

Site Description

Site Name:	North Hobbs West Injection Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L H, Section 25, T18S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.72082° W 103.19990°

Release Data

Date of Release:	01/01/2016
Type of Release:	Oil
Source of Release:	Steel ball valve on the recirculating pump was left open
Volume of Release:	8 bbls
Volume Recovered:	6 bbls

Remediation Specifications

Remediation Parameters:	Surface scrape the entire spill area to a depth of 6 inches. Backfill the site with clean soil.
Remediation Activities:	05/10/2016 to 05/13/2016

Plan Sent to OCD:	03/14/2016	Email from Cliff Brunson to Jamie Keyes
OCD Approval of Plan:	03/14/2016	Verbal approval in meeting
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation

Initial C-141	Signed 01/12/2016
Final C-141	Signed 05/17/2016
Site Diagram	January 2016
Groundwater Plot	<50'
TOPO Maps	January 2016
Lab Summary	03/01/2016
Lab Analysis	03/01/2016
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

05/19/2016

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
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	Contact	Tony Aguilar
Address	1017 W. Stanolind Road	Telephone No.	(575) 397-8251
Facility Name	North Hobbs West Injection Battery	Facility Type	Battery
Surface Owner	Oxy	Mineral Owner	
		API No.	30-025-26933

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	25	18S	37E					Lea County, NM

Latitude N 32.72082° Longitude W 103.19990°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	8 bbls	Volume Recovered	6 bbls
Source of Release	Steel ball valve on the recirculating pump was left open due to human error	Date and Hour of Occurrence	01/01/2016	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? Kellie Jones, NMOCD			
By Whom?	Tony Aguilar, Oxy	Date and Hour	01/04/2016 @ 6:28 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 steel ball valve on the recirculating pump was left open spilling 8 bbls of oil onto the ground. A vacuum truck recovered 6 bbls of oil and the valve was closed.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 50' x 75' on location. Remediation will be completed in accordance with a remediation 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: 	OIL CONSERVATION DIVISION		
Printed Name: Tony Aguilar	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Raymond_aguilar@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1-12-16	Phone: (575) 397-8251		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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Form C-141
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Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Oxy Permian	Contact	Tony Aguilar
Address	1017 W. Stanolind Road	Telephone No.	(575) 397-8251
Facility Name	North Hobbs West Injection Battery	Facility Type	Battery

Surface Owner	Oxy	Mineral Owner		API No.	30-025-26933
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	25	18S	37E					Lea County, NM

Latitude N 32.72082° Longitude W 103.19990°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	8 bbls	Volume Recovered	6 bbls
Source of Release	Steel ball valve on the recirculating pump was left open due to human error	Date and Hour of Occurrence	01/01/2016	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?	Kellie Jones, NMOCD		
By Whom?	Tony Aguilar, Oxy	Date and Hour	01/04/2016 @ 6:28 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.*

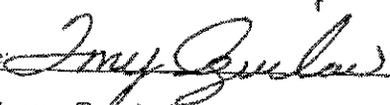
Describe Cause of Problem and Remedial Action Taken.*

A steel ball valve on the recirculating pump was left open spilling 8 bbls of oil onto the ground. A vacuum truck recovered 6 bbls of oil and the valve was closed.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 50' x 75' on location. Remediation was completed in accordance with a remediation plan approved by Jamie Keyes of NMOCD.

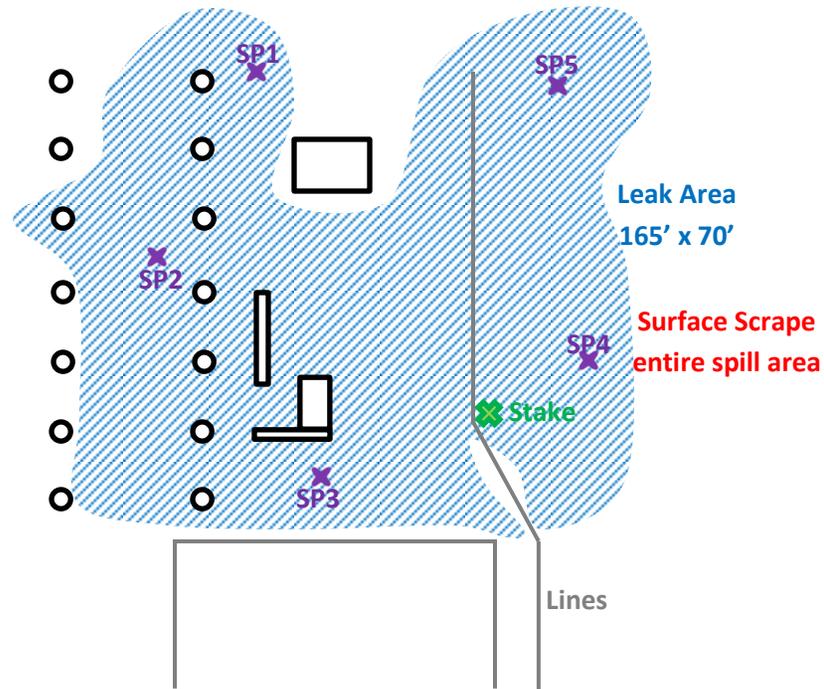
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: 	OIL CONSERVATION DIVISION		
Printed Name: Tony Aguilar	Approved by Environmental Specialist: 		
Title: HES Specialist	Approval Date: 05/19/2016	Expiration Date: ///	
E-mail Address: Raymond_aguilar@oxy.com	Conditions of Approval: ///	Attached <input type="checkbox"/> 1RP 4106	
Date: 5-17-16 Phone: (575) 397-8251			

* Attach Additional Sheets If Necessary



Oxy
North Hobbs West Injection Battery



U/L H, Section 25, T18S, R37E

Lea County, NM

N 32.71984° W 103.19930°

API# 30-025-26933

BBC International, Inc.

Oxy
North Hobbs West Injection Btry

Date: 01/18/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016, Was

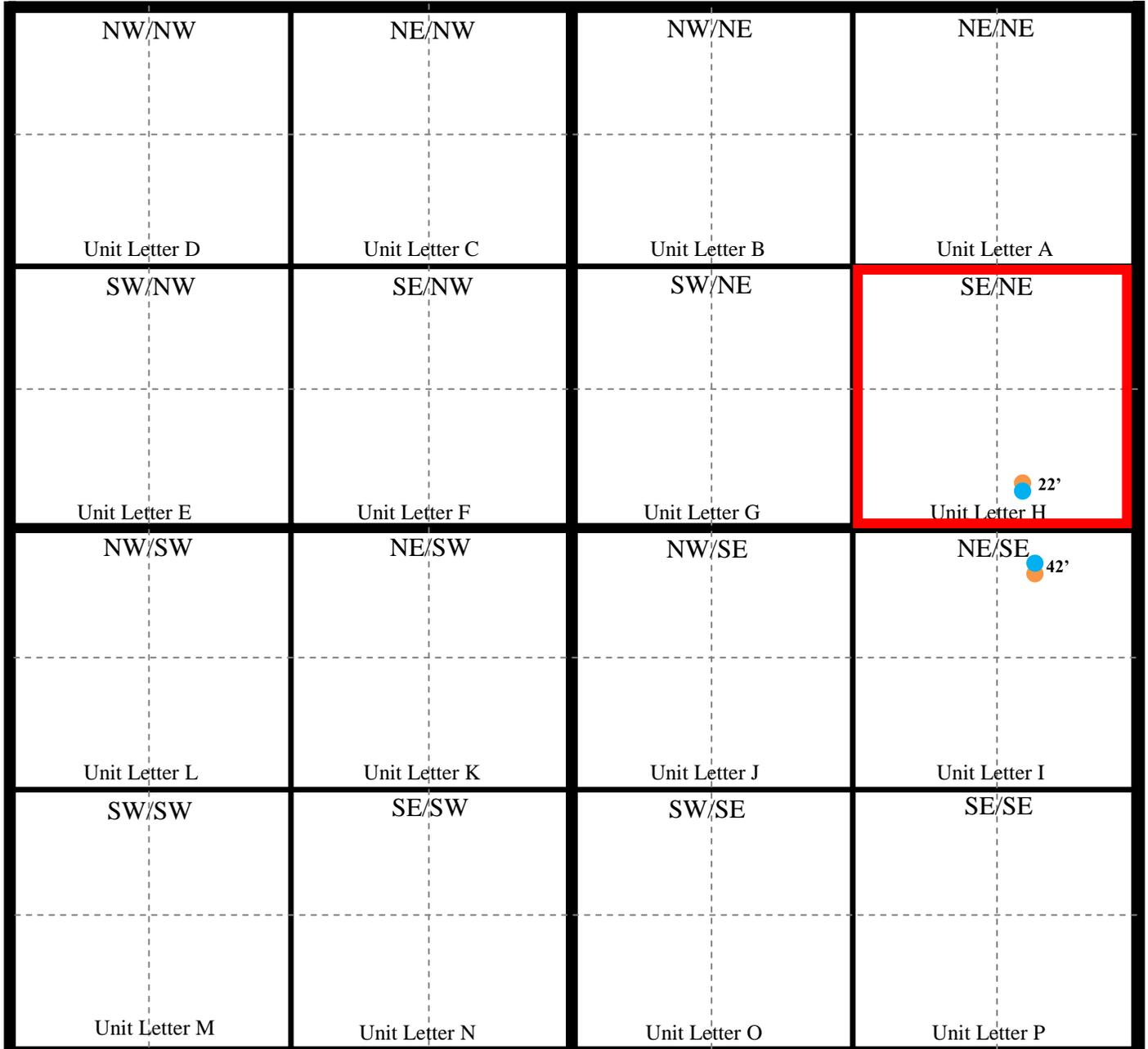
Oxy North Hobbs West Injection Battery

County: Lea Unit Letter: H Section: 25 Township: 18S Range: 37E

Trend Map <50'

1

2

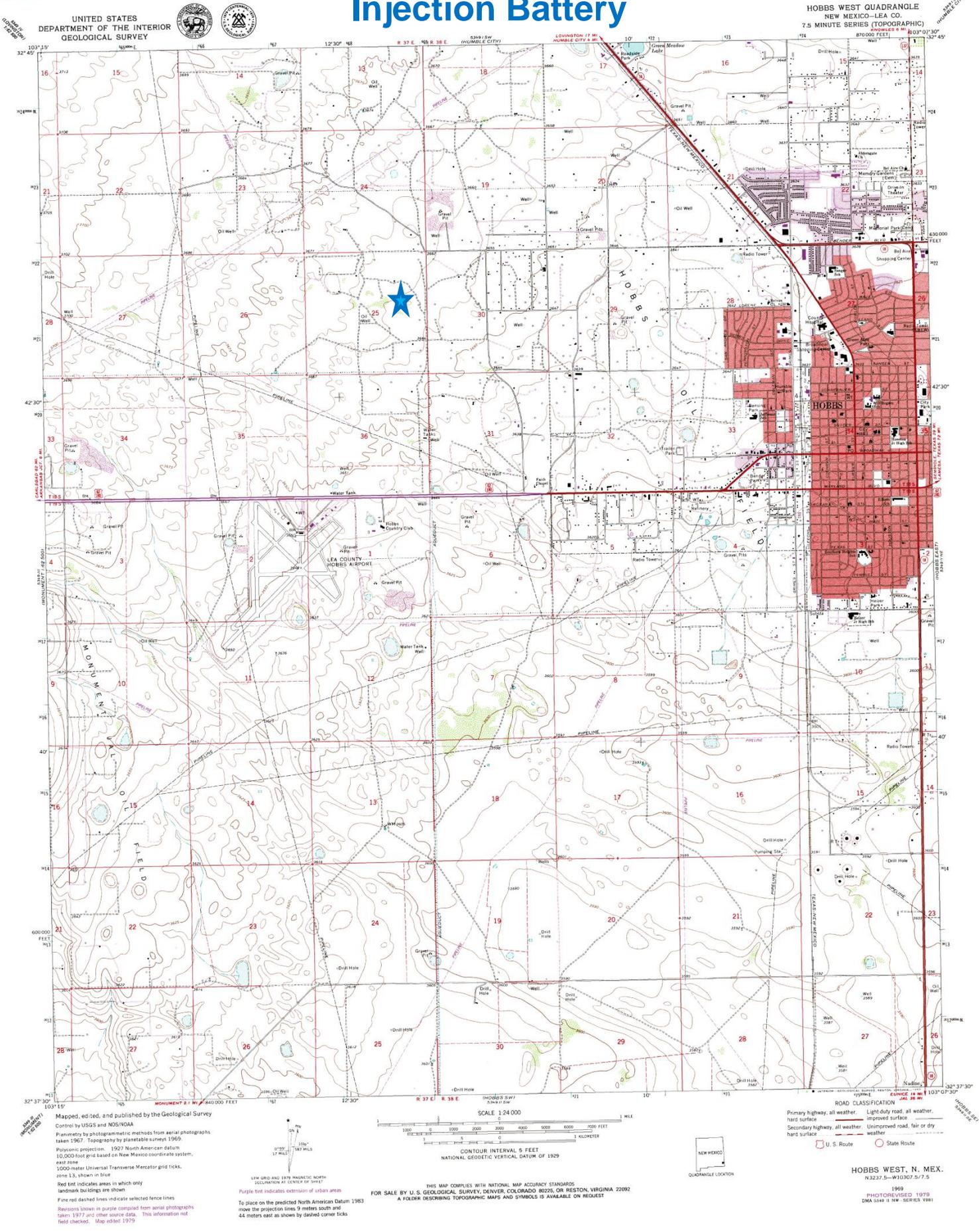


3

4

Oxy

North Hobbs West Injection Battery



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOBBS WEST QUADRANGLE
NEW MEXICO-LEA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
800,000 FEET

Maped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Planimetry by photogrammetric methods from aerial photographs
taken 1967. Topography by planimetric surveys 1969
Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
east zone
1:5000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue
Red tint indicates areas in which only
landmark buildings are shown
Fine red dashed lines indicate selected fence lines
Revisions shown in purple compiled from aerial photographs
taken 1977 and other source data. This information not
field checked. Map edited 1979

1979 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
0°02' 17" WEST

SCALE 1:24,000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000
FEET
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000
KILOMETER
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

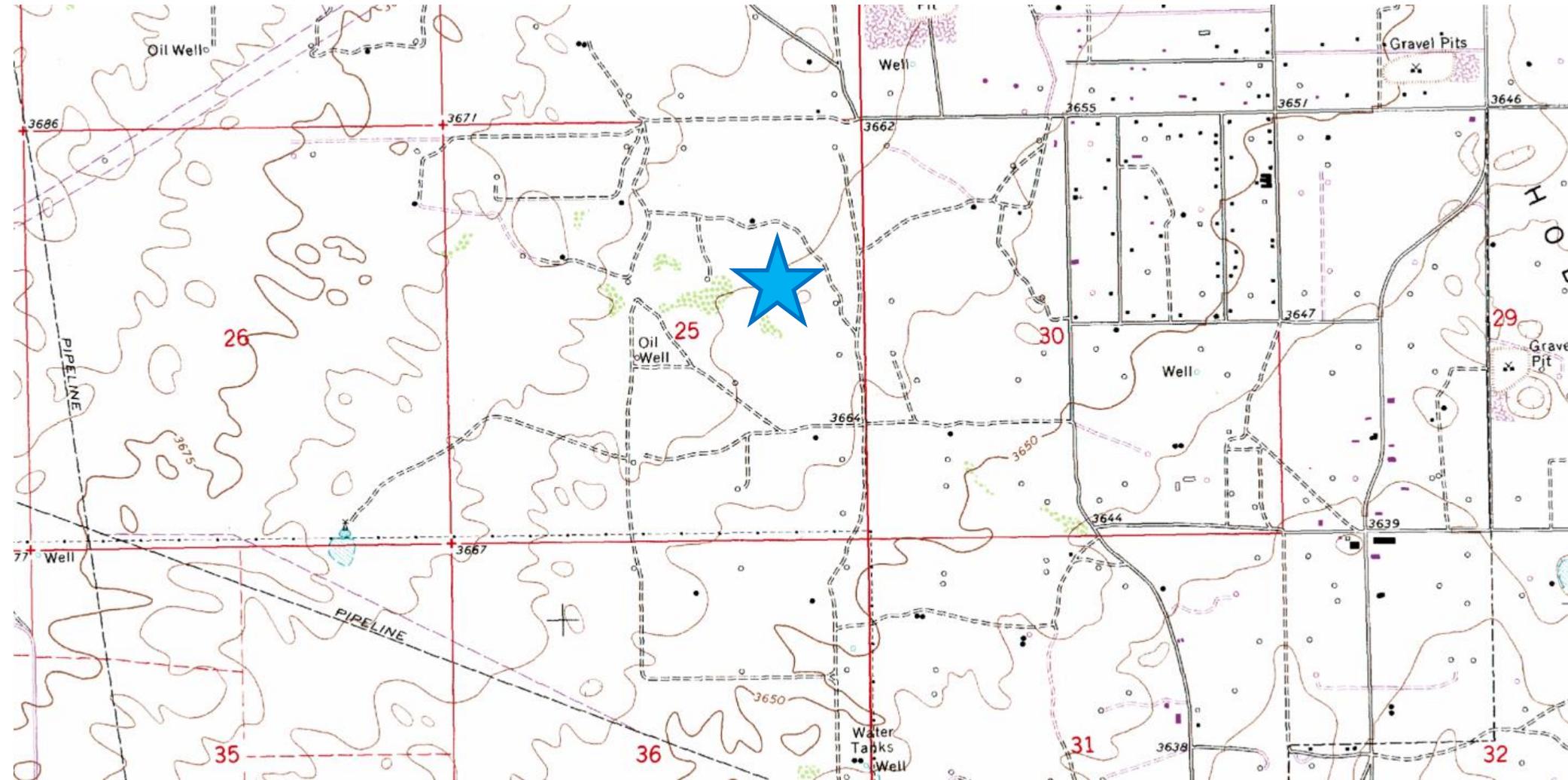
ROAD CLASSIFICATION
Primary highway, all weather. Light duty road, all weather.
hard surface. Improved surface.
Secondary highway, all weather. Unimproved road, fair or dry
hard surface. weather.
U. S. Route State Route

HOBBS WEST, N. MEX.
N32237-B-103307-S-V-7.5

1969
PHOTOREVISED 1979
DMA 5343-D-104-SERIES 9883

Oxy

North Hobbs West Injection Battery



**Laboratory Analytical Results Summary
North Hobbs West Injection Battery**

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	3/1/16	3/1/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		107	<10.0

		Sample	SP4 @ 1'
Analyte	Method	Date	3/1/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		10.9

		Sample	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	3/1/16	3/1/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		128	<10.0

		Sample	SP5 @ 1'
Analyte	Method	Date	3/1/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		19.5

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	3/1/16	3/1/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		118	18



March 07, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NORTH HOBBS WEST INJ.

Enclosed are the results of analyses for samples received by the laboratory on 03/03/16 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H600478-01)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20		
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36		
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61		
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93		
Total BTEX	<0.300	0.300	03/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89		
DRO >C10-C28	107	10.0	03/04/2016	ND	206	103	200	6.70		

Surrogate: 1-Chlorooctane 85.2 % 35-147
Surrogate: 1-Chlorooctadecane 89.0 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 2' (H600478-02)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20	
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36	
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61	
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93	
Total BTEX	<0.300	0.300	03/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89	
DRO >C10-C28	<10.0	10.0	03/04/2016	ND	206	103	200	6.70	

Surrogate: 1-Chlorooctane 85.9 % 35-147

Surrogate: 1-Chlorooctadecane 91.2 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 1' (H600478-03)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20		
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36		
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61		
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93		
Total BTEX	<0.300	0.300	03/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89		
DRO >C10-C28	128	10.0	03/04/2016	ND	206	103	200	6.70		

Surrogate: 1-Chlorooctane 88.8 % 35-147

Surrogate: 1-Chlorooctadecane 96.8 % 28-171

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*=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:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 2' (H600478-04)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20		
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36		
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61		
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93		
Total BTEX	<0.300	0.300	03/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89		
DRO >C10-C28	<10.0	10.0	03/04/2016	ND	206	103	200	6.70		

Surrogate: 1-Chlorooctane 85.5 % 35-147

Surrogate: 1-Chlorooctadecane 88.1 % 28-171

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:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 1' (H600478-05)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20		
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36		
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61		
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93		
Total BTEX	<0.300	0.300	03/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89		
DRO >C10-C28	118	10.0	03/04/2016	ND	206	103	200	6.70		

Surrogate: 1-Chlorooctane 91.2 % 35-147

Surrogate: 1-Chlorooctadecane 93.6 % 28-171

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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:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 2' (H600478-06)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20		
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36		
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61		
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93		
Total BTEX	<0.300	0.300	03/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89		
DRO >C10-C28	18.0	10.0	03/04/2016	ND	206	103	200	6.70		

Surrogate: 1-Chlorooctane 85.8 % 35-147

Surrogate: 1-Chlorooctadecane 83.6 % 28-171

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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:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 1' (H600478-07)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20	
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36	
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61	
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93	
Total BTEX	<0.300	0.300	03/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89	
DRO >C10-C28	10.9	10.0	03/04/2016	ND	206	103	200	6.70	

Surrogate: 1-Chlorooctane 78.7 % 35-147

Surrogate: 1-Chlorooctadecane 86.0 % 28-171

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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:	03/03/2016	Sampling Date:	03/01/2016
Reported:	03/07/2016	Sampling Type:	Soil
Project Name:	NORTH HOBBS WEST INJ.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 @ 1' (H600478-08)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/04/2016	ND	1.94	96.9	2.00	4.20	
Toluene*	<0.050	0.050	03/04/2016	ND	1.89	94.5	2.00	5.36	
Ethylbenzene*	<0.050	0.050	03/04/2016	ND	1.71	85.5	2.00	5.61	
Total Xylenes*	<0.150	0.150	03/04/2016	ND	5.27	87.9	6.00	5.93	
Total BTEX	<0.300	0.300	03/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/04/2016	ND	190	95.0	200	5.89	
DRO >C10-C28	19.5	10.0	03/04/2016	ND	206	103	200	6.70	

Surrogate: 1-Chlorooctane 85.6 % 35-147

Surrogate: 1-Chlorooctadecane 95.0 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Kathy Purvis

From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Monday, March 14, 2016 6:35 PM
To: Jamie Keyes
Cc: Tony Aguilar ; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-North Hobbs West Injection Battery-Remediation Plan
Attachments: Remediation Packet, North Hobbs West Injection Battery.pdf; _Certification_.htm

Jamie,

This e-mail is to confirm our discussion concerning the remediation plan for the Oxy North Hobbs West Injection Battery release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

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

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
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World-Wide Environmental Specialists
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P. O. Box 805
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No virus found in this message.

Checked by AVG - www.avg.com

Version: 2015.0.6189 / Virus Database: 4542/11815 - Release Date: 03/14/16



