

Closure Report



Site Description	
Site Name:	Nagooltee Peak 5 Fed Com #2
Company:	Oxy Permian Ltd.
Legal Description:	SE ¼, Section 5, T22S, R24E
County:	Eddy County, NM
GPS Coordinates:	N 32.41719° W 104.51747

Release Data	
Date of Release:	05/29/2012
Type of Release:	Produced Water
Source of Release:	Flow line leak
Volume of Release:	90 bbls
Volume Recovered:	75 bbls

Remediation Specifications	
Remediation Parameters:	Excavate the spill areas around SP1, SP2, and SP3 to a depth of 3 feet. Excavate the spill areas around SP4 and SP5 to a depth of 1 foot. Obtain confirmation samples of the bottom and sidewalls of the excavations areas. Then backfill the excavations areas with clean soil.
Remediation Activities:	04/12/2013 to 5/17/2013

Plan Sent to OCD:	09/11/2012	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	11/14/2012	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	12/17/2012	Email from Cliff Brunson to Terry Gregston
BLM Approval of Plan:	03/12/2013	Email from James Amos to Cliff Brunson

Supporting Documentation	
Initial C-141	Signed 06/07/2012
Final C-141	Signed 05/29/2013
Site Diagram	June 2012
Groundwater Plot	<25'
TOPO Maps	June 2012
Lab Summary	06/13/2012 and 05/03/2013
Lab Analysis	06/13/2012 and 05/03/2013
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.	05/29/2013

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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Nagooltee Peak 5 Com #2	Facility Type	Production

Surface Owner	Mineral Owner	Lease No.
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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
	5	22S	24E						Eddy County, NM

Latitude N 32.42393

Longitude W 104.5245

NATURE OF RELEASE


Type of Release	Produced water	Volume of Release	90 bbls	Volume Recovered	75 bbls
Source of Release	Flow line corrosion/flow line	Date and Hour of Occurrence	5/29/12	Date and Hour of Discovery	5/29/12
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, Jennifer VanCuren-BLM		
By Whom?	Christopher Jones	Date and Hour	6/1/12 @ 7:24 am		
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.*	
Corrosion in a flow line caused 90 bbls of produced water to spill onto the ground. 75 bbls of water were recovered via vacuum truck. Remediation will be performed according to OCD and BLM approved remediation plans.	

Describe Area Affected and Cleanup Action Taken.*	
The area affected is approximately 12' x 405'. Corrosion in a flow line caused 90 bbls of produced water to spill onto the ground. 75 bbls of water were recovered via vacuum truck. Remediation will be performed according to OCD and BLM approved remediation plans.	

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.	
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Signature: 		OIL CONSERVATION DIVISION	
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:	
Date: <u>6-7-12</u> Phone: (575) 628-4121		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

District I
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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

RECEIVED

MAY 30 2013

NMOCD ARTESIA

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	Nagooltee Peak 5 Com #2	Facility Type	Production
Surface Owner	Mineral Owner	Lease No.	

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	5	22S	24E					Eddy County, NM

Latitude N 32.42393

Longitude W 104.5245

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	90 bbls	Volume Recovered	75 bbls
Source of Release	Flow line corrosion/flow line	Date and Hour of Occurrence	5/29/12	Date and Hour of Discovery	5/29/12
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By Whom?	Christopher Jones	Date and Hour	6/1/12 @ 7:24 am		
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.*

Corrosion in a flow line caused 90 bbls of produced water to spill onto the ground. 75 bbls of water were recovered via vacuum truck.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 12' x 405'. Corrosion in a flow line caused 90 bbls of produced water to spill onto the ground. 75 bbls of water were recovered via vacuum truck. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 11/14/2012 and James Amos of the BLM via email on 03/12/2013.

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Christopher Jones

Title: HES Specialist

E-mail Address: Christopher.Jones@oxy.com

Date: 5/29/13

Phone: (575) 628-4121

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

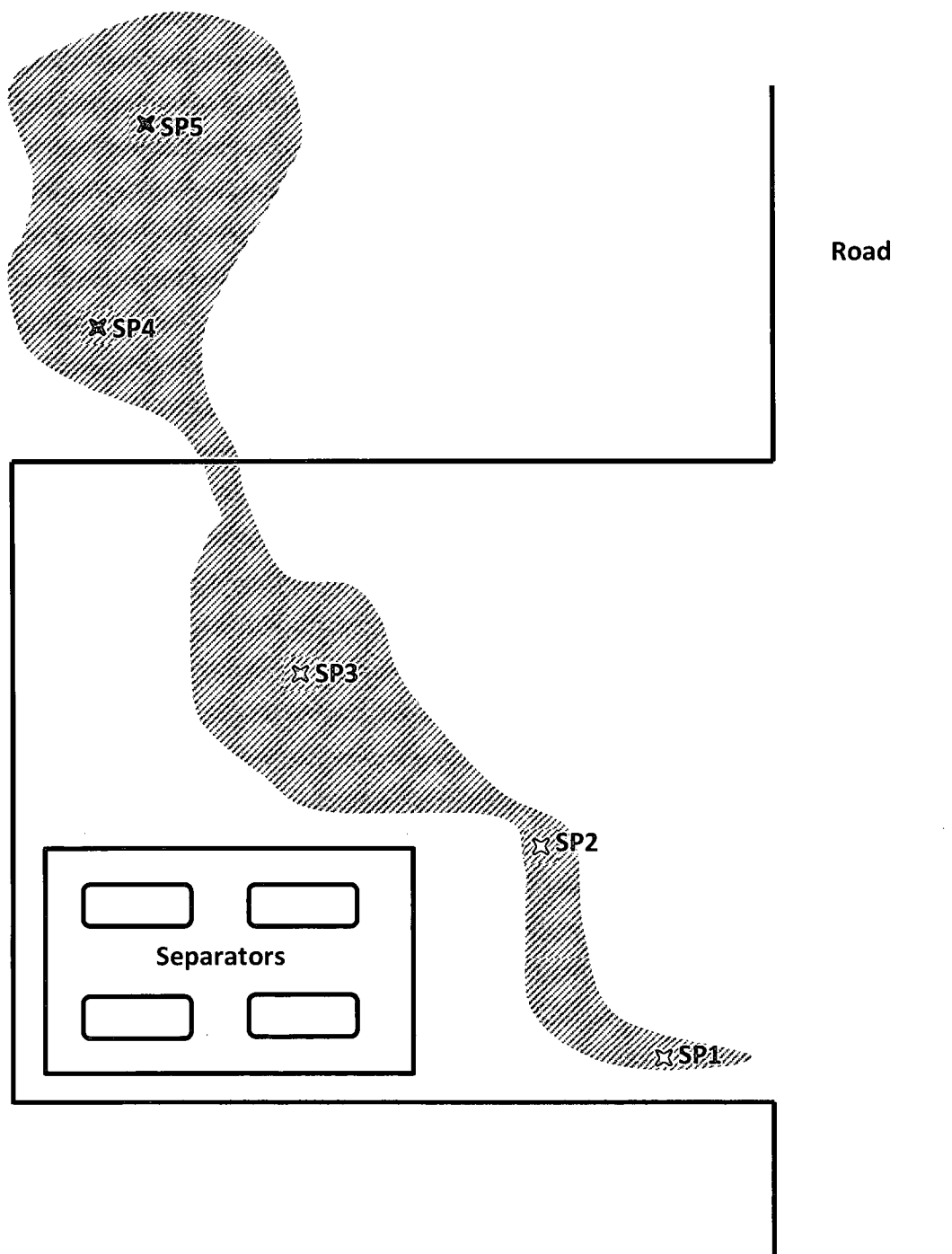
Attached ☐

* Attach Additional Sheets If Necessary



Oxy

Nagooltee Peak 5 FedCom #2



SE ¼ , Section 5, T22S, R24E
Eddy County, NM
N 32.41719 W 104.51747

BBC International, Inc.

Oxy

Nagooltee Peak 5 FedCom #2

Date: 06/20/12

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2012



Groundwater Plot

Oxy Nagooltee Peak 5 Fed Com #2

County
Eddy

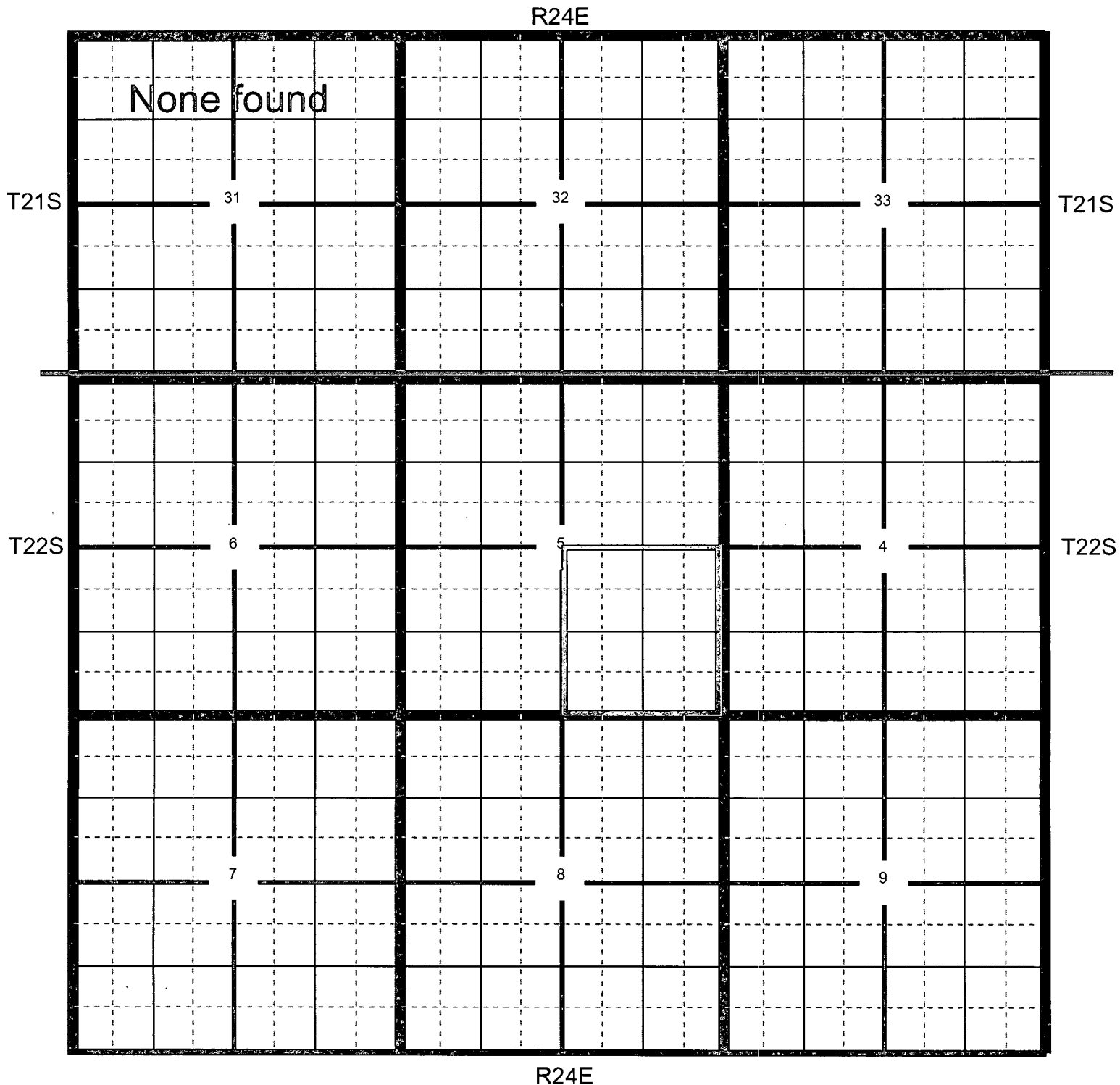
Unit Letter
SE ¼

Section
5

Township
22S

Range
24E

Trend Map <25'



⚙ Location

○ OCD

○ USGS

○ SEO

● All Databases

Oxy Nagooltee Peak 5 Fed Com #2

County Eddy Unit Letter SE ¼ Section 5 Township 22S Range 24E

Trend Map <25'

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

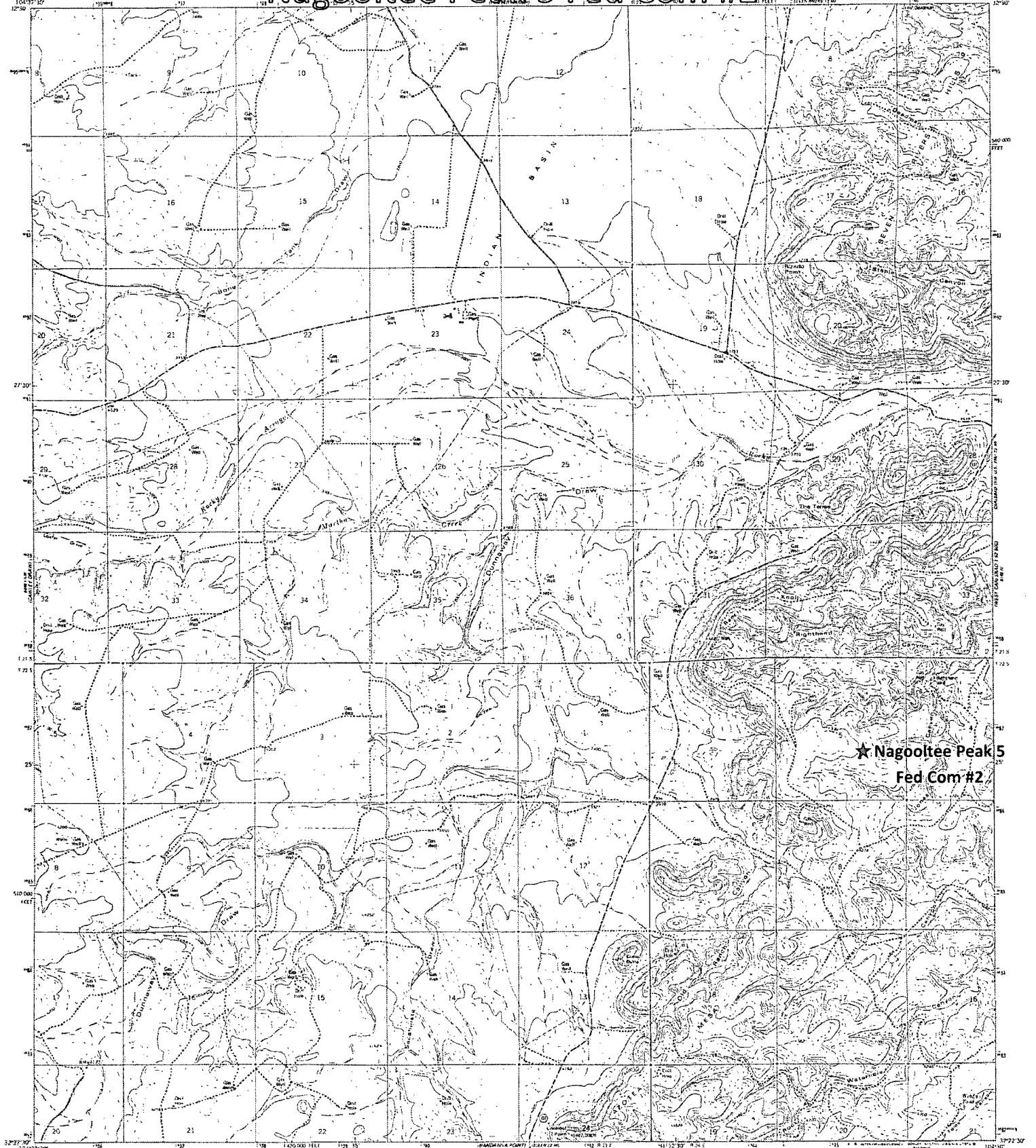
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Oxy

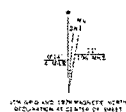
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Nagooltee Peak 5 Fed Com #2

MARTHA CREEK QUADRANGLE
NEW MEXICO—EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NEXT QUADRANGLE



Maped, edited, and published by the Geological Survey
Control by USGS and HUD/NOAA
Topography by photostereometric methods from aerial photographs
taken 1972, 1974, and 1978. Map edited 1978
Projection and 10,000-foot grid based on the revised
coordinate system used on the (Transverse Mercator)
1000-meter Universal Transverse Mercator grid for
zone 13, corner to base, 1927 North American datum.
Five red dashed lines indicate selected base lines.



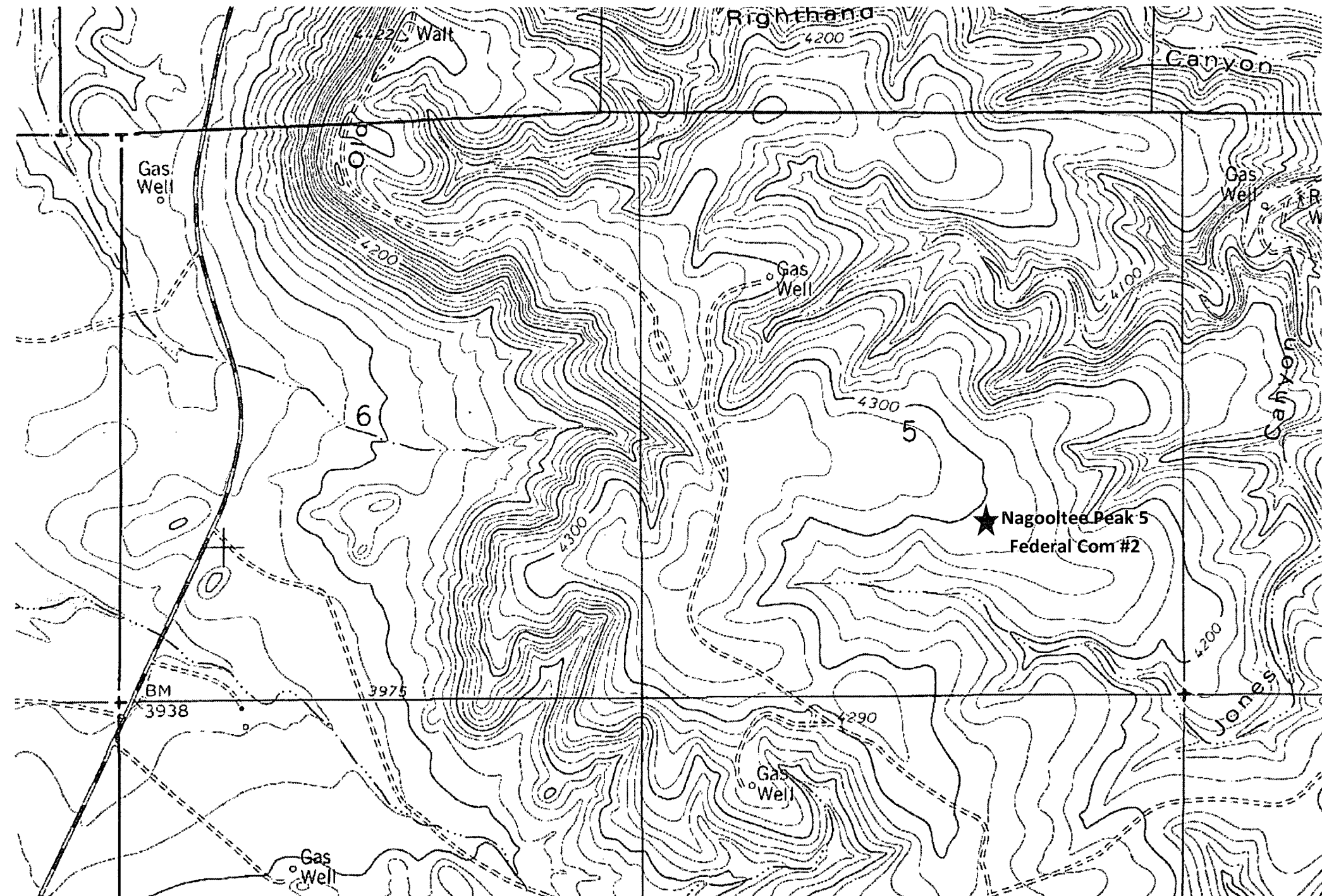
SCALE 1:24,000
1000 800 600 400 200 0
1000 800 600 400 200 0
FOOT MILE
CONTOUR INTERVAL 20 FEET
NATIONAL DATUM OF 1929



ROAD CLASSIFICATION
Primary highway: ———
Secondary highway: - - - - -
Unimproved road:
Trail: ---+---
U.S. Route: (circle with number)
State Route: (circle with number)

MARTHA CREEK, N. MEX.
1:24,000 SCALE
1978

Oxy, Nagooltee Peak 5 Federal Com #2



Laboratory Analytical Results Summary
OXY, Nagooltee Peak #5

		Sample	SP 1 @ Surface	SP 2 @ Surface	SP 3 @ Surface	SP 4 @ Surface	SP 5 @ Surface	SP 1 @ 2'	SP 1 @ 4'	SP 1 @ 4.5'
Analyte	Method	Date	6/12/12	6/12/12	6/12/12	6/12/12	6/12/12	6/13/12	6/13/12	6/13/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		4400	3400	3280	3200	3960	2920	1010	144

		Sample	SP 2 @ 2'	SP 2 @ 4'	SP 2 @ 4.5'	SP 3 @ 2'	SP 3 @ 4'	SP 3 @ 4.5'	SP 4 @ 2'	SP 4 @ 3'	SP 4 @ 4'
Analyte	Method	Date	6/13/12	6/13/12	6/13/12	6/13/12	6/13/12	6/13/12	6/13/12	6/13/12	6/13/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		3160	1630	160	3000	992	144	352	272	176

		Sample	SP 5 @ 2'	SP 5 @ 3'	SP 5 @ 4'
Analyte	Method	Date	6/13/12	6/13/12	6/13/12
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		336	272	208

**Laboratory Analytical Results Summary
Nagooltee Peak 5 #2**

Confirmation		Sample	Sidewall #1	Sidewall #2	Sidewall #3	Sidewall #4	Bottom
Analyte	Method	Date	5/3/13	5/3/13	5/3/13	5/3/13	5/3/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		80	80	80	80	64

June 18, 2012

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NAGOOLTE PEAK #5

Enclosed are the results of analyses for samples received by the laboratory on 06/14/12 10:40.

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/qa/lab_accred_certif.html.

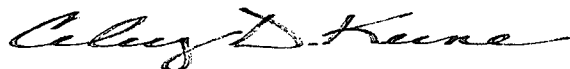
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: (505) 397-0397

 Received: 06/14/2012
 Reported: 06/18/2012
 Project Name: NAGOOOLTE PEAK #5
 Project Number: NONE GIVEN
 Project Location: CARLSBAD, NEW MEXICO

 Sampling Date: 06/12/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H201341-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	06/18/2012	ND	448	112	400	3.64	

Sample ID: SP 2 @ SURFACE (H201341-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 3 @ SURFACE (H201341-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	06/18/2012	ND	400	100	400	3.92	

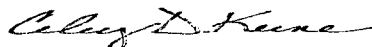
Sample ID: SP 4 @ SURFACE (H201341-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	06/18/2012	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: (505) 397-0397

Received: 06/14/2012
Reported: 06/18/2012
Project Name: NAGOOLTE PEAK #5
Project Number: NONE GIVEN
Project Location: CARLSBAD, NEW MEXICO

Sampling Date: 06/12/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 5 @ SURFACE (H201341-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 1 @ 2' (H201341-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 1 @ 4' (H201341-07)

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	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 1 @ 4.5' (H201341-08)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/18/2012	ND	400	100	400	3.92		

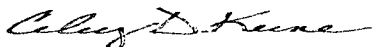
Sample ID: SP 2 @ 2' (H201341-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	06/18/2012	ND	400	100	400	3.92	

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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: (505) 397-0397

 Received: 06/14/2012
 Reported: 06/18/2012
 Project Name: NAGOOLTE PEAK #5
 Project Number: NONE GIVEN
 Project Location: CARLSBAD, NEW MEXICO

 Sampling Date: 06/13/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 4' (H201341-10)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 2 @ 4.5' (H201341-11)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 3 @ 2' (H201341-12)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 3 @ 4' (H201341-13)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 3 @ 4.5' (H201341-14)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/18/2012	ND	400	100	400	3.92	

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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: (505) 397-0397

 Received: 06/14/2012
 Reported: 06/18/2012
 Project Name: NAGOOTTE PEAK #5
 Project Number: NONE GIVEN
 Project Location: CARLSBAD, NEW MEXICO

 Sampling Date: 06/13/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 2' (H201341-15)

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	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 4 @ 3' (H201341-16)

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	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 4 @ 4' (H201341-17)

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	06/18/2012	ND	400	100	400	3.92		

Sample ID: SP 5 @ 2' (H201341-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/18/2012	ND	400	100	400	3.92	

Sample ID: SP 5 @ 3' (H201341-19)

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	06/18/2012	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celely D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (505) 397-0397

Received: 06/14/2012
Reported: 06/18/2012
Project Name: NAGOOLTE PEAK #5
Project Number: NONE GIVEN
Project Location: CARLSBAD, NEW MEXICO

Sampling Date: 06/13/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

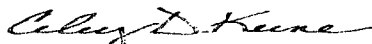
Sample ID: SP 5 @ 4' (H201341-20)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/18/2012	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

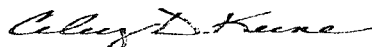
Notes and Definitions

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



Page 8 of 9



May 06, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NAGOOLTEE PEAK #5

Enclosed are the results of analyses for samples received by the laboratory on 05/03/13 17:00.

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.

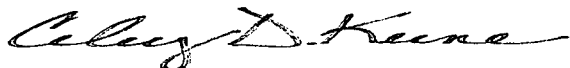
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:	05/03/2013	Sampling Date:	05/03/2013
Reported:	05/06/2013	Sampling Type:	Soil
Project Name:	NAGOOTEE PEAK #5	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SW #1 (H301066-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/06/2013	ND	416	104	400	0.00	

Sample ID: SW #2 (H301066-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/06/2013	ND	416	104	400	0.00	

Sample ID: SW #3 (H301066-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/06/2013	ND	416	104	400	0.00	

Sample ID: SW #4 (H301066-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/06/2013	ND	416	104	400	0.00	

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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:	05/03/2013	Sampling Date:	05/03/2013
Reported:	05/06/2013	Sampling Type:	Soil
Project Name:	NAGOOTEE PEAK #5	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

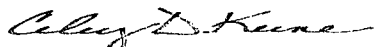
Sample ID: BOTTOM (H301066-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/06/2013	ND	416	104	400	0.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

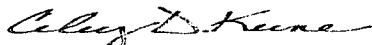
Notes and Definitions

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

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Celest 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

Page 5 of 5

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																							
Project Manager: Cliff Brunson		P.O. #:		<div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">CHLORIDE</div>																							
Address: P.O. Box 805		Company:																									
City: Hobbs State: NM Zip: 88241		Attn:																									
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: SAME																									
Project #: Project Owner: OKY		City:																									
Project Name: NAGOOTEE PEAK #5		State: Zip:																									
Project Location:		Phone #:																									
Sampler Name: Pkg H-2		Fax #:																									
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING																			
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME													
H3D1D1db																											
1	SW #1	G1				✓				✓			5-3-13	11:00	✓												
2	SW #2	G1				✓				✓			5-3-13	11:15	✓												
3	SW #3	G1				✓				✓			5-3-13	11:30	✓												
4	SW #4	G1				✓				✓			5-3-13	11:45	✓												
5	BOTTOM	G1				✓				✓			5-3-13	12:00	✓												

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Relinquished By: <i>Roger Hernandez</i>	Date: 5-3-13 Time: 5:00	Received By: <i>Jodi Benson</i>	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: 20			REMARKS: RUSH!!	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>[Signature]</i>		

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

#54

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Wednesday, November 14, 2012 1:54 PM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Kathy Purvis; Jennifer Gilkey
Subject: RE: Oxy-Nagooltee Peak 5 Fed Com #2

Reference: OXY USA * Nagooltee Peak 5 – 2 * 30-015-28074 * E-5-22s-24e * Eddy County, New Mexico
OCD Reference Number: 2RP-1170 * Date of release: 5/29/12

Cliff,

Your proposal for remediation of the above referenced release is approved with the following conditions/stipulations:

- Notify OCD 48 hours prior to commencement of remedial operations.
- Notify OCD 48 hours prior to obtaining samples where the analyses will be submitted to OCD.
- Obtain representative confirmation samples of bottom and sidewalls of excavations.
- Obtain approval prior to backfilling excavations.
- Submit a closure report and Form C-141 marked Final Report upon satisfactory completion of project.
- Approval by BLM and/or any other regulatory authority as may be applicable.

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, and for notification, 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, September 11, 2012 6:41 PM
To: Bratcher, Mike, EMNRD
Cc: C J Summers; Ken Swinney; Kathy Purvis; Jennifer Gilkey
Subject: Oxy-Nagooltee Peak 5 Fed Com #2

Mike,

This e-mail is to confirm our discussion on September 5, 2012 concerning the remediation plan for the release that occurred at the Oxy Nagooltee Peak 5 Fed Com #2. As agreed, Oxy will excavate 3 feet in the areas covered by

SP1 - SP3 and will excavate to a depth of 1 foot in the areas covered by SP4 - SP5 as depicted on the attached site diagram. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 25 feet.

I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. 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: Amos, James <jamos@blm.gov>
Sent: Tuesday, March 12, 2013 7:42 AM
To: Cliff P. Brunson
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: FW: Undesirable Event: NU12132TG, Nagooltee Peak 5 Fed 2: cleanup plan approval delay due to Archeology Survey requirement

Cliff,

Arch has been cleared with our BLM Arch staff. You are authorized to proceed with the remediation of the spill event of 5/29/12. Where are we at on the other events on this location?

ThankJ. Amos

On Thu, Feb 14, 2013 at 6:10 PM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote:
Jim,

Attached is arch survey for the Nagooltee Peak 5 Fed 2. This information goes with my previous e-mail.

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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From: Cliff Brunson <cbrunson@bbcinternational.com>
Date: Wednesday, January 23, 2013 7:40 PM
To: Terry Gregston <tgregsto@blm.gov>
Cc: Chris Jones <Christopher_Jones@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey <jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>, James Amos <jamos@blm.gov>
Subject: Re: Undesirable Event: NU12132TG, Nagooltee Peak 5 Fed 2: cleanup plan approval delay due to Archeology Survey requirement

Terry,

Per our discussion on January 22, 2013 and your request, I have attached the Arch Survey that was required by the BLM for this site area. We received this survey yesterday. As you can see, the area is clear. Therefore, Oxy is requesting to proceed with the previously submitted clean up plan that is referenced in your e-mail below.

If you would please respond back via e-mail with your approval, 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:
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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From: Terry Gregston <tgregsto@blm.gov>
Date: Monday, December 17, 2012 4:50 PM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Cc: Chris Jones <Christopher_Jones@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey <jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>
Subject: Undesirable Event: NU12132TG, Nagooltee Peak 5 Fed 2: cleanup plan approval delay due to Archeology Survey requirement

Gentlemen,

This notification is in regard to the following location and undesirable event:

Event Number: NU12132TG

Event Date: 5/29/2012

Event Name: Nagooltee Peak 5 Fed 2

Legals: T22S/R24E, sec. 5, SWNW

It should be noted that Written Order 12TG004 was satisfied with the BBC submission of a cleanup plan to the BLM on 12/17/12.

Approval of the cleanup plan is delayed due to a lack of a required archeological survey of the area. Cleanup plan approvals cannot be issued until the impacted areas are cleared of archeological concerns. Cliff Brunson indicated in a phone conversation on 12/17/12 that the archeological survey for this site and other adjoining sites had been ordered on 12/17/12. Brunson stated that he will expedite the archeological survey so that cleanup plan approvals and cleanup can proceed.

Thank you for your attention to this matter,

Terry Gregston

Environmental Protection Specialist

Bureau of Land Management

620 E. Greene St.

Carlsbad, NM 88220

Office (575) 234-5958

Cell (575) 361-2635

Fax (575) 234-5927

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