NAPP2105549244



## **Analytical Report**

#### **Report Summary**

Client: Coleman Oil & Gas Samples Received: 8/20/2020 Job Number: 05206-0001 Work Order: P008066 Project Name/Location: Hodges #15

Report Reviewed By:

Walter Hinker

Date: 8/27/20

Walter Hinchman, Laboratory Director



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. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. 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.





Coleman Oil & Gas P.O. Box 3337 Farmington NM, 87499	P.O. Box 3337 Project Number: 05206-0001						
	Sa	ample Su	mmary				
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container		
Soil Hodges #15 BGT	P008066-01A	Soil	08/20/20	08/20/20	Glass Jar, 4 oz.		



Coleman Oil & Gas	Project Name:	Hodges	#15				
P.O. Box 3337	Project Number:	05206-0	0001			Repor	ted:
Farmington NM, 87499	Project Manager:	Bruce T	Taylor			08/27/20	14:02
		lodges #15 B					
	P00	)8066-01 (Solid	i)	_	_		
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch:	2035008
Benzene	1.90	0.250	10	08/24/20	08/26/20		
Toluene	2.12	0.250	10	08/24/20	08/26/20		
Ethylbenzene	0.999	0.250	10	08/24/20	08/26/20		
p,m-Xylene	111	0.500	10	08/24/20	08/26/20		
o-Xylene	12.1	0.250	10	08/24/20	08/26/20		
Total Xylenes	123	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)	813	200	10	08/24/20	08/26/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	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)	2620	50.0	2	08/24/20	08/25/20		
Oil Range Organics (C28-C40)	488	100	2	08/24/20	08/25/20		
Surrogate: n-Nonane		654 %	50-200	08/24/20	08/25/20	<i>S5</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2035013
Chloride	23.4	20.0	1	08/25/20	08/25/20		



Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com

Page 3 of 9



Coleman Oil & Gas		Project Name:		Hodges #15					
P.O. Box 3337		Project Number:		05206-0001					Reported:
Farmington NM, 87499		Project Manager:		Bruce Taylor					08/27/20 14:02
	Volati	le Organics by	EPA	8021B - Ou	ality Con	trol	_		
		Reporting	Spike	Source		REC		RPD	
Analyte Re:	sult	Limit	Level		REC	Limits	RPD	Limit	Notes
mg		mg/kg	mg/kg	Result mg/kg	%	%	%	%	THORE
			-						
Blank (2035008-BLK1)				1.			Prepared	: 08/24/20	Analyzed: 08/25/20 1
	ID	0.0250							
	ID	0.0250							
	۱D	0.0250							
phil represent	1D	0.0500							
	1D	0.0250							
Total Xylenes N	۱D	0.0250							
Surrogate: 4-Bromochlorobenzene-PID 8.	.21		8.00		103	50-150			
LCS (2035008-BS1)							Prepared	1: 08/24/20	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			
o,m-Xylene li	0.2	0.0500	10.0		102	70-130			
o-Xylene 5.	.15	0.0250	5.00		103	70-130			
Total Xylenes 1.	5.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID 8.	.47		8.00		106	50-150			
Matrix Spike (2035008-MS1)					Source: P	008061-21	Preparec	1: 08/24/20	1 Analyzed: 08/25/20 1
Benzenc 5.	.31	0.0250	5.00	ND	106	54-133			
Toluene 5.	.31	0.0250	5.00	ND	106	61-130			
	.27	0.0250	5.00	ND	105	61-133			
	0.6	0.0500	10.0	ND	106	63-131			
	.31	0.0250	5.00	ND	106	63-131			
	5.9	0.0250	15.0	ND	106	63-131			
	.43		8.00		105	50-150			
Matrix Spike Dup (2035008-MSD1)					Source: P	008061-21	Prepared	1: 08/24/20	1 Analyzed: 08/25/20 1
Benzene 5	.16	0.0250	5.00	ND	103	54-133	2.89	20	
	.14	0.0250	5.00	ND	103	61-130	3.22	20	
	.11	0.0250	5.00	ND	102	61-133	3.16	20	
	0.2	0.0500	10.0	ND	102	63-131	3.16	20	
	.14	0.0250	5.00	ND	103	63-131	3.28	20	
	5.4	0.0250	15.0	ND	102	63-131	3.20	20	
	3.36		8.00		104	50-150		_	



Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com

Page 4 of 9



Coleman Oil & Gas		Project Name:		Hodges #15					
P.O. Box 3337		Project Number	:	05206-0001					Reported:
Farmington NM, 87499		Project Manager	r:	Bruce Taylor					08/27/20 14:02
	Nonhalogen	ated Organics	by EPA	A 8015D - G	RO - Qua	lity Cont	rol		
		Reporting	Spike	Source		REC		RPD	
Analyte	Result	Limit	Level	Result	REC	Limits	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. I	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. I	50-150			
Matrix Spike (2035008-MS2)					Source: P	008061-21	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: P	008061-21	Preparec	1: 08/24/20	1 Analyzed: 08/25/20
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			

e

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com

Page 5 of 9



Coleman Oil & Gas		Project Name:		Hodges #15					
P.O. Box 3337		Project Number:		05206-0001					Reported:
Farmington NM, 87499		Project Manager:		Bruce Taylor					08/27/20 14:02
No	nhalogenate	ed Organics by I	EPA 80	)15D - DRO	/ORO - 0	Quality Co	ontrol		
		Reporting	Spike	Source		REC		RPD	
Analyte	Result	Limit	Level	Result	REC	Limits	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	1: 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: P	008061-23	Prepared	1: 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: F	2008061-23	Prepared	1: 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			



Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com

Page 6 of 9



Coleman Oil & Gas		Project Name:	1	Hodges #15					
P.O. Box 3337		Project Number:		05206-0001					Reported:
Farmington NM, 87499		Project Manager	r:	Bruce Taylor					08/27/20 14:02
	А	nions by EPA 3	00.0/90	56A - Qual	ity Contr	ol			
		Reporting	Spike	Source		REC		RPD	
Analyte	Result	Limit	Level	Result	REC	Limits	RPD	Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2035013-BLK1)							Prepared	1: 08/25/20	0 Analyzed: 08/25/20 1
Chloride	ND	20.0							
LCS (2035013-BS1)							Prepared	1: 08/25/20	0 Analyzed: 08/25/20 1
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2035013-MS1)					Source: P	008061-21	Preparec	1: 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: P	008061-21	Preparec	1: 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.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com

Page 7 of 9



Coleman Oil & Gas	Project Name:	Hodges #15	الماسين المسالمين ومبالية المستر
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Bruce Taylor	08/27/20 14:02

#### **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 I	imit
---	------

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.

Partial or incomplete reproduction of this report is prohibited, unless app roved by Envirotech, Inc.



#### Project Information

There is a state of the

 $\frac{1}{n} T = \frac{1}{n} \sum_{i=1}^{n} \frac{1}{n} \sum_{i$ 

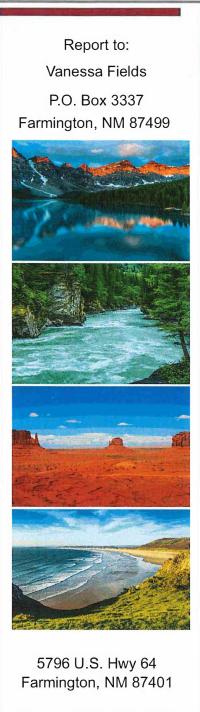
#### Chain of Custody

Page \_\_\_\_\_ of \_\_\_\_\_

Client:	Colen	ARN G	1/ 21	SAS	500	Bill To		Lab Use Only TAT EPA Prog									PA Prog	ram		
Project:	Hody	es es	15			Attention:		Lab	WO	H	the second	Job	Num	ber	1D	3D	RCRA	CWA	SD\	NA
Project N	Nanager:	Bruc	e Tay	ilon	6.0	Address:		PC	202	Cu	6	2F	SER	10-000		-				
Address:	r. 0.	Drawg	cass.	7	110	City, State, Zip			_	_	_	Anal	ysis a	nd Metho	d				tate	_
City Stat	e Zin Fa	l.	- Al Al	8700		Phone:												NM C	JUT	AZ
Phone:	505 3	27 . 675	<u>«</u>	-	Sec. 123	E.mail:		015	015				1000							
Email: <	JAN. RPJ	byler e	(:0G=	FMN.	Can			by 8	P8 8	121	8	2	8					TXO	K	_
	ue by	AACAA)	D COS	-FMN.	Cary		1	B	8	V 80	V 82	601	lea							_
Time Sampled	Date V Sampled	Matrix	Containers	Sample	ĥ.		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					Re	emarks	
9:45	8-19	Sil	1	Sa	1 1/2	Lges # BGT	1	X	X	X			X							
					////0		(1)		-	-	1		-		-				_	_
							14													
							a the second second													
							AL STOCK					_						-		_
							100 100													
							T SEA OF			-	_						_			
							and the second													
							AREA CONTRACTOR													
					_		Find the m				-	-	-		-					-
																				_
							175													
	_																			
Addition	al Instruc	tions					Martin			-										_
					am aware that t on. Sampled by;	ampering with or intentionally phabelling the sample	Arillow							in ice at an avg						
Relinquishe				20	Time . O.	Received by: (Signature)	Date	Sec. 1	Time		_		1.3510	CIRCLER .	Li	b Us	e Only	1.4	P	
Srul	p la	les	Bate 8	E	8-20	P U U UUUUUU	<b>Apol</b>	30	X	5 0	20	Rece	eived	on ice:	Q	/ N			And And A	1
Relinquishe	d by: (Sign	ature)	Date		Time	Received by: (Signature)	Date		Time			1972							E. CAL	
											_	T1	-	. Station :	T2.	n.e		B		1.4
Relinquishe	d by: (Sign	ature)	Date		Time	Received by: (Signature)	Date		Time			AVG	Tor	p°C Ū	. (	Š		THE REPORT		Service Services
Samole Matri	x: S - Soil, Sr	d - Solid, Sg - S		urous O.	Other		Container	Type		lass	n - nr		astir	ag - amh	or plas	c v-1			and the state of the state	100
						rangements are made. Hazardous samples wil												ve samples	is applica	ble
						of the laboratory is limited to the amount paid										_				
-	2											-					20.2	atach in an	000	
	3e	Analy	rot	ec	n 579	S US Highway 64. Famirolon. Nbl 87401				P	(505)	532-18	S1 Fx I	505) 632-186	5	100		otech-inc ri	$\mathcal{X} = \mathbf{v}$	
	-	Analy	tical La	aborat	ory 24	How Emergency: Response Phane (800) 302-1879										lal	badmin@cr	violeching	c.com	

1

111



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





# envirotech

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

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. 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

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW Wall Composite	5
Base	6
NE Wall	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

## Sample Summary

Coleman Oil & Gas P.O. Box 3337 Farmington NM, 87499		Project Name: Project Number: Project Manager:	Newsome B #014 05206-0001 Vanessa Fields		<b>Reported:</b> 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.
VE Wall	E010133-03A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.



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				
		E010133-01				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/03/20	
Foluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
o,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	A	nalyst: 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	А	nalyst: 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	А	nalyst: NE		Batch: 2045017
Chloride	57.0	20.0	I	11/03/20	11/03/20	

		-				
Coleman Oil & Gas	Project Name:	New	some B #014			
P.O. Box 3337	Project Numbe	er: 0520	06-0001			Reported:
Farmington NM, 87499	Project Manage	er: Vane	essa Fields			11/5/2020 2:53:50PM
		Base				
		E010133-02				
		Reporting				
Analyte	Result	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	
Foluene	ND	0.0250	1	11/02/20	11/03/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/03/20	
o,m-Xylene	ND	0.0500	1	11/02/20	11/03/20	
p-Xylene	ND	0.0250	1	11/02/20	11/03/20	
Total Xylenes	ND	0.0250	ï	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: I-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	
Dil 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	Analysi	: NE		Batch: 2045017
Chloride	46.5	20.0	1	11/03/20	11/03/20	

<b>Reported:</b> 1/5/2020 2:53:50PM
1/5/2020 2:53:50PN
Notes
atch: 2045007
Batch: 2045007
Batch: 2045027
Batch: 2045017
Salch: 2043017

à

				v					
Coleman Oil & Gas		Project Name:		ewsome B #01	4				Reported:
P.O. Box 3337		Project Number:	05	5206-0001					
Farmington NM, 87499		Project Manager:	Va	anessa Fields					11/5/2020 2:53:50PM
		Volatile Or	rganics b	oy EPA 802	1B				Analyst: IY
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045007-BLK1)						Pre	pared: 11/0	)2/20 Ana	lyzed: 11/04/20
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
o,m-Xylene	ND	0.0500							
p-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			
LCS (2045007-BS1)						Pre	pared: 11/0	02/20 Ana	lyzed: 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			
o,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
p-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)				Sour	rce: E010	132-01 Pre	pared: 11/	02/20 Ana	alyzed: 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			
Matuin Spiles Dup (2045007 MED1)					rce: E010		-		alyzed: 11/04/20
Matrix Spike Dup (2045007-MISDI)					100	54-133	10.6	20	
Matrix Spike Dup (2045007-MSD1) Benzene	5.32	0.0250	5.00	ND	106				
Benzene	5.28	0.0250	5.00	0.0274	105	61-130	11.3	20	
Benzene Toluene Ethylbenzene	5.28 5.26	0.0250 0.0250	5.00 5.00	0.0274 ND	105 105	61-130 61-133	11.3 11.3	20 20	
Benzene Toluene Ethylbenzene p.m-Xylene	5.28 5.26 10.8	0.0250 0.0250 0.0500	5.00 5.00 10.0	0.0274 ND 0.265	105 105 105	61-130 61-133 63-131	11.3 11.3 12.5	20 20 20	
Benzene Toluene Ethylbenzene	5.28 5.26	0.0250 0.0250	5.00 5.00	0.0274 ND	105 105	61-130 61-133	11.3 11.3	20 20	



Coleman Oil & Gas P.O. Box 3337		Project Name: Project Number:	0	lewsome B #014 5206-0001					Reported:
Farmington NM, 87499		Project Manager:	V	/anessa Fields					11/5/2020 2:53:50PM
	No	nhalogenated C	Organics	by EPA 8015	5 <b>D - G</b>	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045007-BLK1)						Pre	pared: 11/0	02/20 Anal	yzed: 11/04/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-F1D	6.87		8.00		85.9	70-130			
LCS (2045007-BS2)						Pre	pared: 11/0	02/20 Ana	lyzed: 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)				Sourc	e: E010	132-01 Pre	pared: 11/0	02/20 Ana	lyzed: 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)				Sourc	e: E010	132-01 Pre	pared: 11/	02/20 Ana	lyzed: 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-F1D	7.11		8.00		88.9	70-130			



Coleman Oil & Gas P.O. Box 3337		Project Name: Project Number:	C	Newsome B #014 05206-0001					Reported:
Farmington NM, 87499		Project Manager:	: \	/anessa Fields					11/5/2020 2:53:50PM
	Nonh	alogenated Org	ganics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045027-BLK1)						Pre	pared: 11/0	04/20 Anal	yzed: 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)						Pre	pared: 11/0	04/20 Anal	yzed: 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)				Sourc	e: E010	132-04 Pre	pared: 11/0	04/20 Anal	yzed: 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)				Sourc	e: E010	132-04 Pre	pared: 11/0	04/20 Anal	yzed: 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			

Coleman Oil & Gas P.O. Box 3337		Project Name: Project Number:	0	Vewsome B #014 5206-0001					Reported:
Farmington NM, 87499		Project Manager:	1	/anessa 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	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045017-BLK1)						Pre	pared: 11/0	)3/20 Ana	lyzed: 11/03/20
Chloride	ND	20.0							
LCS (2045017-BS1)						Pre	pared: 11/0	03/20 Ana	lyzed: 11/03/20
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2045017-MS1)				Sourc	e: E010	132-01 Pre	pared: 11/0	03/20 Ana	lyzed: 11/03/20
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2045017-MSD1)				Sourc	e: E010	132-01 Pre	pared: 11/0	03/20 Ana	lyzed: 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

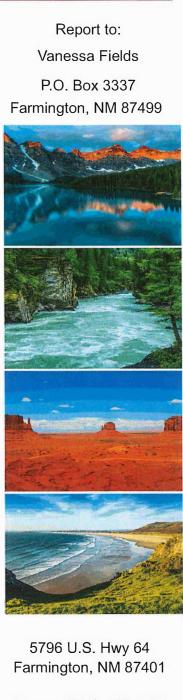
Chain of Custody

Page \_\_\_\_\_ of \_\_\_\_

Attention:     No. of sampled     Attention:     No. of containers     Attention:     No. of sampled     Attention:     No. of containers     Sample ID     No. of sampled     Sample ID     Sample ID	Client:	ando	and	1967	15		Bill To					ah U		alv		-		ТА	т		FDA D	ogram
Project Manager, Hanshell, Kaller, Jan Karlov, Kaller, Kall				# (1)	55		ttention: M.Vo Harr	2	Lab	WO	_				ber	110	T2D	Sec. 1	-	gard		_
address:       State Zin Chan Stock with the state Zin Chan State Zin C	Project N	Aanager:	AVO.SA		13				FC		512	2	05	200	000-000	1		1-1	-7		CUTA	
Citty, Stele, Zie, Die Angelein, Die Anderson, Sample ID       Phone:: Die Schull Company       International Instructions         Time Sample       Nation       Time Single       National Instructions:         Time Sample       National Instructions:       State       National Instructions:         Informational Instructions:       State       State       State         Information Instructions:       State       State	Address	THIR	nen.	1 Stor	set		ity, State, Zip			10	211_	<u>.</u>	No. of Concession, name			_			-	~		RCRA
Additional Instructions:       State       Image of the sample of the sample. Lan aware that tangening with br intentionally midplefing the sample br (Signature)       State of the sample of the sample. Lan aware that tangening with br intentionally midplefing the sample br (Signature)       State of the sample of the sample. Lan aware that tangening with br intentionally midplefing the sample br (Signature)         Additional Instructions:       Image of the sample of the sample. Lan aware that tangening with br intentionally midplefing the sample br (Signature)       Same of the sample of the sam	City, Stat	te, Zip Fal	I. M. D. M.	Ni re	n Erla	P	hone: 505-330-0903	2		T							1	TT				
Imail: Clic Scale Light Handres       Sample D       Imail: Clic Scale Light Handres       Sample D       Imail: Clic Scale Light Handres       Number Big	Phone:	, 505-	787.0	7100		E	mail: Mhansona Loca for	Maxan	15	15											State	
Image: Second	Email :	vinc 52	2120	sheng	for ton		5		× 8	V 80	12	9		0.0					Ņ	M CO	UT AZ	TX
Image: Second	Report o	ue by: DE	<u>•U09</u>	$\frac{1}{2}$		4-14			2 2	1 g	V 80	826	601	le 30					2			
Additional Instructions:       Image: Standard Control of the sample. Lam aware that tampering with or intentionally miclosoftime to example dor incertifying the sample for the sample of		Date Sampled	Matrix		Sample ID			a manufacture of a	DRO/O	GRO/D	BTEX b	VOC by	Metals	Chlorid					Í		Remarks	
2:D       NE Unit       3       3       3       3       4	17:20	10/20/20		1402	Sis	54	11 COARDS A	1	X	X	X			X								
Additional Instructions:       Image of the sample is an avere that tampering with of intentionally mislabeling the sample location       Samples requiring thermal preservation must be received on ite the day they are sampled or received and and may be grounds for legal action.         Additional Instructions:       Samples requiring thermal preservation must be received on ite the day they are sampled or received and the sample location.       Samples requiring thermal preservation must be received on ite the day they are sampled or received and and may be grounds for legal action.         Additional Instructions:       Samples requiring thermal preservation must be received on ite the day they are sampled or received and and may be grounds for legal action.       Sample day:         Additional instructions:       Samples requiring thermal preservation must be received on ite the day they are sampled or received action.       Samples requiring thermal preservation must be received on ite the day they are sampled or received action.         Additional instructions:       Samples requiring thermal preservation must be received on ite the day they are sampled or received action.         Additional instructions:       Imme       Pare of the	12:35	1			Base	)		a	X	X	X			X								
Additional Instructions:         (field sample), atest to the validity and authenticity of this sample. I am aware that tampering with of intentionally miliabeling the sample location         Additional Instructions:         (field sample), atest to the validity and authenticity of this sample. I am aware that tampering with of intentionally miliabeling the sample location         Samples requiring hermal priseration must be reteried on the day they are sampled or received as a mag tome above 0 but less than 6° con subsequent day.         Samples to the validity and authenticity of this sample. I am aware that tampering with of intentionally miliabeling the sample location         Samples to the validity and authenticity of this sample. I am aware that tampering with of intentionally miliabeling the sample location         Samples requiring hermal priseration must be reteried on the day they are sampled or received as a mag tome above 0 but less than 6° con subsequent day.         Samples requiring hermal priseration must be reteried on the day they are sampled or received as a mag tome above 0 but less than 6° con subsequent day.         Samples to the validity and authenticity of this sample. I am aware that tampering with of intentionally miliabeling the sample location         Samples to the validity and authenticity of the sample. I am aware that tampering with of intentionally miliabeling the sample location         Samples to the validity and authenticity of this sample. I am aware that tampering with of intentionally miliabeling the sample location         Internet       Received by: (Signature)       Date         Intere <td>12:0</td> <td></td> <td></td> <td><math>  \rangle</math></td> <td>NE</td> <td>Ua</td> <td>11</td> <td>3</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	12:0			$  \rangle$	NE	Ua	11	3	X	X	X			X								
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>T'</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	-								T'													
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Pont S</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								Pont S														
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td></td><td>-1</td><td></td><td></td><td></td><td></td><td></td><td>16.5</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td><math>\uparrow</math></td><td><math>\uparrow</math></td><td></td><td></td><td></td><td></td><td></td></td<>		-1						16.5			1					$\uparrow$	$\uparrow$					
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>+</td><td>+</td><td></td><td></td><td></td><td></td><td></td></td<>								1								+	+					
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td></td><td></td><td></td><td><u> </u></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td><math>\vdash</math></td><td></td><td>-</td><td></td><td></td><td></td></td<>				<u> </u>				-								-	$\vdash$		-			
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td>No.</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>-</td><td>+</td><td></td><td></td><td></td><td></td><td></td></td<>			_					No.					-			-	+					
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location       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.         Interviewed by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Iab Use Only         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       AVG Temp °C <td< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td><math>\vdash</math></td><td>-</td><td></td><td>_</td><td>+</td><td>+</td><td><math>\vdash</math></td><td></td><td></td><td></td><td></td></td<>				-					-			$\vdash$	-		_	+	+	$\vdash$				
Date       Time       Received by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Received by: (Signature)       Date       Time	Addition	al Instruction	ns:							2							1					
Image: Advised by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       Lab Use Only         Relinquished by: (Signature)       Date       Time       N       N       N         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time       AVG Temp °C       O         Mample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other       Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								ling the sample l	ocation	$\geq$	2	_										d or received
Received by: (Signature)       Date       Time       Received by: (Signature)       Date       Time         Relinquished by: (Signature)       Date       Time       T1       T2       T3         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time         Relinquished by: (Signature)       Date       Time       Received by: (Signature)       Date       Time         Relinquished by: (Signature)       Date       Time       AVG Temp °C U.O       AVG Temp °C U.O         Gample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other       Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA		-						Date		Time	1:0	2	Rece	eived	on ice.	6	<b>`</b>	se Onl	У	1	. ch	
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time AVG Temp °C AVG Temp °C Ontainer Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	Relinquish	ed by: (Signatur	e)	Date			Received by: (Signature)					<u> </u>		lived	office.	12	9		та			
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	Relinquish	ed by: (Signatur	e)	Date	Time		Received by: (Signature)	Date		Time				Tem	p°c U	.0	2		_ 13		1	
	Sample Mat	rix: S - Soil, Sd - So	olid, Sg - Sluc	lge, A - Aque	ous. O - Other			Containe	r Type	: g - e	lass.		_	_		er gla	iss, v -	VOA			435	
Accel samples are ascarded so days and resolts are reported unless other analgements are made in natardous samples will be returned to cheft of disposed of at the cheft expense. The report for the analgements are made in according to samples will be returned to cheft of disposed of at the cheft expense. The report for the analgements are made in according to samples will be returned to cheft of disposed of at the cheft expense.						less othe	er arrangements are made. Hazardous			_		_		_	_	_	_	_	ort for t	he analysi	s of the ab	ove

Page 13 of 14

@ envirotech



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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

## Coleman Oil & Gas

Project Name:	Hodges #015
Work Order:	E010132
Job Number:	05206-0001
Received:	10/29/2020

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/5/20

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Date Reported: 11/5/20

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



Project Name: Hodges #015 Workorder: E010132 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: Hodges #015.

The analytical test results summarized in this report with the Project Name: Hodges #015 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

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
South Base	5
North Base	6
Center Grab Sample	7
West Wall #001	8
West Wall #002	9
East Wall #002	10
East Wall #001	11
South Wall	12
North Wall	13
QC Summary Data	14
QC - Volatile Organics by EPA 8021B	14
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	16
QC - Anions by EPA 300.0/9056A	17
Definitions and Notes	18
Chain of Custody etc.	19

### Sample Summary

		Sample Sam	J		
Coleman Oil & Gas		Project Name:	Hodges #015		Reported:
P.O. Box 3337		Project Number:	05206-0001		Keportea:
Farmington NM, 87499		Project Manager:	Vanessa Fields		11/05/20 14:51
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
outh Base	E010132-01A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
Iorth Base	E010132-02A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
Center Grab Sample	E010132-03A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
Vest Wall #001	E010132-04A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
Vest Wall #002	E010132-05A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
ast Wall #002	E010132-06A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
ast Wall #001	E010132-07A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
outh Wall	E010132-08A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.
orth Wall	E010132-09A	Soil	10/29/20	10/29/20	Glass Jar, 4 oz.

Sample Data										
Coleman Oil & Gas	Project Name	: Hod	100 Carl 100							
P.O. Box 3337	Project Numb	oer: 0520	06-0001			Reported:				
Farmington NM, 87499	Project Manag	ger: Vane	essa Fields			11/5/2020 2:51:43PM				
		South Base								
		E010132-01								
		Reporting								
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: 1Y	Batch: 2045007					
Benzene	ND	0.0250	1	11/02/20	11/04/20					
Toluene	0.0274	0.0250	1	11/02/20	11/04/20					
Ethylbenzene	ND	0.0250	1	11/02/20	11/04/20					
p,m-Xylene	0.265	0.0500	1	11/02/20	11/04/20					
p-Xylene	0.0726	0.0250	1	11/02/20	11/04/20					
Total Xylenes	0.337	0.0250	1	11/02/20	11/04/20					
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/02/20	11/04/20					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2045007				
Gasoline Range Organics (C6-C10)	ND	20.0	1,	11/02/20	11/04/20					
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	11/02/20	11/04/20					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2045027				
Diesel Range Organics (C10-C28)	384	25.0	1	11/04/20	11/04/20					
Oil Range Organics (C28-C35)	143	50.0	1	11/04/20	11/04/20					
Surrogate: n-Nonane		101 %	50-200	11/04/20	11/04/20					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: NE		Batch: 2045017				
Chloride	ND	20.0	1	11/03/20	11/03/20					



		-				
Coleman Oil & Gas	Project Name:	Hod	ges #015			
P.O. Box 3337	Project Numbe	r: 0520	06-0001			Reported:
Farmington NM, 87499	Project Manage	er: Vane	essa Fields			11/5/2020 2:51:43PM
	٦	North Base				
		E010132-02				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	it: IY		Batch: 2045007
Benzene	ND	0.0250	1	11/02/20	11/04/20	
Toluene	0.0495	0.0250	1	11/02/20	11/04/20	
Ethylbenzene	ND	0.0250	1	11/02/20	11/04/20	
p,m-Xylene	0.359	0.0500	1	11/02/20	11/04/20	
o-Xylene	0.162	0.0250	Ū.	11/02/20	11/04/20	
Total Xylenes	0.521	0.0250	1	11/02/20	11/04/20	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/02/20	11/04/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2045007
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/04/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/02/20	11/04/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2045027
Diesel Range Organics (C10-C28)	1220	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	445	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		127 %	50-200	11/04/20	11/05/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: NE		Batch: 2045017
Chloride	ND	20.0	1	11/03/20	11/03/20	

		-									
Coleman Oil & Gas	Project Name:	Hod	ges #015								
P.O. Box 3337	Project Number	Project Number: 05206-0001				Reported:					
Farmington NM, 87499	Project Manage	er: Van	essa Fields			11/5/2020 2:51:43PM					
	Cente	er Grab San	ıple								
		E010132-03									
Reporting											
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes					
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2045007					
Benzene	ND	0.250	10	11/02/20	11/04/20						
Toluene	1.72	0.250	10	11/02/20	11/04/20						
Ethylbenzene	8.38	0.250	10	11/02/20	11/04/20						
o,m-Xylene	103	0.500	10	11/02/20	11/04/20						
p-Xylene	22.6	0.250	10	11/02/20	11/04/20						
Total Xylenes	126	0.250	10	11/02/20	11/04/20						
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	11/02/20	11/04/20						
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2045007					
Gasoline Range Organics (C6-Cl0)	1210	200	10	11/02/20	11/04/20						
Surrogate: I-Chloro-4-fluorobenzene-FID		91.2 %	70-130	11/02/20	11/04/20						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: JL		Batch: 2045027					
Diesel Range Organics (C10-C28)	4770	125	5	11/04/20	11/05/20						
Oil Range Organics (C28-C35)	888	250	5	11/04/20	11/05/20						
Surrogate: n-Nonane		498 %	50-200	11/04/20	11/05/20	S5					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: NE		Batch: 2045017					
Chloride	ND	20.0	I	11/03/20	11/03/20						

		-						
Coleman Oil & Gas	Project Name:	Hod	ges #015					
P.O. Box 3337	Project Numbe	er: 0520	06-0001		Reported:			
Farmington NM, 87499	Project Manager: Vanessa Fields					11/5/2020 2:51:43PI		
	W	est Wall #00	1					
	12	E010132-04						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2045007		
Benzene	ND	0.0250	1	11/02/20	11/04/20			
Toluene	ND	0.0250	1	11/02/20	11/04/20			
Ethylbenzene	0.111	0.0250	1	11/02/20	11/04/20			
o,m-Xylene	0.434	0.0500	1	11/02/20	11/04/20			
p-Xylene	0.0615	0.0250	1	11/02/20	11/04/20			
Total Xylenes	0.496	0.0250	1	11/02/20	11/04/20			
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	11/02/20	11/04/20			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: IY		Batch: 2045007		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/04/20			
Surrogate: I-Chloro-4-fluorobenzene-FID		85.6 %	70-130	11/02/20	11/04/20			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2045027		
Diesel Range Organics (C10-C28)	1970	50.0	2	11/04/20	11/05/20			
Oil Range Organics (C28-C35)	1050	100	2	11/04/20	11/05/20			
Surrogate: n-Nonane		117 %	50-200	11/04/20	11/05/20			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: NE		Batch: 2045017		
Chloride	71.5	20.0	1	11/03/20	11/03/20			

Coleman Oil & Gas	Project Name:	Hod	ges #015								
P.O. Box 3337	Project Number	r: 0520	6-0001			Reported:					
Farmington NM, 87499	gton NM, 87499 Project Manager: Vanessa Fields					11/5/2020 2:51:43PM					
	We	st Wall #00	2								
	I	E010132-05									
Reporting											
Analyte	Result	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	11/04/20						
Toluene	ND	0.0250	1	11/02/20	11/04/20						
Ethylbenzene	ND	0.0250	1	11/02/20	11/04/20						
o,m-Xylene	0.103	0.0500	1	11/02/20	11/04/20						
p-Xylene	ND	0.0250	L	11/02/20	11/04/20						
Total Xylenes	0.103	0.0250	1	11/02/20	11/04/20						
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/02/20	11/04/20						
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	11/04/20						
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.4 %	70-130	11/02/20	11/04/20						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: JL		Batch: 2045027					
Diesel Range Organics (C10-C28)	355	25.0	1	11/04/20	11/04/20						
Oil Range Organics (C28-C35)	118	50.0	Ĩ	11/04/20	11/04/20						
Surrogate: n-Nonane		98.5 %	50-200	11/04/20	11/04/20						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: NE		Batch: 2045017					
Chloride	ND	20.0	Ť	11/03/20	11/03/20						

Coleman Oil & Gas	Project Name:	Hod	ges #015								
P.O. Box 3337	Project Number	: 05206-0001				Reported:					
Farmington NM, 87499	NM, 87499 Project Manager: Vanessa Fields										
	Ea	st Wall #002	2								
		E010132-06									
Reporting											
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes					
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: I <b>Y</b>		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	0.0612	0.0500	1	11/02/20	11/03/20						
p-Xylene	ND	0.0250	1	11/02/20	11/03/20						
Total Xylenes	0.0612	0.0250	I	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		97.8 %	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)	408	25.0	1	11/04/20	11/04/20						
Oil Range Organics (C28-C35)	152	50.0	1	11/04/20	11/04/20						
Surrogate: n-Nonane		95.6 %	50-200	11/04/20	11/04/20						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: NE		Batch: 2045017					
Chloride	ND	20.0	Ļ	11/03/20	11/03/20						

Coleman Oil & Gas	Project Name: Hodges #015										
P.O. Box 3337	Project Numbe	er: 0520	6-0001	Reported:							
Farmington NM, 87499	Project Manag	er: Vane	ssa Fields			11/5/2020 2:51:43PM					
	Ea	ast Wall #001	l								
		E010132-07									
Reporting											
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes					
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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						
o,m-Xylene	ND	0.0500	1	11/02/20	11/03/20						
p-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		103 %	70-130	11/02/20	11/03/20						
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2045007					
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/20	11/03/20						
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	11/02/20	11/03/20						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2045027					
Diesel Range Organics (C10-C28)	483	25.0	1	11/04/20	11/04/20						
Oil Range Organics (C28-C35)	178	50.0	1	11/04/20	11/04/20						
Surrogate: n-Nonane		96.3 %	50-200	11/04/20	11/04/20						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: NE		Batch: 2045017					
Chloride	34.2	20.0	1	11/03/20	11/03/20						

		1									
Coleman Oil & Gas	Project Name:	Hod	ges #015								
P.O. Box 3337	Project Number: 05206-0001				Reported:						
Farmington NM, 87499	Project Manage	er: Vane	essa Fields			11/5/2020 2:51:43PM					
	S	outh Wall									
	I	E010132-08									
Reporting											
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes					
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 1Y		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	0.103	0.0500	1	11/02/20	11/03/20						
o-Xylene	0.0329	0.0250	1	11/02/20	11/03/20						
Total Xylenes	0.136	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	Analys	t: IY		Batch: 2045007					
Gasoline Range Organics (C6-C10)	ND	20.0	I	11/02/20	11/03/20						
Surrogate: 1-Chloro-4-fluorobenzene-F1D		98.4 %	70-130	11/02/20	11/03/20						
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	it: JL		Batch: 2045027					
Diesel Range Organics (C10-C28)	280	25.0	1	11/04/20	11/05/20						
Oil Range Organics (C28-C35)	79.8	50.0	Ļ	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	Analys	it: NE		Batch: 2045017					
Chloride	ND	20.0	Ī	11/03/20	11/03/20						

Coleman Oil & Gas	Project Name:	Hod	ges #015			
P.O. Box 3337	Project Number: 05206-0001					Reported:
Farmington NM, 87499	Project Manage	er: Vane	essa Fields			11/5/2020 2:51:43PM
	N	North Wall				
	I	E010132-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2045007
Benzene	ND	0.0250	I	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	t	11/02/20	11/03/20	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		96.9 %	70-130	11/02/20	11/03/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2045027
Diesel Range Organics (C10-C28)	398	25.0	1	11/04/20	11/05/20	
Oil Range Organics (C28-C35)	146	50.0	1	11/04/20	11/05/20	
Surrogate: n-Nonane		100 %	50-200	11/04/20	11/05/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: NE		Batch: 2045017
Chloride	38.5	20.0	1	11/03/20	11/03/20	

Ŷ.

Coleman Oil & Gas P.O. Box 3337		Project Name: Project Number:	0	lodges #015 5206-0001					Reported:
Farmington NM, 87499		Project Manager:	\ \	/anessa Fields					11/5/2020 2:51:43PM
		Volatile On	rganics	by EPA 802	1B				Analyst: IY
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045007-BLK1)						Pre	pared: 11/0	)2/20 Ana	yzed: 11/04/20
Benzene	ND	0.0250							
Foluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
o,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			
LCS (2045007-BS1)						Pre	pared: 11/0	02/20 Ana	lyzed: 11/04/20
Benzene	5.00	0.0250	5.00		99.9	70-130			
Foluene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
o,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
p-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)				Sour	rce: E010	132-01 Pre	pared: 11/0	02/20 Ana	lyzed: 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			
o,m-Xylene	12.2	0.0500	10.0	0.265	119	63-131			
o-Xylenc	6.04	0.0250	5.00	0.0726	119	63-131			
Total Xylenes Surrogate: 4-Bromochlorobenzene-PID	18.2 8.43	0.0250	15.0 8.00	0.337	119	63-131 70-130			
	8.43		0.00						
Matrix Spike Dup (2045007-MSD1)					rce: E010		-		lyzed: 11/04/20
Benzene	5.32	0.0250	5.00	ND	106	54-133	10.6	20	
Tolucne	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	
o,m-Xylene	10.8	0.0500	10.0	0.265	105	63-131	12.5	20	
-Xylene	5.36	0.0250	5.00	0.0726	106	63-131	12.1	20	
Fotal Xylenes	16.1	0.0250	15.0	0.337	105	63-131	12.3	20	

envirotech Inc.

P.O. Box 3337 Farmington NM, 87499		Project Name: Project Number: Project Manager:		206-0001 nessa Fields					Reported:
	Nor	nhalogenated C		by EPA 801	5D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2045007-BLK1)						Pre	pared: 11/0	02/20 Ana	lyzed: 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)						Pre	pared: 11/0	02/20 Ana	lyzed: 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)				Sour	ce: E010	132-01 Pre	pared: 11/0	02/20 Ana	lyzed: 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)				Sour	ce: E010	132-01 Pre	pared: 11/0	02/20 Ana	lyzed: 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			



				•					
Coleman Oil & Gas		Project Name:	Но	odges #015					Reported:
P.O. Box 3337		Project Number:	05	206-0001					
Farmington NM, 87499		Project Manager	:: Va	nessa Fields				1	1/5/2020 2:51:43PM
	Nonh	alogenated Org	ganics by	EPA 8015E	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045027-BLK1)						Pre	pared: 11/0	04/20 Analy	vzed: 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)						Pre	pared: 11/0	04/20 Analy	/zed: 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)				Sou	rce: E010	132-04 Pre	pared: 11/0	04/20 Analy	/zed: 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)				Sou	rce: E010	132-04 Pre	pared: 11/0	04/20 Analy	/zed: 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			

Coleman Oil & Gas P.O. Box 3337		Project Name: Project Number:	05	odges #015 206-0001					Reported:
Farmington NM, 87499		Project Manager:	Va	nessa Fields					11/5/2020 2:51:43PM
		Anions l	oy EPA 3	00.0/9056A	<b>x</b>				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2045017-BLK1)						Pre	pared: 11/0	)3/20 Ana	lyzed: 11/03/20
Chloride	ND	20.0							
LCS (2045017-BS1)						Pre	pared: 11/0	03/20 Ana	lyzed: 11/03/20
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2045017-MS1)				Sou	rce: E010	132-01 Pre	pared: 11/0	03/20 Ana	lyzed: 11/03/20
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2045017-MSD1)				Sou	rce: E010	132-01 Pre	pared: 11/0	03/20 Ana	lyzed: 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:	Hodges #015	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Vanessa Fields	11/05/20 14:51

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

- 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

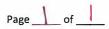
Note (1): Methods marked with \*\* are non-accredited methods.

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



Project Information

Chain of Custody



client soman U.	12125	Bill To		0.00	C. W			se On	ly			TA	٢,	EPA P	rogram
Project: Hodosthy	5	Attention: Mile Hansi	22	Lab		-	13		Number		1D 20	) 3D	Slandard	CWA	SDWA
Address: 7541 - W	enst	Address:		<u>E</u> C	NOI	30			200.00				·X	_	
Lity, State, Zip Scorpus		City, State, Zip Phone: 555 530 - 271	53-	-	r	<u> </u>	r -	Analy	sis and Me	thod	-		-	_	RCRA
hone: 505-787-9	100	Email: MDianson custa		15	5									State	L
mail: Une ser Dis	alshang not			V 80	y 80:	12	0		0.0				NM CO	UT AZ	TX
eport due by: Sprid	end	6		SRO P	RO b	N 80	/ 826	601	Je 30				X		
Time 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	
55 1char/20	1402 Sculi	Base		V	X	X			$\mathbf{X}$						
	1 Dorith	Base	2	$\int$	X	X			X						
00	Center	Grab Strale	3	X	X	X			X						
148	Westi	LAN # MAC	P	X	X	X			X						
5.56	120st	Wall #002	5	X	X	X			хL						
46	East	500 # 115C	Q	X	X	X			X						
5.25	East	100H 12001	7	X	X	X			X						
30	Sout	n Wall	8	X.	X	X			x						
15	Nod 1	In Woll	9	У	Х	X		-	X						
			1.25												
dditional Instructions:	*****					/									
(field sampler), attest to the validity an ate or time of collection is considered f		ware that tampering with or intentionally mislabell tion. Sampled by	ing the sample to	cation	•								ed on ice the day th on subsequent day		d or received
elinquished by: (Signature)	Date Time	Received by: (Signature)	Date	20	Time	[:L	18	Recei	ived on ic	e:	Lab l	Jse Only N			
elinquished by: (Signature)								T1		_ <u>T</u>	2	13-	<u>T3</u>		
elinquished by: (Signature)	Date Time	Received by: (Signature)	Date		Time			AVG	Temp °C_	4.	0				
ample Matrix: S - Soil, Sd - Solid, Sg - Sh	dge. A - Aqueous, O - Other		Container	Type	: g - g	lass.		_			glass, v	- VOA			

envirotech

#### **Envirotech Analytical Laboratory**

Printed: 10/29/2020 3:52:09PM

B

Date

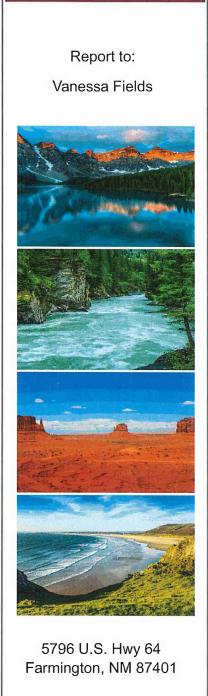
envirotech Inc.

Sample Receipt Checklist (SRC)

lient:	Coleman Oil & Gas Da	te Received:	10/29/20 14:4	48		Work Order ID:	E010132
hone:	505-327-0356 Da	te Logged In:	10/29/20 15:4	47		Logged In By:	Alexa Michaels
mail:		e Date:	11/05/20 17:	00 (5 day TAT)			
Chain of	f Custody (COC)						
. Does t	the sample ID match the COC?		Yes				
. Does t	the number of samples per sampling site location match	the COC	Yes				
. Were s	samples dropped off by client or carrier?		Yes	Carrier:	Vanessa Fields		
. Was th	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes				
. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes			Commen	ts/Resolution
ample	Turn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?		Yes				
	Cooler						
. Was a	sample cooler received?		Yes				
. If yes,	, was cooler received in good condition?		Yes				
. Was th	he sample(s) received intact, i.e., not broken?		Yes				
0. Were	e custody/security seals present?		No				
1. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling visible ice, record the temperature. Actual sample ter	ceived w/i 15	No <u>°C</u>				
ample	Container						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?	11 10	Yes				
	e appropriate volume/weight or number of sample containers	collected?	Yes				
Vield La	anel_ e field sample labels filled out with the minimum inform	ation					
	Sample ID?	anon.	Yes				
	Date/Time Collected?		Yes				
0	Collectors name?		No				
	Preservation						
	s the COC or field labels indicate the samples were press	erved?	No				
	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	ls?	NA No				
Jultinh	ase Sample Matrix						
	s the sample have more than one phase, i.e., multiphase?		No				
	s, does the COC specify which phase(s) is to be analyze		NA				
-	tract Laboratory						
	samples required to get sent to a subcontract laboratory?		No				



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



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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

## Coleman Oil & Gas

Project Name: Hodges #015

Work Order:

E012003

Job Number: 05206-0001

Received: 12/2/2020

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/3/20

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Date Reported: 12/3/20

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



Project Name: Hodges #015 Workorder: E012003 Date Received: 12/2/2020 10:43:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/2/2020 10:43:00AM, under the Project Name: Hodges #015.

The analytical test results summarized in this report with the Project Name: Hodges #015 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 Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
West Wall #001	5
North Base	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

#### Sample Summary

Coleman Oil & Gas P.O. Box 3337 Farmington NM, 87499		Project Name: Project Number: Project Manager:	Hodges #015 05206-0001 Vanessa Fields		<b>Reported:</b> 12/03/20 12:40
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
West Wall #001	E012003-01A	Soil	12/02/20	12/02/20	Glass Jar, 4 oz.

	29	imple Da	ata			
Coleman Oil & Gas	Project Name:	Hod	ges #015			
P.O. Box 3337	Project Numbe	er: 0520	06-0001			Reported:
Farmington NM, 87499	Project Manage	er: Vane	essa Fields			12/3/2020 12:40:24PM
	We	est Wall #00	1			
		E012003-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2049020
Benzene	ND	0.0250	1	12/02/20	12/02/20	
Toluene	0.0769	0.0250	1	12/02/20	12/02/20	
Ethylbenzene	0.101	0.0250	1	12/02/20	12/02/20	
p,m-Xylene	1.29	0.0500	1	12/02/20	12/02/20	
o-Xylene	0.285	0.0250	1	12/02/20	12/02/20	
Total Xylenes	1.58	0.0250	1	12/02/20	12/02/20	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	12/02/20	12/02/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2049020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/20	12/02/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	12/02/20	12/02/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2049022
Diesel Range Organics (C10-C28)	131	25.0	1	12/02/20	12/02/20	
Oil Range Organics (C28-C35)	65.9	50.0	1	12/02/20	12/02/20	
Surrogate: n-Nonane		107 %	50-200	12/02/20	12/02/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2049021
Chloride	ND	20.0	1	12/02/20	12/02/20	

#### Sample Data



## Sample Data

		-				
Coleman Oil & Gas	Project Name:	Hod	ges #015			
P.O. Box 3337	Project Number	r: 0520	06-0001			Reported:
Farmington NM, 87499	Project Manage	er: Vane	essa Fields			12/3/2020 12:40:24PM
	Ν	North Base				
		E012003-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2049020
Benzene	ND	0.0250	1	12/02/20	12/02/20	
Toluene	0.0403	0.0250	1	12/02/20	12/02/20	
Ethylbenzene	0.0319	0.0250	I	12/02/20	12/02/20	
p,m-Xylene	0.453	0.0500	1	12/02/20	12/02/20	
o-Xylene	0.104	0.0250	1	12/02/20	12/02/20	
Total Xylenes	0.557	0.0250	1	12/02/20	12/02/20	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	12/02/20	12/02/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2049020
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/20	12/02/20	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		85.5 %	70-130	12/02/20	12/02/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	it: JL		Batch: 2049022
Diesel Range Organics (C10-C28)	42.6	25.0	1	12/02/20	12/02/20	
Oil Range Organics (C28-C35)	ND	50.0	1	12/02/20	12/02/20	
Surrogate: n-Nonane		95.8 %	50-200	12/02/20	12/02/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: IY		Batch: 2049021
Chloride	ND	20.0	1	12/02/20	12/02/20	



		QC DI		iry Data					
Coleman Oil & Gas		Project Name:		odges #015					Reported:
P.O. Box 3337		Project Number:	03	5206-0001					
Farmington NM, 87499		Project Manager:	V	anessa Fields				12/	3/2020 12:40:24PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	ıng/kg	mg/kg	%	%	%	%	Notes
Blank (2049020-BLK1)						Pre	pared: 12/0	)2/20 Analyz	ed: 12/02/20
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
o,m-Xylene	ND	0.0500							
p-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			
LCS (2049020-BS1)						Pre	pared: 12/0	02/20 Analyz	ed: 12/02/20
Benzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.34	0.0250	5.00		107	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
p-Xylene	5.42	0.0250	5.00		108	70-130			
Total Xylenes	16.3	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			
Matrix Spike (2049020-MS1)				Sour	rce: E012	003-01 Pre	pared: 12/0	02/20 Analyz	ed: 12/02/20
Benzene	5.03	0.0250	5.00	ND	101	54-133			
Toluene	5.35	0.0250	5.00	0.0769	105	61-130			
Ethylbenzene	5.45	0.0250	5.00	0.101	107	61-133			
p,m-Xylene	12.1	0.0500	10.0	1.29	108	63-131			
o-Xylene	5.66	0.0250	5.00	0.285	107	63-131			
Total Xylenes	17.8	0.0250	15.0	1.58	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.71		8.00		109	70-130			
Matrix Spike Dup (2049020-MSD1)				Sour	rce: E012	003-01 Pre	epared: 12/0	02/20 Analyz	ed: 12/02/20
Benzene	5.09	0.0250	5.00	ND	102	54-133	1.21	20	
Toluene	5.36	0.0250	5.00	0.0769	106	61-130	0.220	20	
Ethylbenzene	5.48	0.0250	5.00	0.101	107	61-133	0.416	20	
p,m-Xylene	11.9	0.0500	10.0	1.29	106	63-131	1.67	20	
o-Xylene	5.64	0.0250	5.00	0.285	107	63-131	0.317	20	
Total Xylenes	17.6	0.0250	15.0	1.58	107	63-131	1.24	20	
Total Aylenes						00 101			



	-		U					
	Project Name:		-					Reported:
	Project Number:	05	206-0001					
	Project Manager:	Va	anessa Fields					12/3/2020 12:40:24PM
No	nhalogenated O	rganics	by EPA 801	5D - GI	RO			Analyst: RKS
	Reporting	Spike	Source		Rec		RPD	
Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
<u>a</u>					Pre	pared: 12/0	02/20 Anal	yzed: 12/02/20
ND	20.0							
6.93		8.00		86.6	70-130			
					Pre	pared: 12/0	02/20 Anal	yzed: 12/02/20
49.4	20.0	50.0		98.8	70-130			
6.95		8.00		86.8	70-130			
			Sour	ce: E012	003-01 Pre	pared: 12/0	02/20 Anal	yzed: 12/02/20
69.1	20.0	50.0	ND	138	70-130			M6
6.95		8.00		86.9	70-130			
			Sour	ce: E012	003-01 Pre	pared: 12/0	02/20 Ana	lyzed: 12/02/20
64.4	20.0	50.0	ND	129	70-130	7.16	20	
	Result mg/kg ND 6.93 49.4 6.95 69.1	Project Number: Project Manager: Nonhalogenated O Result Limit mg/kg mg/kg ND 20.0 6.93 49.4 20.0 6.95 69.1 20.0 6.95	Project Number:     05       Project Manager:     Value       Nonhalogenated Organics       Result     Reporting Limit     Spike Level mg/kg       ND     20.0       6.93     8.00       49.4     20.0       6.95     8.00       69.1     20.0       6.95     8.00	Project Number: Project Manager:     05206-0001 Vanessa Fields       Nonhalogenated Organics by EPA 801       Result mg/kg     Spike Limit     Source Result       ND     20.0       6.93     8.00       49.4     20.0       6.95     8.00       Source       Source       69.1     20.0       6.95     8.00	Project Number:       05206-0001         Project Manager:       Vanessa Fields         Nonhalogenated Organics by EPA 8015D - G         Result       Reporting       Spike       Source         Result       Limit       Level       Result       Rec         mg/kg       mg/kg       mg/kg       g/kg       %         ND       20.0       8.00       86.6         49.4       20.0       50.0       98.8         6.95       8.00       86.8         Source: E012         69.1       20.0       50.0       ND       138         6.95       8.00       86.9       86.9         Source: E012	Project Number:       05206-0001         Project Manager:       Vanessa Fields         Nonhalogenated Organics by EPA 8015D - GRO       Rec         Result       Reporting       Spike       Source       Rec         Result       Reporting       Level       Result       Rec       Limits         MD       20.0       8.00       86.6       70-130         6.93       8.00       98.8       70-130         49.4       20.0       50.0       98.8       70-130         6.95       8.00       86.8       70-130         6.95       8.00       86.8       70-130         6.95       8.00       86.8       70-130         6.95       8.00       86.8       70-130         6.95       8.00       86.8       70-130         6.95       8.00       86.8       70-130         6.91       20.0       50.0       ND       138       70-130         69.1       20.0       50.0       ND       138       70-130         6.93       8.00       86.9       70-130       70-130         6.93       8.00       86.9       70-130         69.1       20.0       <	Project Number: Project Manager:05206-0001 Vanessa FieldsNonhalogenated Organics by EPA 8015D - GROResult mg/kgReporting Limit mg/kgSpike Level mg/kgSource mg/kgRec %Rec %ND 6.9320.08.0086.670-130MD 6.9520.098.870-13049.4 6.9520.098.870-1306.91 6.9320.08.0086.870-1306.9350.098.870-1306.9420.050.098.870-1306.958.0086.870-13012/469.1 6.9520.0ND13870-1306.958.0086.970-13012/469.1 6.9520.0ND13870-1306.958.0086.970-13012/469.1 6.9520.0ND13870-1306.958.0080.086.970-1306.958.0080.086.970-130	Project Number: Project Manager:05206-0001 Vanessa FieldsVanessa FieldsNonhalogenated Organics by EPA 8015D - GROResult mg/kgReporting Limit mg/kgSource mg/kgRec Mg/kgRPD KgRPD Limit Mg/kgND 6.9320.08.0086.670-130ND 6.9320.0Source Mg/kgPrepared: 12/02/20AnalND 6.9320.08.0086.670-130ND 6.9320.050.098.870-130Cource:E012003-01Prepared: 12/02/20Anal49.4 6.9520.050.098.870-130Source: E012003-01Prepared: 12/02/20Anal 6.938.0086.970-130Source: E012003-01Prepared: 12/02/20Anal 6.938.0086.970-130Source: E012003-01Prepared: 12/02/20Anal 6.938.0086.970-130Source: E012003-01Prepared: 12/02/20Anal 6.938.0086.970-130Source: E012003-01Prepared: 12/02/20Anal 6.938.0086.970-130Source: E012003-01Prepared: 12/02/20Source: E012003-01



		-		U					
Coleman Oil & Gas		Project Name:		odges #015					Reported:
P.O. Box 3337		Project Number:		5206-0001					
Farmington NM, 87499		Project Manager:	Va	anessa Fields				1	12/3/2020 12:40:24PM
	Nonh	alogenated Org	anics by	EPA 8015D	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2049022-BLK1)						Pre	pared: 12/0	02/20 Anal	yzed: 12/02/20
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	50-200			
LCS (2049022-BS1)						Pre	pared: 12/0	02/20 Anal	yzed: 12/02/20
Diesel Range Organics (C10-C28)	468	25.0	500		93.6	38-132			
Surrogate: n-Nonane	52.6		50.0		105	50-200			
Matrix Spike (2049022-MS1)				Sou	rce: E012	003-01 Pre	pared: 12/	02/20 Anal	lyzed: 12/02/20
Diesel Range Organics (C10-C28)	630	25.0	500	131	99.8	38-132			
Surrogate: n-Nonane	57.7		50.0		115	50-200			
Matrix Spike Dup (2049022-MSD1)				Sou	rce: E012	003-01 Pre	pared: 12/	02/20 Anal	lyzed: 12/02/20
Diesel Range Organics (C10-C28)	594	25.0	500	131	92.7	38-132	5.85	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			

				v					
Coleman Oil & Gas		Project Name:	Но	odges #015					Reported:
P.O. Box 3337		Project Number:	05	206-0001					
Farmington NM, 87499		Project Manager:	Va	nessa Fields					12/3/2020 12:40:24PM
		Anions	by EPA 3	00.0/9056A	A Contraction of the second se				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit -	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2049021-BLK1)						Pre	epared: 12/	02/20 Ana	lyzed: 12/02/20
Chloride	ND	20.0							
LCS (2049021-BS1)						Pre	epared: 12/	02/20 Ana	lyzed: 12/02/20
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2049021-MS1)				Sou	rce: E012	003-01 Pre	epared: 12/	02/20 Ana	lyzed: 12/02/20
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2049021-MSD1)				Sou	rce: E012	003-01 Pre	epared: 12/	02/20 Ana	lyzed: 12/02/20
Chloride	258	20.0	250	ND	103	80-120	0.00776	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**

Γ	Coleman Oil & Gas	Project Name:	Hodges #015	
	P.O. Box 3337	Project Number:	05206-0001	Reported:
	Farmington NM, 87499	Project Manager:	Vanessa Fields	12/03/20 12:40

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- Note (1): Methods marked with \*\* are non-accredited methods.

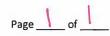
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

4

Chain of Custody



lient: DONON CF	and		Bill To	۱,		1774			se On		E(Real)		TAT		EPA Pi	rogram
roject: Hockes Hok	200			2(505)	Lab	WO#	~		Job	Numbe		1D 2D	3D	Standard	CWA	SDW
roject Manager: 17310-552 ddress:	+ieras	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	dress:	NAN SHO	<b>F</b>	112				201d	Method	_		1.1.1.1		RCR
ity, State, Zip Facains In	NON POR		one: 605-23(1-25)		۲		-	T				1	TT			- NCR
hone: 505 782-091	00		nail: MLansona)cog-	FMALCON	510	015									State	
	Ishengino	TC	Share Maria	>	by 8	by 8	021	60	9	0.00				NM CO	UT AZ	TX
Time	lo.g. Samala I	- Cle	CIVE Deal	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Sampled Date Sampled Matrix	Sample I	D		Number	DRO	GRO	BTE)	202	Met	명	_				Remarks	
20 REIZUSS U	or li	Jest C	100416	1	X	V	X			X						
25 2421202 514	toz N	Orth C	base	2	×	X	χ			X						
				10.00												
				15			_									
														_		
	_									_						
														_		
dditional Instructions:				7	5	_				_						_
(field sampler), attest to the validity and auth ate or time of collection is considered fraud ar			at tampering with or intentionally mislabel Sampled by:	ling the sample lo	cation,		_							ed on ice the day th on subsequent day		d or recei
elinquished by: (Signature)	12/2/2000	Time 10:42	Received by: (Signature)	Non Contraction of the local division of the	3	Time	:4	3	Recei	ived or	ice:	Lab U	se Only			
elinquished by: (Signature)	Date	Time	Received by: (Signature)	Date		Time			<u>T1</u>	and and a		T2		<u>T3</u>		
elinquished by: (Signature)	Date	Time	Received by: (Signature)	Date		Time			AVG	Temp	c 4		Aler Str			
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A				Container												
ote: Samples are discarded 30 days after amples is applicable only to those sample											e client e	expense.	The repor	t for the analy	sis of the ab	ove
			.,								_					

#### **Envirotech Analytical Laboratory**

Printed: 12/2/2020 11:06:47AM

3

Date

envirotech Inc.

Sample Receipt Checklist (SRC)

Client:	Coleman Oil & Gas D	Date Received:	12/02/20 10:	43	Work Order ID:	E012003
Phone:	505-327-0356 E	Date Logged In:	12/02/20 10:	55	Logged In By:	Alexa Michaels
Email:		Due Date:	12/02/20 17:	00 (0 day TAT)		
Chain of	f Custody (COC)					
1. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Vanessa Field	ls	
4. Was th	ne COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes		-	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Commen	ts/Resolution
Sample '	Turn Around Time (TA <u>T)</u>					
	e 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 th	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r		Yes			
12 Ifma	minutes of sampling		C			
	visible ice, record the temperature. Actual sample te	emperature: $4^{\circ}$				
-	<u>Container</u>					
	aqueous VOC samples present?		No NA			
	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers?	to collected?	Yes			
Field La		is conceled?	103			
	e field sample labels filled out with the minimum inform	nation.				
	Sample ID?	nution.	Yes			
	Date/Time Collected?		Yes			
(	Collectors name?		No			
	Preservation					
	s the COC or field labels indicate the samples were pre-	served?	No			
	sample(s) correctly preserved?		NA			
	b filteration required and/or requested for dissolved me	tals?	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multiphase		No			
27. If ye	s, does the COC specify which phase(s) is to be analyz	ed?	NA			
Subcont	tract Laboratory					
28. Are	samples required to get sent to a subcontract laboratory	?	No			
00 117-	a subcontract laboratory specified by the client and if s	1.0	NA S	ubcontract Lab: NA		

