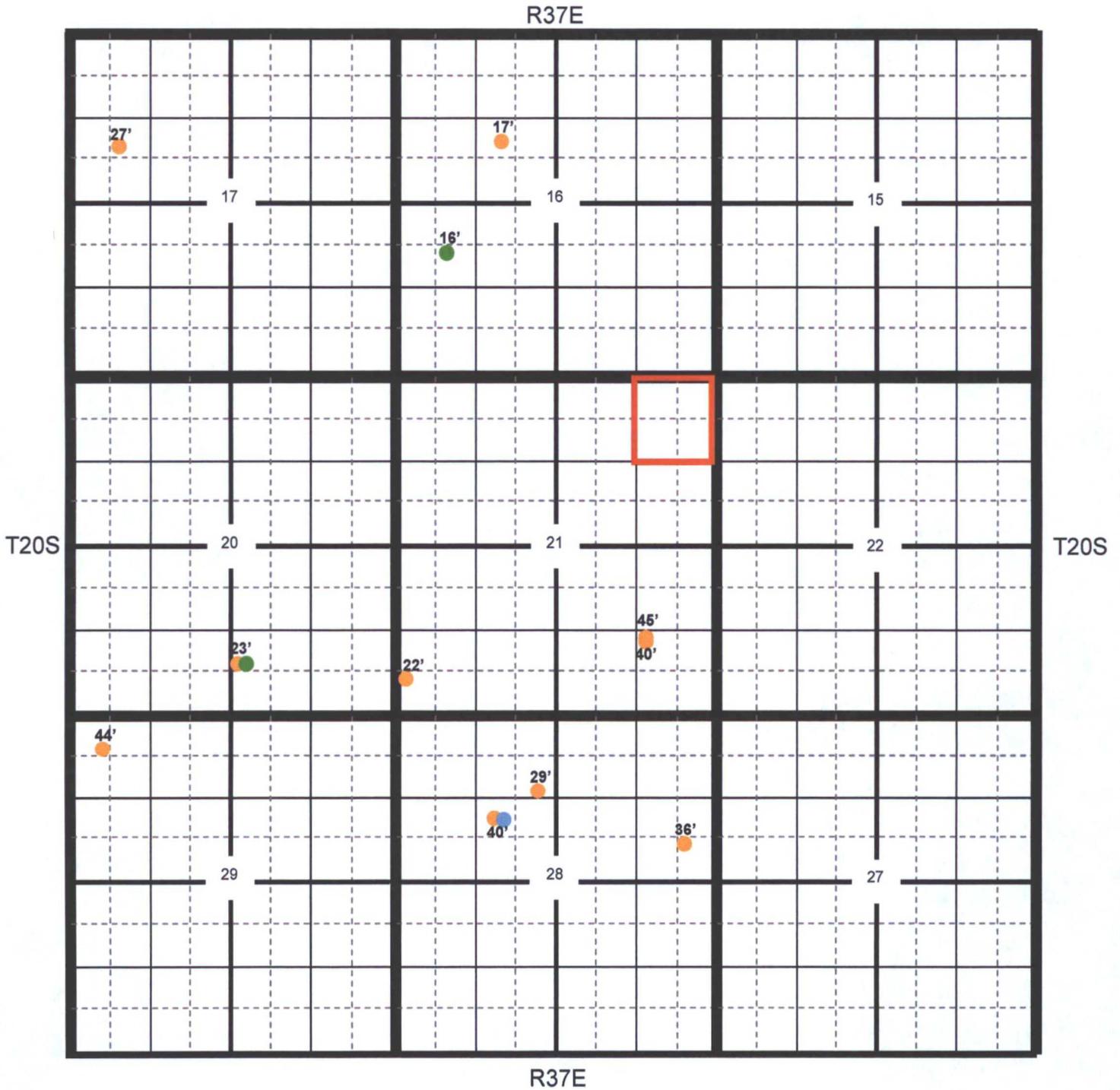
Unit Letter  
A

Section  
21

Township  
20S

Range  
37E

Trend Map <50'



Location

OCD

USGS

SEO

All Databases

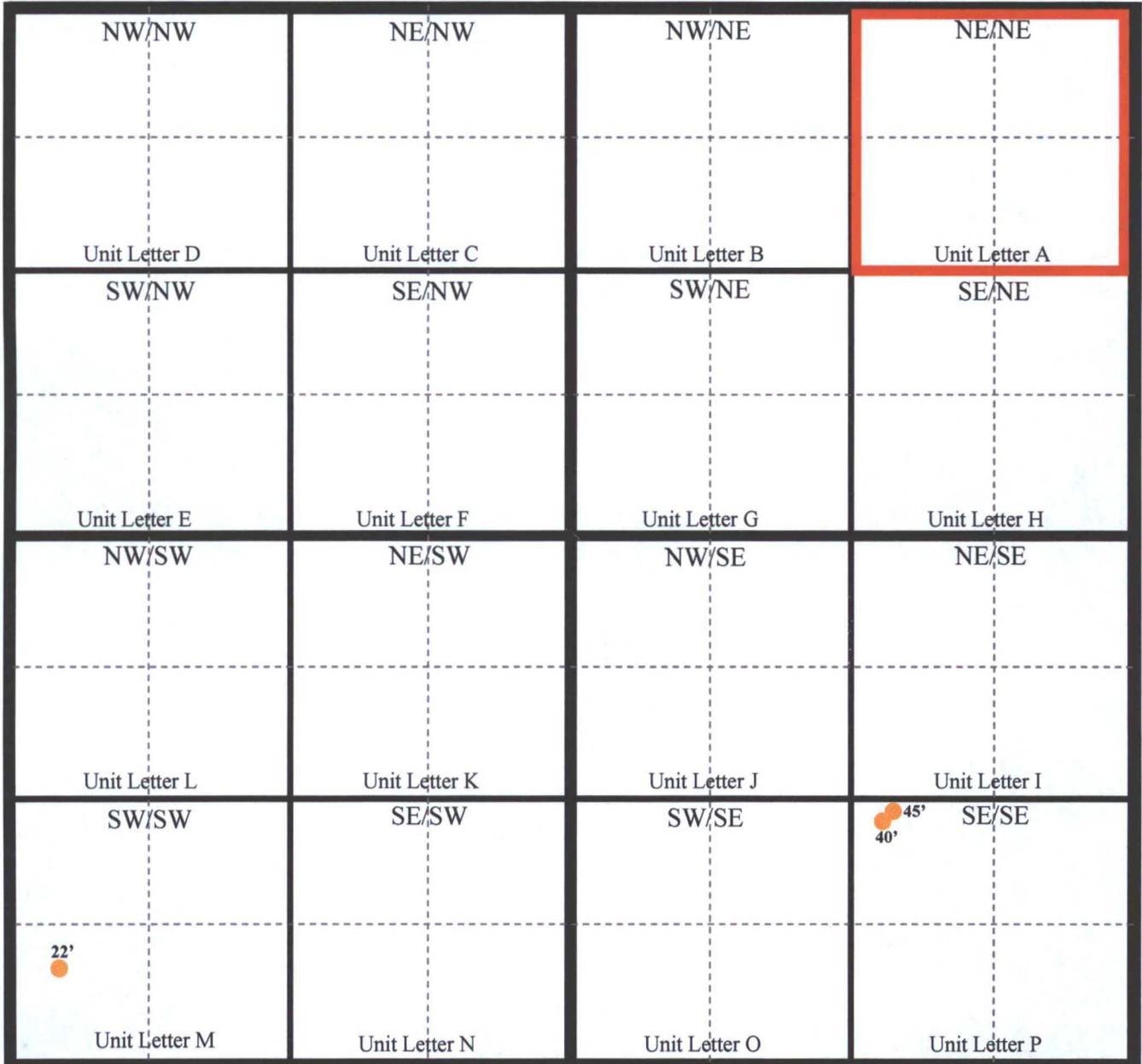
## Oxy Gillully B Federal #18

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

Trend Map <50'

1

2



3

4

Laboratory Analytical Results Summary  
Gillully B Fed #18

	Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 7'
Analyte	Date	1/30/14	1/30/14	1/30/14	1/30/14	1/30/14
	Method	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	Date	1/30/14	1/30/14	1/30/14	1/30/14	1/30/14
	Method	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B	362	362	912	672	240

	Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 4'	SP3 @ 5'
Analyte	Date	1/30/14	1/30/14	1/30/14	1/30/14
	Method	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](http://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	Sampling Date:	01/30/2014
Reported:	02/07/2014	Sampling Type:	Soil
Project Name:	GILLULLY B FED #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**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	Sampling Date:	01/30/2014
Reported:	02/07/2014	Sampling Type:	Soil
Project Name:	GILLULLY B FED #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**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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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	Sampling Date:	01/30/2014
Reported:	02/07/2014	Sampling Type:	Soil
Project Name:	GILLULLY B FED #18	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**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		

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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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\*=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**

**ANALYSIS REQUEST**

182

Company Name: BBC International, Inc.		P.O. #:	BILL TO						
Project Manager: Cliff Brunson		Company:							
Address: P.O. Box 805		City:							
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: SANE							
Project Location:		State:	Zip:						
Sampler Name: Gary Ray		Phone #:							
FOR LAB USE ONLY		Fax #:							
Lab I.D. #48034	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
1	SP1e1		1	GROUNDWATER			1-30-14	080	CHLORIDE
2	SP1e1		1	WASTEWATER			1-30-14	035	
3	SP1e1		1	SOIL			1-30-14	1015	
4	SP1e1		1	OIL			1-30-14	1045	
5	SP2e1		1	SLUDGE			1-30-14	1100	
6	SP2e1		1	OTHER:			1-30-14	1138	
7	SP2e1		1	ACID/BASE:			1-30-14	1150	
8	SP2e1		1	ICE / COOL			1-30-14	1715	
9	SP2e1		1	OTHER:			1-30-14	1745	
10	SP2e1		1				1-30-14	1715	

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Relinquished By: Gary Ray

Date: 1-31-14

Time: 4:00

Received By: [Signature]

Date: 1-31-14

Time: 4:20

Relinquished By: [Signature]

Date: 1-31-14

Time: 4:20

Received By: [Signature]

Delivered By: (Circled) [Signature]

Sampler - UPS - Bus - Other: 4.70c

Sample Condition:  Cool  Ambient

Interferes:  Yes  No

CHECKED BY: [Signature]

Phone Result:  Yes  No

Fax Result:  Yes  No

ADD'l Phone #: \_\_\_\_\_

ADD'l Fax #: \_\_\_\_\_

REMARKS:

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

#54



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

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

2/2

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		Address: SAME																	
Project #:		Project Owner: ORY		City:																	
Project Name: Gillyly 73 FED # 18		State:		Zip:																	
Project Location:		Phone #:																			
Sampler Name: Grey Ray		Fax #:																			
FOR LAB USE ONLY		PRESERV		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME															
11	SP 30 1'		1	GROUNDWATER	1/30/14	145															
12	3'		1	WASTEWATER	1/30/14	200															
13	4'		1	SOIL	1/30/14	230															
14	5'		1	OIL	1/30/14	240															
				SLUDGE																	
				OTHER :																	
				ACID/BASE:																	
				ICE / COOL																	
				OTHER :																	
Relinquished By: Grey Ray		Date: 1-31-14		Received By: Cliff Brunson		Date: 1-31-14		Time: 4:00		Sample Condition: Cool Intact		CHECKED BY: (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		Time: 4:20		Signature: [Handwritten]		Time: 4:20		Signature: [Handwritten]		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		[Handwritten]									
Sampler - UPS - Bus - Other:		4-70																			

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

#54

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**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 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:	<b>OIL CONSERVATION DIVISION</b>		
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 <input type="checkbox"/>
Date: 12-20-13	Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary