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Analytical Laboratory

NAPP2105740019

Analytical Report

Report Summary

Client: Coleman Oil & Gas

Samples Received: 8/20/2020

Job Number: 05206-0001

Work Order: P008071

Project Name/Location: Newsom B-14

Report Reviewed By: Walter Hinchman Date: 8/27/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Soil Newsom B-14	P008071-01A	Soil	08/19/20	08/20/20	Glass Jar, 4 oz.

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Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Soil Newsom B-14
P008071-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035008
Benzene	**0.355**	0.250	10	08/24/20	08/26/20		
Toluene	**1.31**	0.250	10	08/24/20	08/26/20		
Ethylbenzene	**0.924**	0.250	10	08/24/20	08/26/20		
p,m-Xylene	**120**	0.500	10	08/24/20	08/26/20		
o-Xylene	**5.23**	0.250	10	08/24/20	08/26/20		
Total Xylenes	**125**	0.250	10	08/24/20	08/26/20		
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*50-150*	*08/24/20*	*08/26/20*		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch:	2035008
Gasoline Range Organics (C6-C10)	**435**	200	10	08/24/20	08/26/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*50-150*	*08/24/20*	*08/26/20*		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch:	2035012
Diesel Range Organics (C10-C28)	**13600**	250	10	08/24/20	08/25/20		
Oil Range Organics (C28-C40)	**2440**	500	10	08/24/20	08/25/20		
Surrogate: n-Nonane		*758 %*	*50-200*	*08/24/20*	*08/25/20*	*S5*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2035013
Chloride	**113**	20.0	1	08/25/20	08/25/20		

Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035008-BLK1)									Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.21*		*8.00*		*103*	*50-150*			
LCS (2035008-BS1)									Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Benzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
o-Xylene	5.15	0.0250	5.00		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.47*		*8.00*		*106*	*50-150*			
Matrix Spike (2035008-MS1)				**Source: P008061-21**					Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Benzene	5.31	0.0250	5.00	ND	106	54-133			
Toluene	5.31	0.0250	5.00	ND	106	61-130			
Ethylbenzene	5.27	0.0250	5.00	ND	105	61-133			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
o-Xylene	5.31	0.0250	5.00	ND	106	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.43*		*8.00*		*105*	*50-150*			
Matrix Spike Dup (2035008-MSD1)				**Source: P008061-21**					Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Benzene	5.16	0.0250	5.00	ND	103	54-133	2.89	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	3.22	20	
Ethylbenzene	5.11	0.0250	5.00	ND	102	61-133	3.16	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	3.16	20	
o-Xylene	5.14	0.0250	5.00	ND	103	63-131	3.28	20	
Total Xylenes	15.4	0.0250	15.0	ND	102	63-131	3.20	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.36*		*8.00*		*104*	*50-150*			

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Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035008-BLK1)									Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.21*		*8.00*		*90.1*	*50-150*			
LCS (2035008-BS2)									Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.05*		*8.00*		*88.1*	*50-150*			
Matrix Spike (2035008-MS2)				**Source: P008061-21**					Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.03*		*8.00*		*87.9*	*50-150*			
Matrix Spike Dup (2035008-MSD2)				**Source: P008061-21**					Prepared: 08/24/20 1 Analyzed: 08/25/20 1
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130	5.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.9*	*50-150*			

Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035012-BLK1)									Prepared: 08/24/20 1 Analyzed: 08/25/20 0
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	*53.3*		*50.0*		*107*	*50-200*			
LCS (2035012-BS1)									Prepared: 08/24/20 1 Analyzed: 08/25/20 0
Diesel Range Organics (C10-C28)	476	25.0	500		95.2	38-132			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
Matrix Spike (2035012-MS1)									**Source: P008061-23** Prepared: 08/24/20 1 Analyzed: 08/25/20 0
Diesel Range Organics (C10-C28)	505	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	*25.5*		*50.0*		*51.0*	*50-200*			
Matrix Spike Dup (2035012-MSD1)									**Source: P008061-23** Prepared: 08/24/20 1 Analyzed: 08/25/20 0
Diesel Range Organics (C10-C28)	498	25.0	500	ND	99.7	38-132	1.29	20	
Surrogate: n-Nonane	*43.9*		*50.0*		*87.9*	*50-200*			

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Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Anions by EPA 300.0/9056A - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035013-BLK1)									Prepared: 08/25/20 0 Analyzed: 08/25/20 1
Chloride	ND	20.0							
LCS (2035013-BS1)									Prepared: 08/25/20 0 Analyzed: 08/25/20 1
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2035013-MS1)					**Source: P008061-21**				Prepared: 08/25/20 0 Analyzed: 08/25/20 1
Chloride	308	20.0	250	55.3	101	80-120			
Matrix Spike Dup (2035013-MSD1)					**Source: P008061-21**				Prepared: 08/25/20 0 Analyzed: 08/25/20 1
Chloride	311	20.0	250	55.3	102	80-120	1.11	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

Coleman Oil & Gas	Project Name:	Newsom B-14	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:05

Notes and Definitions

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	Coleman Oil & Gas
Project:	Nezson B-14
Project Manager:	Bruce Taylor
Adc	Drawer 3337 Farmington
City, State, Zip	87401
Phone:	505 327 0356
Email:	BruceTaylor@Cog-Fmn.com
Report due by:	MKanson@Cog-Fmn.com

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#: P088071 | Job Number: 1R2000-0001

TAT: 1D | 3D

EPA Program: RCRA | CWA | SDWA

State: NM | CO | UT | AZ | TX | OK

Time Sampled	Date Sampled	Matrix	No. Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
1:20	8-19	Soil	1	Soil Nezson B-14	1	X	X	X			X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Bruce Taylor

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bruce Taylor	8-20	8:20 AM	[signature]	8.20.20	8:20
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

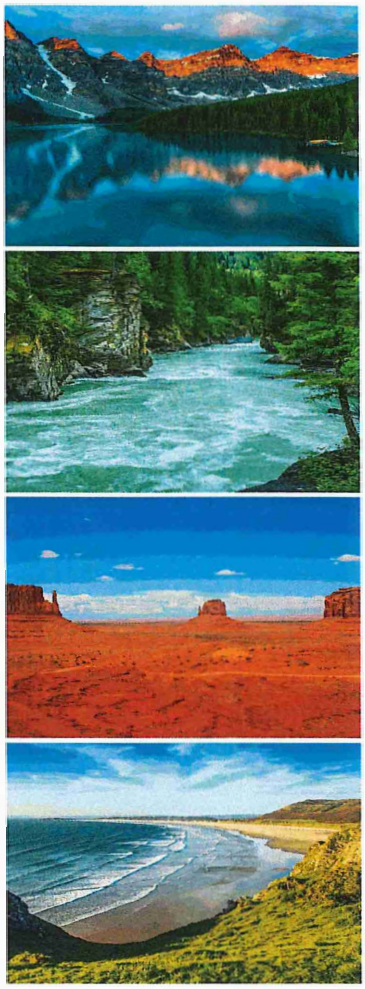
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5795 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

Report to:

Vanessa Fields

P.O. Box 3337
Farmington, NM 87499



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

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Practical Solutions for a Better Tomorrow

Analytical Report

Coleman Oil & Gas

Project Name:	Newsome B #014
Work Order:	E010133
Job Number:	05206-0001
Received:	10/29/2020

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/5/20

Date Reported: 11/5/20

Vanessa Fields
P.O. Box 3337
Farmington, NM 87499

Project Name: Newsome B #014
Workorder: E010133
Date Received: 10/29/2020 2:48:00PM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/29/2020 2:48:00PM, under the Project Name: Newsome B #014.

The analytical test results summarized in this report with the Project Name: Newsome B #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Lopez
Laboratory Administrator
Office: 505-632-1881
rlopez@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Coleman Oil & Gas	Project Name:	Newsome B #014	**Reported:**
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/05/20 14:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW Wall Composite	E010133-01A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
Base	E010133-02A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
NE Wall	E010133-03A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.

Sample Data

Coleman Oil & Gas	Project Name:	Newsome B #014	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

SW Wall Composite

E010133-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Toluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
p,m-Xylene	**0.210**	0.0500	1	11/02/20	11/03/20	
o-Xylene	**0.0854**	0.0250	1	11/02/20	11/03/20	
Total Xylenes	**0.296**	0.0250	1	11/02/20	11/03/20	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/02/20*	*11/03/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*11/02/20*	*11/03/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2045027
Diesel Range Organics (C10-C28)	**597**	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	**288**	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		*121 %*	*50-200*	*11/04/20*	*11/05/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2045017
Chloride	**57.0**	20.0	1	11/03/20	11/03/20	

Sample Data

Coleman Oil & Gas	Project Name:	Newsome B #014	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

Base

E010133-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Toluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
p,m-Xylene	ND	0.0500	1	11/02/20	11/03/20	
o-Xylene	ND	0.0250	1	11/02/20	11/03/20	
Total Xylenes	ND	0.0250	1	11/02/20	11/03/20	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/02/20*	*11/03/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*11/02/20*	*11/03/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2045027
Diesel Range Organics (C10-C28)	**70.7**	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	**54.1**	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/04/20*	*11/05/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2045017
Chloride	**46.5**	20.0	1	11/03/20	11/03/20	

Sample Data

Coleman Oil & Gas	Project Name:	Newsome B #014	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

NE Wall

E010133-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Toluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
p,m-Xylene	ND	0.0500	1	11/02/20	11/03/20	
o-Xylene	ND	0.0250	1	11/02/20	11/03/20	
Total Xylenes	ND	0.0250	1	11/02/20	11/03/20	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/02/20*	*11/03/20*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*11/02/20*	*11/03/20*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2045027
Diesel Range Organics (C10-C28)	**257**	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	**153**	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/04/20*	*11/05/20*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2045017
Chloride	**57.1**	20.0	1	11/03/20	11/03/20	

QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	**Reported:**
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2045007-BLK1)									Prepared: 11/02/20 Analyzed: 11/04/20
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.7*	*70-130*			
LCS (2045007-BS1)									Prepared: 11/02/20 Analyzed: 11/04/20
Benzene	5.00	0.0250	5.00		99.9	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
p,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
o-Xylene	4.98	0.0250	5.00		99.7	70-130			
Total Xylenes	15.0	0.0250	15.0		99.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.24*		*8.00*		*103*	*70-130*			
Matrix Spike (2045007-MS1)				**Source: E010132-01**					Prepared: 11/02/20 Analyzed: 11/04/20
Benzene	5.91	0.0250	5.00	ND	118	54-133			
Toluene	5.91	0.0250	5.00	0.0274	118	61-130			
Ethylbenzene	5.88	0.0250	5.00	ND	118	61-133			
p,m-Xylene	12.2	0.0500	10.0	0.265	119	63-131			
o-Xylene	6.04	0.0250	5.00	0.0726	119	63-131			
Total Xylenes	18.2	0.0250	15.0	0.337	119	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.43*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2045007-MSD1)				**Source: E010132-01**					Prepared: 11/02/20 Analyzed: 11/04/20
Benzene	5.32	0.0250	5.00	ND	106	54-133	10.6	20	
Toluene	5.28	0.0250	5.00	0.0274	105	61-130	11.3	20	
Ethylbenzene	5.26	0.0250	5.00	ND	105	61-133	11.3	20	
p,m-Xylene	10.8	0.0500	10.0	0.265	105	63-131	12.5	20	
o-Xylene	5.36	0.0250	5.00	0.0726	106	63-131	12.1	20	
Total Xylenes	16.1	0.0250	15.0	0.337	105	63-131	12.3	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		*8.00*		*102*	*70-130*			

QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	**Reported:**
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2045007-BLK1)									Prepared: 11/02/20 Analyzed: 11/04/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.87*		*8.00*		*85.9*	*70-130*			
LCS (2045007-BS2)									Prepared: 11/02/20 Analyzed: 11/04/20
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.05*		*8.00*		*88.1*	*70-130*			
Matrix Spike (2045007-MS2)				**Source: E010132-01**					Prepared: 11/02/20 Analyzed: 11/04/20
Gasoline Range Organics (C6-C10)	62.2	20.0	50.0	ND	124	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.02*		*8.00*		*87.7*	*70-130*			
Matrix Spike Dup (2045007-MSD2)				**Source: E010132-01**					Prepared: 11/02/20 Analyzed: 11/04/20
Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.11*		*8.00*		*88.9*	*70-130*			

QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	**Reported:**
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2045027-BLK1)									Prepared: 11/04/20 Analyzed: 11/04/20
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*50-200*			
LCS (2045027-BS1)									Prepared: 11/04/20 Analyzed: 11/04/20
Diesel Range Organics (C10-C28)	435	25.0	500		87.1	38-132			
Surrogate: n-Nonane	*49.8*		*50.0*		*99.6*	*50-200*			
Matrix Spike (2045027-MS1)				**Source: E010132-04**					Prepared: 11/04/20 Analyzed: 11/05/20
Diesel Range Organics (C10-C28)	2650	50.0	500	1970	136	38-132			M2
Surrogate: n-Nonane	*63.7*		*50.0*		*127*	*50-200*			
Matrix Spike Dup (2045027-MSD1)				**Source: E010132-04**					Prepared: 11/04/20 Analyzed: 11/05/20
Diesel Range Organics (C10-C28)	2650	50.0	500	1970	138	38-132	0.351	20	M2
Surrogate: n-Nonane	*66.5*		*50.0*		*133*	*50-200*			

QC Summary Data

Coleman Oil & Gas	Project Name:	Newsome B #014	**Reported:**
P.O. Box 3337	Project Number:	05206-0001	
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/5/2020 2:53:50PM

Anions by EPA 300.0/9056A

Analyst: NE

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2045017-BLK1)									Prepared: 11/03/20 Analyzed: 11/03/20
Chloride	ND	20.0							
LCS (2045017-BS1)									Prepared: 11/03/20 Analyzed: 11/03/20
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2045017-MS1)				**Source: E010132-01**					Prepared: 11/03/20 Analyzed: 11/03/20
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2045017-MSD1)				**Source: E010132-01**					Prepared: 11/03/20 Analyzed: 11/03/20
Chloride	253	20.0	250	ND	101	80-120	0.0316	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Coleman Oil & Gas	Project Name:	Newsome B #014	
P.O. Box 3337	Project Number:	05206-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/05/20 14:53

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Conoco Phillips	Bill To	Lab Use Only	TAT / EPA Program
Project: Nelson B #1 C-141	Attention: M. Hanson	Lab WO# E010133	Job Number 05206-0001
Project Manager: Vanessa Lopez	Address:	1D 2D 3D Standard	CWA SDWA
Address: 3401 E. Main Street	City, State, Zip	Analysis and Method	RCRA
City State Zip Farmington NM 87402	Phone: 505-330-0903		
Phone: 505-787-9100	Email: Mhanson@cog.twx.com		
Email: vlopez@walsheng.com			
Report due by: Standard			

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
12:20	10/29/20		1402	SW Wall Composite	1	X	X	X			X	
12:35	"		1	Base	2	X	X	X			X	
12:10	"		1	NE Wall	3	X	X	X			X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/29/20	2:40		10/29/20 14:48	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 10/29/2020 3:57:11PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Coleman Oil & Gas	Date Received:	10/29/20 14:48	Work Order ID:	E010133
Phone:	505-327-0356	Date Logged In:	10/29/20 15:54	Logged In By:	Alexa Michaels
Email:	vanessa@walsheng.net	Due Date:	11/05/20 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Vanessa Fields
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.