

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 August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Burlington Resources Oil & Gas	Contact	Lindsay Dumas
Address	3401 East 30 th St, Farmington, NM	Telephone No.	(505) 599-4089
Facility Name	Hancock 5A	Facility Type	Gas

Surface Owner	BLM	Mineral Owner	NM - 077107A	API No.	30-045026374
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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
F	27	28N	09W	1690	FNL	1600	FWL	San Juan

Latitude 36.635653 Longitude -107.77985

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	8.7 bbls	Volume Recovered	0
Source of Release	Production Tank	Date and Hour of Occurrence	N/A	Date and Hour of Discovery	5/11/2015 at 2:00pm
Was Immediate Notice Given?	☐ Yes ☐ No ☒ Not Required	If YES, To Whom?			
By Whom?	Date and Hour				
Was a Watercourse Reached?	☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

OIL CONS. DIV DIST. 3

NOV 16 2015

Describe Cause of Problem and Remedial Action Taken.*

Corrosion caused a leak in the production tank, the well was then shut in and a spec truck was called to remove remaining fluid from tank.

Describe Area Affected and Cleanup Action Taken.*

Analytical results were below the regulatory standards – no further action required. The soil sampling report is attached for review.

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: <i>Lindsay Dumas</i>	OIL CONSERVATION DIVISION	
Printed Name: Lindsay Dumas	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Environmental Specialist	Approval Date: <u>12/24/2015</u>	Expiration Date:
E-mail Address: Lindsay.Dumas@conocophillips.com	Conditions of Approval:	Attached ☐
Date: 11/9/2015	Phone: (505) 599-4089	

* Attach Additional Sheets If Necessary

NES 1516030163

18

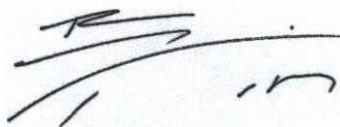
OIL CONS. DIV DIST. 3
NOV 16 2015

Analytical Report

Report Summary

Client: ConocoPhillips
Chain Of Custody Number:
Samples Received: 5/19/2015 12:10:00PM
Job Number: 96052-1706
Work Order: P505053
Project Name/Location: Hancock 5A

Entire Report Reviewed By:



Date: 6/1/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC- 1 @ 1ft	P505053-01A	Soil	05/19/15	05/19/15	Glass Jar, 4 oz.
SC- 1 @ 4ft	P505053-02A	Soil	05/19/15	05/19/15	Glass Jar, 4 oz.
SC- 2 @ 1ft	P505053-03A	Soil	05/19/15	05/19/15	Glass Jar, 4 oz.
SC- 2 @ 2ft	P505053-04A	Soil	05/19/15	05/19/15	Glass Jar, 4 oz.
SC- 3 @ 1ft	P505053-05A	Soil	05/19/15	05/19/15	Glass Jar, 4 oz.
SC- 3 @ 2ft	P505053-06A	Soil	05/19/15	05/19/15	Glass Jar, 4 oz.

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5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

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laboratory@envirotech-inc.com



ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

SC-1 @ 1ft
P505053-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Toluene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.19	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %		50-150	1522007	05/27/15	05/29/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.45	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	75.5	33.2	mg/kg	1	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		216 %		50-200	1522006	05/27/15	05/29/15	EPA 8015D	Surr1
Surrogate: 4-Bromochlorobenzene-FID		80.0 %		50-150	1522007	05/27/15	05/29/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	602	9.64	mg/kg	1	1522012	05/29/15	05/29/15	EPA 300.0	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

SC- 1 @ 4ft
P505053-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Toluene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.17	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1522007	05/27/15	05/29/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	8.72	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	49.9	30.8	mg/kg	1	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		141 %		50-200	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		99.4 %		50-150	1522007	05/27/15	05/29/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	18.1	8.59	mg/kg	0.9	1522012	05/29/15	05/29/15	EPA 300.0	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

SC- 2 @ 1ft
P505053-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Toluene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.18	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		111 %		50-150	1522007	05/27/15	05/29/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.23	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	21.2	mg/kg	0.8	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		74.1 %		50-200	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		97.8 %		50-150	1522007	05/27/15	05/29/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	621	9.02	mg/kg	0.9	1522012	05/29/15	05/29/15	EPA 300.0	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

SC- 2 @ 2ft
P505053-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Toluene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.18	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		109 %		50-150	1522007	05/27/15	05/29/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.08	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	38.6	mg/kg	2	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		92.9 %		50-200	1522006	05/27/15	05/29/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		96.0 %		50-150	1522007	05/27/15	05/29/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	391	8.98	mg/kg	0.9	1522012	05/29/15	05/29/15	EPA 300.0	

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

SC- 3 @ 1ft
P505053-05 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Toluene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.17	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.09	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1522007	05/27/15	05/29/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	8.60	mg/kg	0.9	1522007	05/27/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	34.3	mg/kg	1	1522010	05/29/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		104 %		50-200	1522010	05/29/15	05/29/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		99.3 %		50-150	1522007	05/27/15	05/29/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	499	8.91	mg/kg	0.9	1522012	05/29/15	05/29/15	EPA 300.0	

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PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

SC- 3 @ 2ft
P505053-06 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
p,m-Xylene	ND	0.19	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %		50-150	1522011	05/29/15	05/29/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.71	mg/kg	1	1522011	05/29/15	05/29/15	EPA 8015D	
Diesel Range Organics (C10-C28)	56.2	32.8	mg/kg	1	1522010	05/29/15	05/29/15	EPA 8015D	
Surrogate: o-Terphenyl		129 %		50-200	1522010	05/29/15	05/29/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		91.3 %		50-150	1522011	05/29/15	05/29/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	73.8	8.97	mg/kg	0.9	1522012	05/29/15	05/29/15	EPA 300.0	

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PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1522007 - Purge and Trap EPA 5030A

Blank (1522007-BLK1)

Prepared: 27-May-15 Analyzed: 28-May-15

Benzene	ND	0.10	mg/kg
Toluene	ND	0.10	"
Ethylbenzene	ND	0.10	"
p,m-Xylene	ND	0.20	"
o-Xylene	ND	0.10	"
Total Xylenes	ND	0.10	"
Total BTEX	ND	0.10	"

Surrogate: 4-Bromochlorobenzene-PID 0.481 " 0.404 119 50-150

LCS (1522007-BS1)

Prepared: 27-May-15 Analyzed: 28-May-15

Benzene	20.4	0.10	mg/kg	20.9	97.4	75-125
Toluene	18.1	0.10	"	20.9	86.7	70-125
Ethylbenzene	19.1	0.10	"	20.9	91.1	75-125
p,m-Xylene	41.1	0.21	"	41.8	98.2	80-125
o-Xylene	19.5	0.10	"	20.9	93.2	75-125

Surrogate: 4-Bromochlorobenzene-PID 0.439 " 0.418 105 50-150

Matrix Spike (1522007-MS1)

Source: P505051-08

Prepared: 27-May-15 Analyzed: 28-May-15

Benzene	21.6	0.09	mg/kg	18.6	ND	116	75-125
Toluene	19.2	0.09	"	18.6	ND	103	70-125
Ethylbenzene	20.1	0.09	"	18.6	ND	108	75-125
p,m-Xylene	43.4	0.19	"	37.2	ND	117	80-125
o-Xylene	20.6	0.09	"	18.6	ND	111	75-125

Surrogate: 4-Bromochlorobenzene-PID 0.360 " 0.372 96.9 50-150

Matrix Spike Dup (1522007-MSD1)

Source: P505051-08

Prepared: 27-May-15 Analyzed: 28-May-15

Benzene	20.8	0.09	mg/kg	18.0	ND	116	75-125	3.37	15
Toluene	18.6	0.09	"	18.0	ND	103	70-125	3.35	15
Ethylbenzene	19.5	0.09	"	18.0	ND	108	75-125	3.23	15
p,m-Xylene	42.0	0.18	"	36.0	ND	117	80-125	3.30	15
o-Xylene	20.0	0.09	"	18.0	ND	111	75-125	2.84	15

Surrogate: 4-Bromochlorobenzene-PID 0.349 " 0.360 96.9 50-150

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522006 - DRO Extraction EPA 3550M										
Blank (1522006-BLK1)				Prepared: 27-May-15 Analyzed: 28-May-15						
Diesel Range Organics (C10-C28)	ND	28.2	mg/kg							
Surrogate: o-Terphenyl	47.3		"	45.1		105	50-200			
LCS (1522006-BS1)				Prepared: 27-May-15 Analyzed: 28-May-15						
Diesel Range Organics (C10-C28)	521	23.8	mg/kg	475		110	38-132			
Surrogate: o-Terphenyl	36.6		"	38.0		96.2	50-200			
Matrix Spike (1522006-MS1)				Source: P505051-08		Prepared: 27-May-15 Analyzed: 28-May-15				
Diesel Range Organics (C10-C28)	610	22.7	mg/kg	453	ND	135	38-132			SPK1
Surrogate: o-Terphenyl	34.2		"	36.3		94.3	50-200			
Matrix Spike Dup (1522006-MSD1)				Source: P505051-08		Prepared: 27-May-15 Analyzed: 28-May-15				
Diesel Range Organics (C10-C28)	644	26.5	mg/kg	442	ND	146	38-132	5.51	20	SPK1
Surrogate: o-Terphenyl	40.3		"	35.3		114	50-200			

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ConocoPhillips
PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522007 - Purge and Trap EPA 5030A										
Blank (1522007-BLK1)				Prepared: 27-May-15 Analyzed: 28-May-15						
Gasoline Range Organics (C6-C10)	ND	10.1	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.422		"	0.404		105	50-150			
LCS (1522007-BS1)				Prepared: 27-May-15 Analyzed: 28-May-15						
Gasoline Range Organics (C6-C10)	260	10.5	mg/kg	279		93.1	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.384		"	0.418		91.7	50-150			
Matrix Spike (1522007-MS1)				Source: P505051-08		Prepared: 27-May-15 Analyzed: 28-May-15				
Gasoline Range Organics (C6-C10)	275	9.30	mg/kg	248	ND	111	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.322		"	0.372		86.5	50-150			
Matrix Spike Dup (1522007-MSD1)				Source: P505051-08		Prepared: 27-May-15 Analyzed: 28-May-15				
Gasoline Range Organics (C6-C10)	264	9.01	mg/kg	240	ND	110	75-125	4.09	15	
Surrogate: 4-Bromochlorobenzene-FID	0.307		"	0.360		85.3	50-150			

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PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522010 - DRO Extraction EPA 3550M										
Blank (1522010-BLK1)				Prepared & Analyzed: 29-May-15						
Diesel Range Organics (C10-C28)	ND	23.6	mg/kg							
Surrogate: o-Terphenyl	33.0		"	37.8		87.3	50-200			
LCS (1522010-BS1)				Prepared & Analyzed: 29-May-15						
Diesel Range Organics (C10-C28)	538	23.8	mg/kg	475		113	38-132			
Surrogate: o-Terphenyl	32.8		"	38.0		86.2	50-200			
Matrix Spike (1522010-MS1)				Source: P505074-01		Prepared & Analyzed: 29-May-15				
Diesel Range Organics (C10-C28)	527	24.3	mg/kg	486	ND	108	38-132			
Surrogate: o-Terphenyl	33.9		"	38.9		87.3	50-200			
Matrix Spike Dup (1522010-MSD1)				Source: P505074-01		Prepared & Analyzed: 29-May-15				
Diesel Range Organics (C10-C28)	514	27.3	mg/kg	454	ND	113	38-132	2.36	20	
Surrogate: o-Terphenyl	33.9		"	36.4		93.1	50-200			

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PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1522012 - Anion Extraction EPA 300.0										
Blank (1522012-BLK1)										
					Prepared & Analyzed: 29-May-15					
Chloride	ND	9.39	mg/kg							
LCS (1522012-BS1)										
					Prepared & Analyzed: 29-May-15					
Chloride	505	9.62	mg/kg	481		105	90-110			
Matrix Spike (1522012-MS1)										
					Source: P505074-01					
					Prepared & Analyzed: 29-May-15					
Chloride	551	9.58	mg/kg	479	60.0	103	80-120			
Matrix Spike Dup (1522012-MSD1)										
					Source: P505074-01					
					Prepared & Analyzed: 29-May-15					
Chloride	555	9.35	mg/kg	468	60.0	106	80-120	0.614	20	

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PO Box 2200
Bartlesville OK, 74005

Project Name: Hancock 5A
Project Number: 96052-1706
Project Manager: Lindsay Dumas

Reported:
01-Jun-15 09:55

Notes and Definitions

Surr1 Surrogate recovery was outside quality control limits.
SPK1 The spike recovery is outside of quality control limits.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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will call w/ r u

1d
3d

Page 1 of 1

Relinquished by: (Signature) <i>Kimberly R...</i>	Date 5/19/15	Time 12:10	Received by: (Signature) <i>[Signature]</i>	Date 5-19-15	Time 1210	Lab Use Only **Received on Ice Y <u>(N)</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 <u>22.5</u> T2 <u>22.6</u> T3 <u>22.4</u> AVG Temp °C <u>22.5</u>

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6C on subsequent days.

Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing Info:



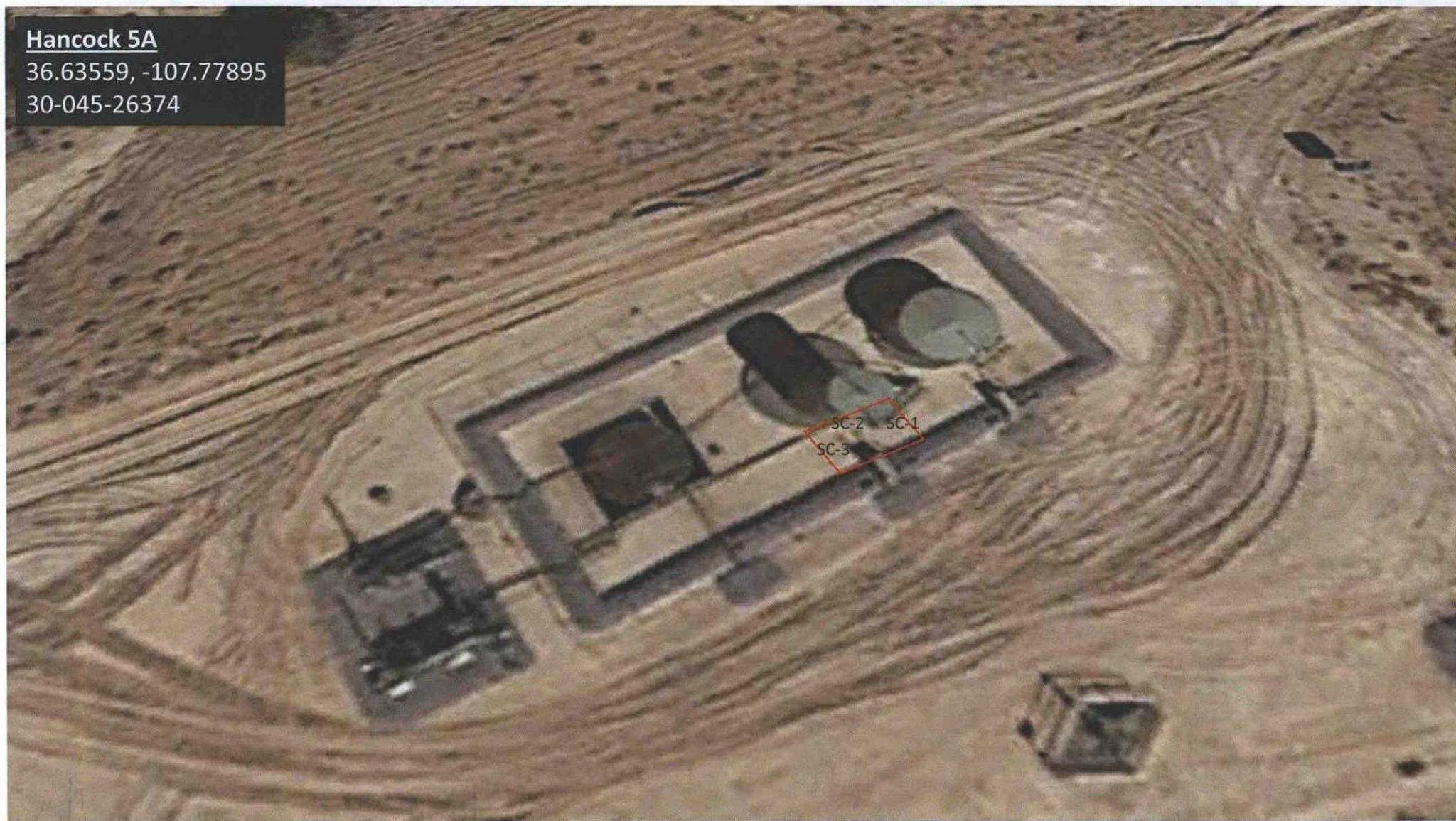
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Hancock 5A

36.63559, -107.77895

30-045-26374



Ranking – 0

- >200' to groundwater
- 1361' to surface water

Sample ID	GPS	Date	8021	8015	Chlorides
SC-1 @ 1ft	36.6356611, -107.779845	5/19/2015	ND	75.5 ppm	602 ppm
SC-1 @ 4ft	36.6356611, -107.779845	5/19/2015	ND	49.9 ppm	18.1 ppm
SC-2 @ 1ft	36.6356583, -107.7798638	5/19/2015	ND	ND	621 ppm
SC-2 @ 2ft	36.6356583, -107.7798638	5/19/2015	ND	ND	391 ppm
SC-3 @ 1ft	36.6356444, -107.779877	5/19/2015	ND	ND	499 ppm
SC-3 @ 2ft	36.6356444, -107.779877	5/19/2015	ND	56.2 ppm	73.8 ppm