

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

OIL CONS. DIV DIST. 3

Form C-141
Revised August 8, 2011

MAR 20 2017

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	Chevron Midcontinent, L.P.	Contact	Chester O'Nan
Address	332 CR 3100, Aztec, NM 87410	Telephone No.	(505) 333-1901
Facility Name	Robinson Brothers #2	Facility Type	Gas Well
Surface Owner	FEE	Mineral Owner	FEE
		API No.	30-045-31594

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	34	32N	13W	805	South	1005	East	San Juan

Latitude 36.938298 Longitude -108.185336

NATURE OF RELEASE

Type of Release	Natural gas, Produced water (Fruitland Coalbed)	Volume of Release est. < 1 gallon	Volume Recovered	0
Source of Release	Natural gas gathering line	Date and Hour of Occurrence	Date and Hour of Discovery 12/22/16 10:13	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?		
By Whom?		Date and Hour		
Was a Watercourse Reached?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. est. < 1 gallon		

If a Watercourse was Impacted, Describe Fully.*

NMOCD representative is confident fluids from the gas gathering line bubbled to the surface mixed with heavy rain runoff and ran into the La Plata river. A puddle between the site of the release and the river was tested for chlorides, results were negative.

Describe Cause of Problem and Remedial Action Taken.*

Landowner called Chevron local emergency phone-line at 10:13 AM 12/22/16 informing of a leak on the gas gathering line leaving the Robinson #2 well. Field personnel were dispatched immediately and had the line isolated and de-energized by 12:21 PM. Chevron personnel met with an NMOCD representative and the landowner on-site 12/23/16. 1/26/17 the site of the release was excavated and a soil sample was taken (lab analysis attached). Due to the complexity of the repair the excavation was closed back up and the gathering line remained shut in until the proper materials were sourced and weather conditions improved.

Describe Area Affected and Cleanup Action Taken.*

An NMOCD official witnessed an additional soil sample 3/6/17, results show 38.9 mg/kg for chlorides and non detect for BTEX, GRO, DRO, and TPH (analysis attached). 3/8/17 a new section of 4" steel pipe was pulled through an 8" polyethylene casing that crosses the La Plata River. To protect the repaired section from corrosion the new pipe has an abrasion resistant overcoating, the welds are coated with a hard epoxy, and the sacrificial anode was replaced.

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: Chester O'Nan

Title: Production Team Lead

E-mail Address: cnoc@chevron.com

Date: 3/20/17 Phone: (505) 947-1000

Approved by Environmental Specialist: 

Approval Date: 4/28/17

Expiration Date:

Conditions of Approval: -

Attached ☐

* Attach Additional Sheets If Necessary

#NCS 16 35844 828

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Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 3/6/2017 3:43:00PM

Job Number: 92270-0596

Work Order: P703002

Project Name/Location: Robinson #2

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman'.

Date: 3/9/17

Walter Hinchman, Laboratory Director

A handwritten signature in blue ink, appearing to read 'Tim Cain' with 'TC' written to the right.

Date: 3/9/17

Tim Cain, Quality Assurance Officer

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.



Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Robinson #2
Project Number: 92270-0596
Project Manager: Kyle Walter

Reported:
09-Mar-17 14:06

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pipeline 5 Spots	P703002-01A	Soil	03/06/17	03/06/17	Glass Jar, 4 oz.
Background	P703002-02A	Soil	03/06/17	03/06/17	Glass Jar, 4 oz.

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Chevron	Project Name:	Robinson #2	Reported:
322 Road 3100	Project Number:	92270-0596	09-Mar-17 14:06
Aztec NM, 87410	Project Manager:	Kyle Walter	

**Pipeline 5 Spots
P703002-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %		50-150	1710005	03/06/17	03/07/17	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1710005	03/06/17	03/07/17	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1710006	03/07/17	03/08/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %		50-150	1710005	03/06/17	03/07/17	EPA 8015D	
Surrogate: n-Nonane		108 %		50-200	1710006	03/07/17	03/08/17	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1710010	03/08/17	03/08/17	EPA 418.1	
Cation/Anion Analysis									
Chloride	38.9	20.0	mg/kg	1	1710009	03/07/17	03/07/17	EPA 300.0	

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Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Robinson #2
Project Number: 92270-0596
Project Manager: Kyle Walter

Reported:
09-Mar-17 14:06

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 1710005 - Purge and Trap EPA 5030A

Blank (1710005-BLK1)

Prepared: 06-Mar-17 Analyzed: 07-Mar-17

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 8.00 " 8.00 100 50-150

LCS (1710005-BS1)

Prepared: 06-Mar-17 Analyzed: 07-Mar-17

Benzene	5.04	0.10	mg/kg	5.00		101	70-130
Toluene	5.05	0.10	"	5.00		101	70-130
Ethylbenzene	5.09	0.10	"	5.00		102	70-130
p,m-Xylene	10.3	0.20	"	10.0		103	70-130
o-Xylene	4.94	0.10	"	5.00		98.8	70-130

Surrogate: 4-Bromochlorobenzene-PID 8.05 " 8.00 101 50-150

Matrix Spike (1710005-MS1)

Source: P703002-01

Prepared: 06-Mar-17 Analyzed: 07-Mar-17

Benzene	5.05	0.10	mg/kg	5.00	ND	101	54.3-133
Toluene	5.07	0.10	"	5.00	ND	101	61.4-130
Ethylbenzene	5.09	0.10	"	5.00	ND	102	61.4-133
p,m-Xylene	10.3	0.20	"	10.0	ND	103	63.3-131
o-Xylene	4.97	0.10	"	5.00	ND	99.5	63.3-131

Surrogate: 4-Bromochlorobenzene-PID 8.11 " 8.00 101 50-150

Matrix Spike Dup (1710005-MSD1)

Source: P703002-01

Prepared: 06-Mar-17 Analyzed: 07-Mar-17

Benzene	5.02	0.10	mg/kg	5.00	ND	100	54.3-133	0.486	20
Toluene	5.04	0.10	"	5.00	ND	101	61.4-130	0.549	20
Ethylbenzene	5.06	0.10	"	5.00	ND	101	61.4-133	0.639	20
p,m-Xylene	10.3	0.20	"	10.0	ND	103	63.3-131	0.705	20
o-Xylene	4.90	0.10	"	5.00	ND	98.1	63.3-131	1.39	20

Surrogate: 4-Bromochlorobenzene-PID 8.10 " 8.00 101 50-150

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Chevron	Project Name:	Robinson #2	Reported: 09-Mar-17 14:06
322 Road 3100	Project Number:	92270-0596	
Aztec NM, 87410	Project Manager:	Kyle Walter	

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 1710005 - Purge and Trap EPA 5030A										
Blank (1710005-BLK1)				Prepared: 06-Mar-17 Analyzed: 07-Mar-17						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		"	8.00		94.7	50-150			
LCS (1710005-BS1)				Prepared: 06-Mar-17 Analyzed: 07-Mar-17						
Gasoline Range Organics (C6-C10)	55.9	20.0	mg/kg	60.9		91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		"	8.00		94.7	50-150			
Matrix Spike (1710005-MS1)				Source: P703002-01		Prepared: 06-Mar-17 Analyzed: 07-Mar-17				
Gasoline Range Organics (C6-C10)	55.6	20.0	mg/kg	60.9	ND	91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		"	8.00		95.1	50-150			
Matrix Spike Dup (1710005-MSD1)				Source: P703002-01		Prepared: 06-Mar-17 Analyzed: 07-Mar-17				
Gasoline Range Organics (C6-C10)	55.1	20.0	mg/kg	60.9	ND	90.5	70-130	0.813	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		"	8.00		94.7	50-150			

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Chevron	Project Name:	Robinson #2	Reported:
322 Road 3100	Project Number:	92270-0596	09-Mar-17 14:06
Aztec NM, 87410	Project Manager:	Kyle Walter	

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
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Batch 1710006 - DRO Extn/SiO2 Cleanup EPA 3570/3630C

Blank (1710006-BLK1)

Prepared & Analyzed: 07-Mar-17

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	51.7		mg/L	50.0		103	50-200			

LCS (1710006-BS1)

Prepared & Analyzed: 07-Mar-17

Diesel Range Organics (C10-C28)	535	25.0	mg/kg	500		107	38-132			
Surrogate: n-Nonane	57.4		mg/L	50.0		115	50-200			

Matrix Spike (1710006-MS1)

Source: P703001-01

Prepared & Analyzed: 07-Mar-17

Diesel Range Organics (C10-C28)	2760	250	mg/kg	500	2480	56.2	38-132			
Surrogate: n-Nonane	56.6		mg/L	50.0		113	50-200			

Matrix Spike Dup (1710006-MSD1)

Source: P703001-01

Prepared & Analyzed: 07-Mar-17

Diesel Range Organics (C10-C28)	2580	250	mg/kg	500	2480	19.7	38-132	6.83	20	SPK2
Surrogate: n-Nonane	56.1		mg/L	50.0		112	50-200			

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Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Robinson #2
Project Number: 92270-0596
Project Manager: Kyle Walter

Reported:
09-Mar-17 14:06

Total Petroleum Hydrocarbons by 418.1 - 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 1710010 - 418 Freon Extraction

Blank (1710010-BLK1)

Prepared & Analyzed: 08-Mar-17

Total Petroleum Hydrocarbons ND 40.0 mg/kg

LCS (1710010-BS1)

Prepared & Analyzed: 08-Mar-17

Total Petroleum Hydrocarbons 918 40.0 mg/kg 1000 91.8 80-120

Matrix Spike (1710010-MS1)

Source: P703001-01

Prepared & Analyzed: 08-Mar-17

Total Petroleum Hydrocarbons 3320 400 mg/kg 1000 3410 NR 70-130 SPK1

Matrix Spike Dup (1710010-MSD1)

Source: P703001-01

Prepared & Analyzed: 08-Mar-17

Total Petroleum Hydrocarbons 4940 400 mg/kg 1000 3410 153 70-130 39.2 30 SPK1

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Chevron	Project Name:	Robinson #2	Reported:
322 Road 3100	Project Number:	92270-0596	09-Mar-17 14:06
Aztec NM, 87410	Project Manager:	Kyle Walter	

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 1710009 - Anion Extraction EPA 300.0										
Blank (1710009-BLK1)				Prepared & Analyzed: 07-Mar-17						
Chloride	ND	20.0	mg/kg							
LCS (1710009-BS1)				Prepared & Analyzed: 07-Mar-17						
Chloride	512	20.0	mg/kg	500		102	90-110			
Matrix Spike (1710009-MS1)				Source: P703002-01 Prepared & Analyzed: 07-Mar-17						
Chloride	548	20.0	mg/kg	500	38.9	102	80-120			
Matrix Spike Dup (1710009-MSD1)				Source: P703002-01 Prepared & Analyzed: 07-Mar-17						
Chloride	546	20.0	mg/kg	500	38.9	101	80-120	0.289	20	

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Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Robinson #2
Project Number: 92270-0596
Project Manager: Kyle Walter

Reported:
09-Mar-17 14:06

Notes and Definitions

SPK2 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to native analyte concentration at 4 times or greater than the spike concentration.

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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Project Manager:

1d
3d

92270-0596

lab Only

Lab Number

Correct Cont/Prsv (s) Y/N

Page 10 of 10

Page

of

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____		Container Type: g - glass, p - poly/plastic, ag - amber glass
**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 6 °C on subsequent days.		
<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing Info: <i>Hold background until after first sample analyzed and client gives direction.</i>

**Analytical Laboratory**

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