

Closure Report

Site Description

Site Name:	Elliot Hall A #001
Company:	Oxy Permian Ltd.
Legal Description:	U/L A, Section 30, T19S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.63701° W 103.79900°

Release Data

Date of Release:	04/22/2014
Type of Release:	Produced water
Source of Release:	Excess pressure of a check valve on a 3" steel flow line
Volume of Release:	20 bbls
Volume Recovered:	3 bbls

Remediation Specifications

Remediation Parameters:	Excavate the entire leak site to a depth of 6 inches. Then, backfill the site with clean soil.	
Remediation Activities:	10/07/2014 to 10/08/2014	
Plan Sent to OCD:	08/07/2014	Meeting between C. Brunson & T. Oberding
OCD Approval of Plan:	08/07/2014	Meeting between C. Brunson & T. Oberding
Plan Sent to BLM:	06/30/2014	Meeting between C. Brunson & J. Van Curen
BLM Approval of Plan:	06/30/2014	Meeting between C. Brunson & J. Van Curen

Supporting Documentation

Initial C-141	Signed 05/01/2014
Final C-141	Signed 10/23/2014
Site Diagram	May 2014
Groundwater Plot	625'
TOPO Maps	May 2014
Lab Summary	08/02/2014
Lab Analysis	08/02/2014
Correspondence	N/A

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.

10/28/2014

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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Elliot Hall A #001	Facility Type	Well Location
Surface Owner	State	Mineral Owner	API No. 30-025-20104

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	30	19S	32E	660	North	660	East	Lea County, NM

Latitude N 32.63690° Longitude W 103.79910°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	20 bbls	Volume Recovered	3 bbls
Source of Release	Excess pressure on a check valve on a 3" steel production flow line	Date and Hour of Occurrence	04/22/2014	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?	Geoffrey Leking, NMOCD		
By Whom?	Kathy Purvis, BBC International	Date and Hour	04/22/2014 @ 4:20 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.*

Excess pressure on a check valve on a 3" steel production flow line caused 20 bbls of produced water to leak onto the ground. A vacuum truck recovered 3 bbls of produced water and the issue was resolved.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 25' x 70' about 5 feet from the well head on location. Remediation will be completed in accordance with a plan approved by NMOCD.

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: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 5-1-14	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary

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Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Elliot Hall A #001	Facility Type	Well Location

Surface Owner	State	Mineral Owner		API No.	30-025-20104
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LOCATION OF RELEASE

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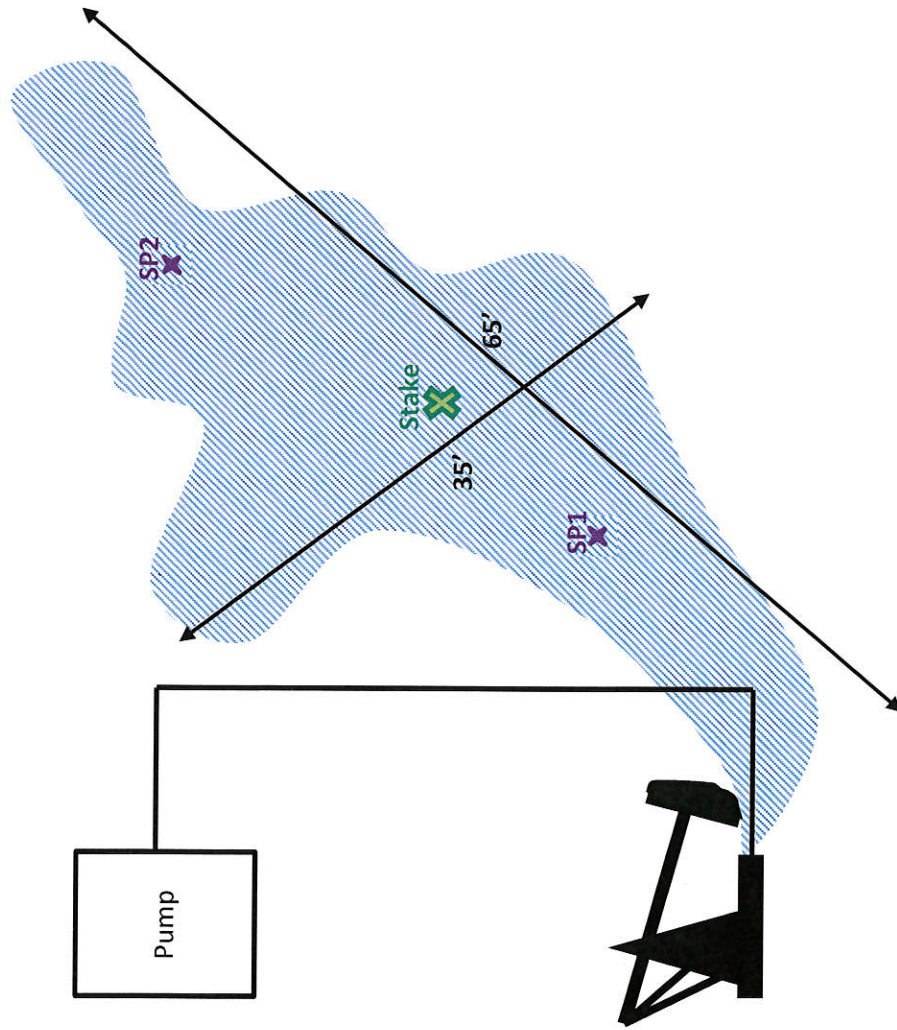
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Signature: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher_Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>10/23/14</u>	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary



Oxy
Elliot Hall A #001



U/L A, Section 30, T19S, R32E
Lea County, NM
N 32.63701° W 103.79900°
API# 30-025-20104

BBC International, Inc.	
Oxy	
Elliot Hall A #001	
Date: 05/06/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014

Groundwater Plot

Oxy Elliot Hall A #001

County
Lea

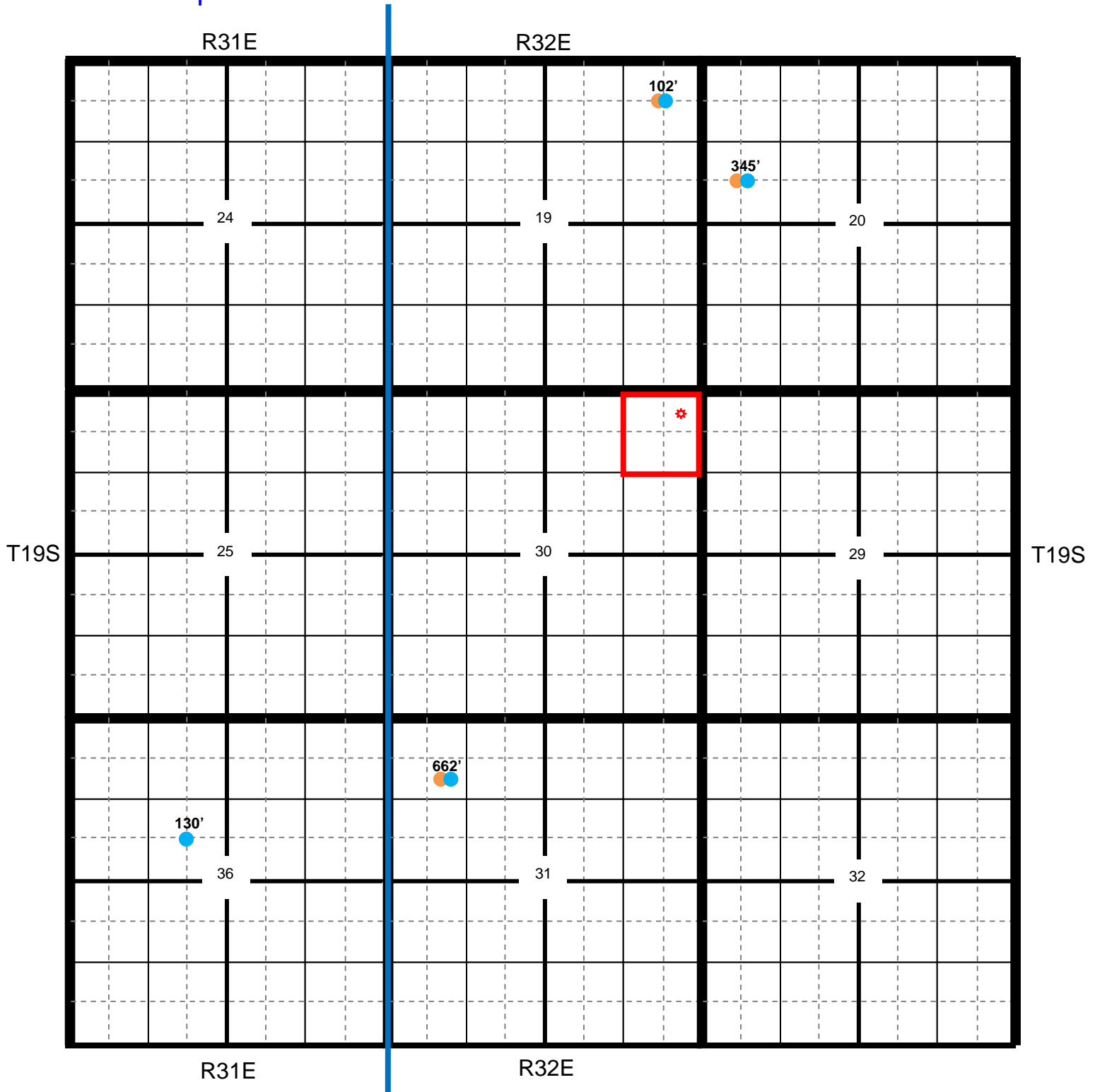
Unit Letter
A

Section
30

Township
19S

Range
32E

Trend Map 625'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy Elliot Hall A #001

County Lea Unit Letter A Section 30 Township 19S Range 32E

Trend Map 625'

1

2

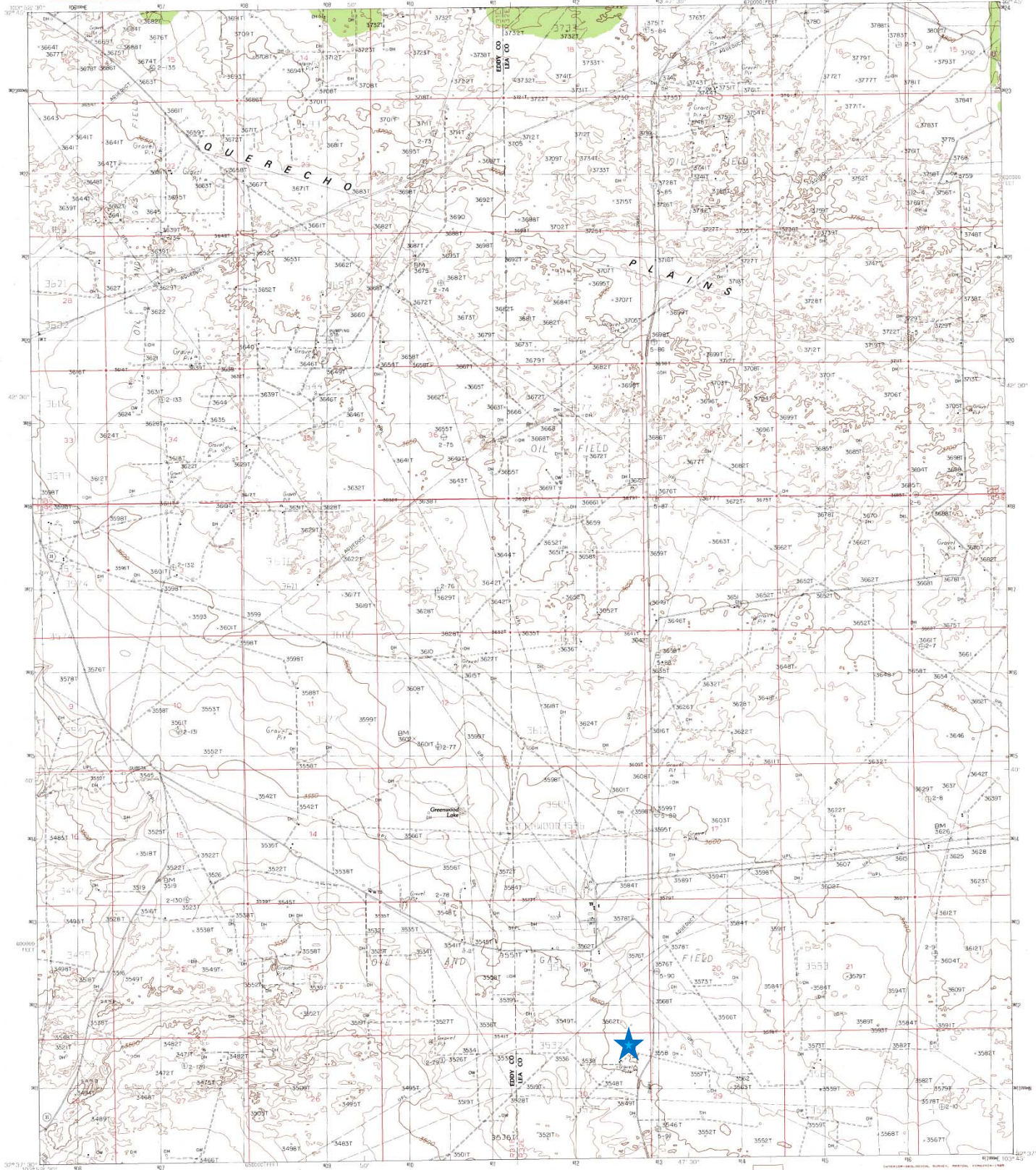
NW/NW None found Unit Letter D	NE/NW Unit Letter C	NW/NE Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit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

3

4

OXY

GREENWOOD LAKE QUADRANGLE
NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)



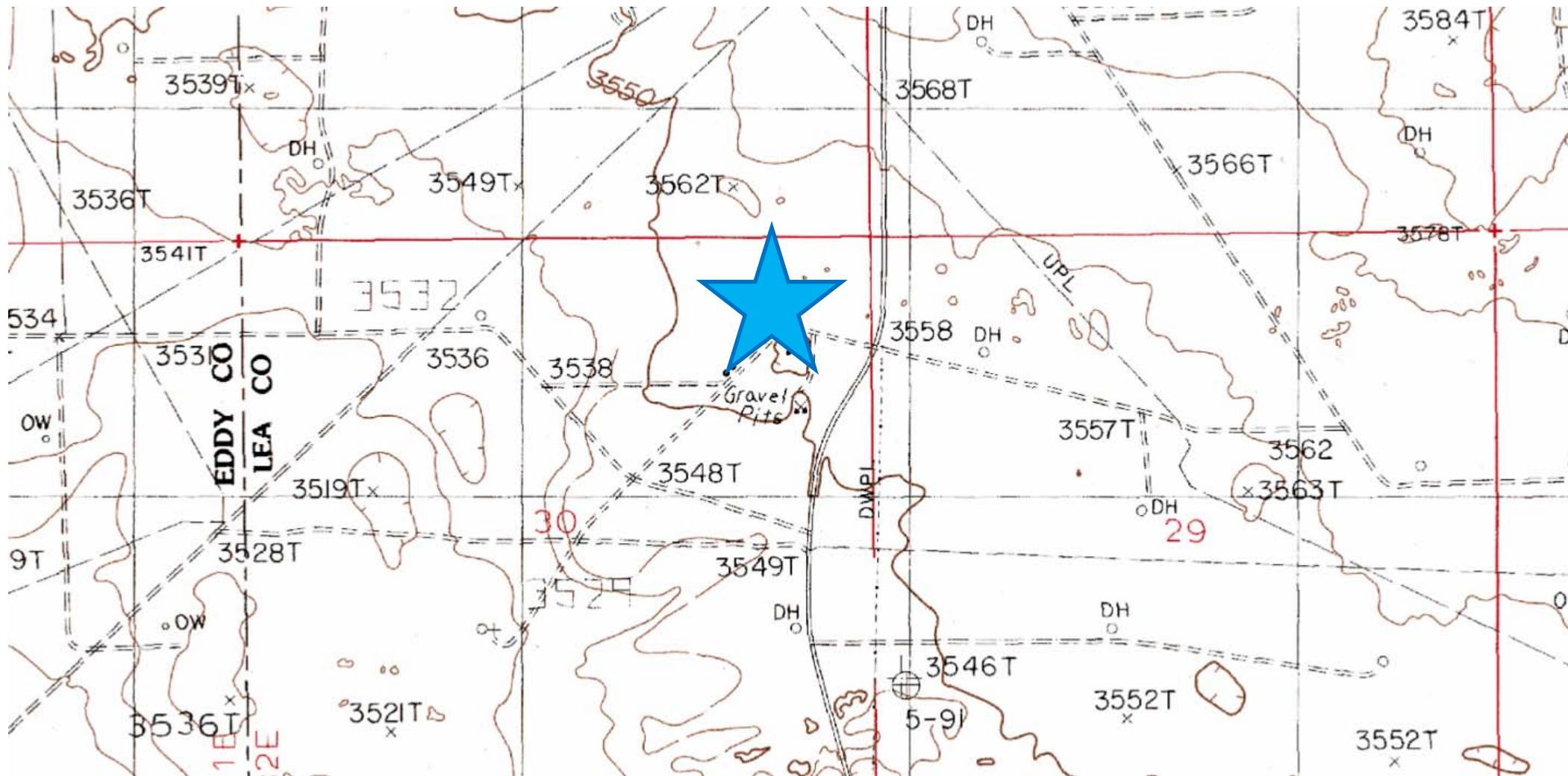
PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check. 3

1	2	3	1 Linn Hills
			2 Midpomer
4		5	3 Dog Lake
			4 Hackberry Lake
			5 Lagoon Gutters NW
			6 Tower Hill North
6	7	8	7 Williams Shik
			8 Lagoon Gutters

ADDITIONAL 3-D COORDINATE NAMES

32103477/TF-024

Elliot Hall A #001



Laboratory Analytical Results Summary
Elliot Hall A #1

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	8/21/14	8/21/14	8/21/14
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		240	1010	848

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	8/21/14	8/21/14	8/21/14
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		64	112	48

August 27, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: ELLIOT HALL A #1

Enclosed are the results of analyses for samples received by the laboratory on 08/22/14 10:15.

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:	08/22/2014	Sampling Date:	08/21/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	ELLIOT HALL A #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 1' (H402582-01)

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	08/26/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 2' (H402582-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	08/26/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 3' (H402582-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/26/2014	ND	400	100	400	3.92	

Sample ID: SP 2 @ 1' (H402582-04)

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	08/26/2014	ND	400	100	400	3.92	

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:	08/22/2014	Sampling Date:	08/21/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	ELLIOT HALL A #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 2' (H402582-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/26/2014	ND	400	100	400	3.92	

Sample ID: SP 2 @ 3' (H402582-06)

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	08/26/2014	ND	400	100	400	3.92	

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

