Submit 1 Ccpy To Appropriate District Office <u>District 1</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-103 Revised July 18, 2013 WELL API NO. 30-045-33771 5. Indicate Type of Lease STATE FEE 6. State Oil & Gas Lease No. NMNM 104609 (Federal)
(DO NOT USE THIS FORM FOR PROPOSA	ES AND REPORTS ON WELLS ALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A TION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name Juniper West SWD
	as Well 🗌 Other SWD; Mesa Verde	8. Well Number #1
2. Name of Operator Coleman Oil & Gas, Inc		9. OGRID Number 4838
3. Address of Operator P.O. Drawer 3337, Farmington N	M 87401	10. Pool name or Wildcat SWD: Mesa Verde
4. Well Location		
Unit Letter N: 700 feet fro	om the South line and 1715 feet from the West line	
Section 24 Township	24N Range 11W NMPM County San Juan	
	11. Elevation (Show whether DR, RKB, RT, GR, etc., 6436' GL	
12. Check Ar	propriate Box to Indicate Nature of Notice,	Report or Other Data
NOTICE OF INT		SEQUENT REPORT OF

NOTICE OF	INT	ENTION TO:	_	SUBSEQUENT RE	PORT OF:	
PERFORM REMEDIAL WORK		PLUG AND ABANDON		REMEDIAL WORK	ALTERING CASING	
TEMPORARILY ABANDON		CHANGE PLANS		COMMENCE DRILLING OPNS.	P AND A	
PULL OR ALTER CASING [MULTIPLE COMPL		CASING/CEMENT JOB		
DOWNHOLE COMMINGLE						
CLOSED-LOOP SYSTEM [
OTHER:			\boxtimes	OTHER:		
13. Describe proposed or con	mple	ted operations. (Clearly	state all r	ertinent details, and give pertinent dat	es, including estimated dat	e

 Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Coleman Oil & Gas respectfully request permission to accept Mancos Produced Water into the Juniper West SWD #1 Disposal. Water will be primarily transferred through produced water gathering system operated by Coleman Oil & Gas, Inc. If produced water gathering system is down for repairs, water will be trucked. See the attached water analysis taken from three Mancos producers. Mancos produced water will be blended with Basin Fruitland Coal water.

Coleman Oil & Gas is a joint working interest owner in the Pinon Unit, Horizontal Mancos producers.

Juniper West SWD #1 Administrative Order SWD-1055

OIL CONS. DIV DIST. 3

AUG 3 0 2017

Spud Date: January 11, 2017

Rotary Rig Release Date: January 17, 2017

SEE October 24,20	17 MCMORANdom in Surdfile
I hereby certify that the information above is the	rue and complete to the best of my knowledge and belief.
SIGNATURE Michael Man	TITLE: Operations Engineer DATE: August 29, 2017
Type or print name: Michael T. Hanson	E-mail address: <u>mhanson@cog-fmn.com</u> PHONE: (505) 327-0356
For State Use Only	E man address. <u>minanson@cog-min.com</u> THORE. (505) 527-0550
APPROVED BY: Charles Kern	TITE PERVISOR DISTRICT #3 DATE 10.25.10
Conditions of Approval (if any):	



Analytical Report

Report Summary

Client: Coleman Oil & Gas Chain Of Custody Number: Samples Received: 11/16/2015 7:05:00AM Job Number: 05206-0001 Work Order: P511031 Project Name/Location: Pinon 02H

Date: 11/25/15

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

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

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Coleman Oil & Gas	Project Name:	Pinon 02H		
P.O. Box 3337	Project Number:	05206-0001	Reported:	
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:04	

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pinon 2H	P511031-01A	Aqueous	11/13/15	11/16/15	Poly 500mL

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Coleman Oil & Gas P.O. Box 3337 Farmington NM, 87499	Project 1	Project Name: Project Number: Project Manager:			Pinon 02H 05206-0001 Mike Hanson				Reported: 25-Nov-15 12:04	
			inon 2H 31-01 (Wa	ter)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Cation/Anion Analysis										
Cation/Anion Analysis pH @20.4°C	7.08		pH Units	1	1547032	11/20/15 14:31	11/20/15 14:35	150.1/4500H		
Electrical Conductivity	43000		umhos/cm	1	1547032	11/20/15 14:31	11/20/15 14:35	EPA 120.1		
Total Dissolved Solids	28800	10.0	mg/L	1	1547020	11/19/15	11/19/15	160.1/2540C		
Sodium Absorption Ratio	164		N/A	1	1548015	11/25/15	11/25/15	[CALC]		
Total Alkalinity as CaCO3	950	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203		
Total Hardness as CaCO3	765	18.6	mg/L		[CALC]	11/20/15	11/24/15	[CALC]		
Bicarbonate as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203		
Carbonate as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203		
Hydroxide as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203		
Nitrate-N	5.32	0.25	mg/L	1	1547013	11/18/15 09:00	11/18/15 14:35	EPA 300.0	1	
Nitrite-N	3.04	0.25	mg/L	1	1547013	11/18/15 09:00	11/18/15 14:35	EPA 300.0	1	
Chloride	15400	2.00	mg/L	1	1547013	11/18/15	11/19/15	EPA 300.0		
Fluoride	ND	0.25	mg/L	1	1547013	11/18/15	11/18/15	EPA 300.0		
o-Phosphate-P	6.77	0.25	mg/L	1	1547013	11/18/15 09:00		EPA 300.0	1	
Sulfate	ND	2.00	mg/L	1	1547013	11/18/15	11/18/15	EPA 300.0		
Iron	23.1	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C		
Calcium	226	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C		
Magnesium	48.5	1.80	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C		
Potassium	88.6	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C		
Sodium	10400	18.0	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C		

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Coleman Oil & Gas	Project Name:	Pinon 02H	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:04

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

										_
Analyte	Result	Reporting Limit	Units	Spike	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Linit	Onits	Level	Result	TORLEC	Lillits	КD	Linit	Notes
Batch 1547013 - Anion Extraction EPA 300.0										
Blank (1547013-BLK1)				Prepared &	Analyzed:	18-Nov-15				
Nitrate-N	ND	0.25	mg/L							
Nitrite-N	ND	0.25								
Chloride	ND	2.00								
Fluoride	ND	0.25								
p-Phosphate-P	ND	0.25								
Sulfate	ND	2.00	"							
LCS (1547013-BS1)				Prepared &	Analyzed:	18-Nov-15				
Nitrate-N	4.76	0.25	mg/L	5.00		95.2	90-110			
Nitrite-N	5.13	0.25	**	5.00		103	90-110			
Chloride	48.6	2.00	"	50.0		97.1	90-110			
Fluoride	5.13	0.25		5.00		103	90-110			
o-Phosphate-P	25.6	0.25		25.0		102	90-110			
Sulfate	47.2	2.00	"	50.0		94.5	90-110			
Matrix Spike (1547013-MS1)	Sou	irce: P511036-	01	Prepared &	& Analyzed:	18-Nov-15				
Nitrate-N	48.2	2.50	mg/L	50.0	ND	96.4	80-120			
Nitrite-N	51.4	2.50	**	50.0	ND	103	80-120			
Chloride	571	20.0	**	500	77.7	98.6	80-120			
Fluoride	56.0	2.50	*	50.0	3.90	104	80-120			
o-Phosphate-P	257	2.50		250	ND	103	80-120			
Sulfate	475	20.0	"	500	ND	95.0	80-120			
Matrix Spike Dup (1547013-MSD1)	Sou	irce: P511036-	01	Prepared &	& Analyzed:	18-Nov-15	5			
Nitrate-N	48.1	2.50	mg/L	50.0	ND	96.3	80-120	0.104	20	
Nitrite-N	51.5	2.50		50.0	ND	103	80-120	0.136	20	
Chloride	570	20.0	"	500	77.7	98.6	80-120	0.0473	20	
Fluoride	56.0	2.50		50.0	3.90	104	80-120	0.0715	20	
o-Phosphate-P	257	2.50		250	NID	103	80 100	0.0778	20	
0-1 hosphate-1	257	2.50		250	ND	103	80-120	0.0778	20	

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Coleman Oil & Gas	Project Name:	Pinon 02H	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:04

Notes and Definitions

- H2 Sample was analyzed after regulatory hold-time exceeded for target analyte.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Page 5 of 6

Client: ColeMAN D.L +6A	s, Ink	-	RUSH?	affocuration for a la	b Use Only			_	Anal	ysis a	nd M	ethod		lab	Only
Project: PINON 0.2H			1d	2010/03/02/02/02/02	ab WO#							15			NXA
Sampler: Mike HAMSON			3d	P511	031							3	9		(s)
Phone: 505-330-2903					b Number		013			2	1			ab Number	IISIN
Email(s): Mhanson @ cog-fm	NICOM	_		05:	206-001	01	8 A		-	Se la	6	1		NUL	UL/E
Project Manager: Mike HANSo			Page	e of	1		2	8	418	le b)	61	20		Lab	C t
Sample ID	Sample Date	Sample Time	Matrix		ntainers YPE/Preservat	ive	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	a.	CLL V			Correct Cont/Prsrv (s) Y/N
finon 2H	1/13/2015	3:30	HZD		No					-)/			1	Y
	. /	PM													
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							+	+	+	+	+	+	+		
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											Τ				
							+	+	+	+	+	+	\square		
						-	+	+	+	+	+	+	+		
								1	1	1	+	+			
Relinguished by: (Signature)		by: (Signa U Za)		Date 11-14-15	Time 7:15	**R	eceiv	ed o	on Ice			Only			
Relinquithedby: (Signature) Date Time		by: (Signa		Date	Time	T1 C	3.8			T2				T3	-
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other					Container T	And in case of the local division of the loc	Contraction of the local division of the loc	Statement of the local division in which the local division in which the local division is not the local division in the local divis	Contraction of the local division of the loc	and a local division of the local division o	ic, ag	- amb	er glas	s, v - VO	A CONTRACTOR
**Samples requiring thermal preservation must be received on ice the day	they are sampled or	received p	acked in ice	And a fight of the second s		and the second	the second s	Contraction of the	No. of Concession, Name	Statement and statements					
Sample(s) dropped off after hours to a secure drop off area.		Chain of	f Custody	Notes/Billin	ng info:										
Benvirotech	Part is not an	the second s	ington, NM 87401	A REAL PROPERTY AND ADDRESS OF TAXABLE PARTY.	the second s	(05) 632-06 1								(WINK)	link som
Analytical Laboratory	Unree Spain	ngs - 65 Mercado	Street, Suite 115	Burango. CC 81301	Ph (S	70) 159-061	5 Fr (80	0) 362-1	1879					Page 6	of 6



Analytical Report

Report Summary

Client: Coleman Oil & Gas Chain Of Custody Number: Samples Received: 11/16/2015 7:05:00AM Job Number: 05206-0001 Work Order: P511032 Project Name/Location: Pinon 01H

Date: 11/25/15

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

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

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			Page 1 of 6



Coleman Oil & Gas	Project Name:	Pinon 01H	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:05

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pinon 01H	P511032-01A	Aqueous	11/13/15	11/16/15	Poly 500mL

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Coleman Oil & Gas P.O. Box 3337 Farmington NM, 87499	Project 1	Project Name: Project Number: Project Manager:			Pinon 01H 05206-0001 Mike Hanson				
			non 01H 32-01 (Wat	ter)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cation/Anion Analysis									
рН @20.1°C	7.39		pH Units	1	1547032	11/20/15 14:31	11/20/15 14:35	150.1/4500H	
Electrical Conductivity	42800		umhos/cm	1	1547032	11/20/15 14:31	11/20/15 14:35	EPA 120.1	
Total Dissolved Solids	29100	10.0	mg/L	1	1547020	11/19/15	11/19/15	160.1/2540C	
Sodium Absorption Ratio	178		N/A	1	1548015	11/25/15	11/25/15	[CALC]	
Total Alkalinity as CaCO3	519	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203	
Total Hardness as CaCO3	657	18.6	mg/L		[CALC]	11/20/15	11/24/15	[CALC]	
Bicarbonate as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203	
Carbonate as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203	
Hydroxide as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/20/15	Hach Method 8203	
Nitrate-N	4.40	0.25	mg/L	1	1547013	11/18/15 09:00	11/18/15 16:02	EPA 300.0	Н
Nitrite-N	50.5	0.25	mg/L	1	1547013	11/18/15 09:00	11/19/15 18:25	EPA 300.0	H
Chloride	16300	2.00	mg/L	1	1547013	11/18/15	11/19/15	EPA 300.0	
Fluoride	1.75	0.25	mg/L	1	1547013	11/18/15	11/18/15	EPA 300.0	
o-Phosphate-P	105	0.25	mg/L	1	1547013	11/18/15 09:00	11/19/15 18:25	EPA 300.0	H
Sulfate	ND	2.00	mg/L	1	1547013	11/18/15	11/18/15	EPA 300.0	
Iron	ND	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Calcium	187	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Magnesium	46.4	1.80	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Potassium	86.4	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Sodium	10500	18.0	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	

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Coleman Oil & Gas	Project Name:	Pinon 01H	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:05

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1547013 - Anion Extraction EPA 300.0										
Blank (1547013-BLK1)				Prepared &	Analyzed:	18-Nov-15				
Nitrate-N	ND	0.25	mg/L							
Nitrite-N	ND	0.25								
Chloride	ND	2.00								
Fluoride	ND	0.25								
o-Phosphate-P	ND	0.25								
Sulfate	ND	2.00								
LCS (1547013-BS1)				Prepared &	Analyzed:	18-Nov-15				
Nitrate-N	4.76	0.25	mg/L	5.00		95.2	90-110			
Nitrite-N	5.13	0.25	**	5.00		103	90-110			
Chloride	48.6	2.00	**	50.0		97.1	90-110			
Fluoride	5.13	0.25	**	5.00		103	90-110			
o-Phosphate-P	25.6	0.25		25.0		102	90-110			
Sulfate	47.2	2.00		50.0		94.5	90-110			
Matrix Spike (1547013-MS1)	Sou	rce: P511036-	01	Prepared 8	& Analyzed:	18-Nov-15				
Nitrate-N	48.2	2.50	mg/L	50.0	ND	96.4	80-120			
Nitrite-N	51.4	2.50		50.0	ND	103	80-120			
Chloride	571	20.0	"	500	77.7	98.6	80-120			
Fluoride	56.0	2.50		50.0	3.90	104	80-120			
o-Phosphate-P	257	2.50		250	ND	103	80-120			
Sulfate	475	20.0	н	500	ND	95.0	80-120			
Matrix Spike Dup (1547013-MSD1)	So	irce: P511036-	01	Prepared &	& Analyzed	18-Nov-15	5			
Nitrate-N	48.1	2.50	mg/L	50.0	ND	96.3	80-120	0.104	20	
Nitrite-N	51.5	2.50		50.0	ND	103	80-120	0.136	20	
Chloride	570	20.0		500	77.7	98.6	80-120	0.0473	20	
Fluoride	56.0	2.50		50.0	3.90	104	80-120	0.0715	20	
o-Phosphate-P	257	2.50		250	ND	103	80-120	0.0778	20	
Sulfate	475	20.0		500	ND	95.0	80-120	0.0211	20	

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Coleman Oil & Gas	Project Name:	Pinon 01H		
P.O. Box 3337	Project Number:	05206-0001	Reported:	
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:05	

Notes and Definitions

- H2 Sample was analyzed after regulatory hold-time exceeded for target analyte.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Page 5 of 6

Client: Coleman 01 46K	5 JA	٢	RUSH?	1141 HOLD BURE 1 4080	b Use Only				Ana	lysis	and	Meth	od	lab	Only
Project: FINON, OIH			1d		ab WO#						12	_			N
Sampler: Mille HANSON			3d	P511	032						Huro	3			(s)
Phone: 505- 230-2903				öL	b Number		5			9		UShlach		Lab Number	LISI2
Email(s): Mhansoh C Cog-fm	1). ()	~		052	.06-000	11	y 80	1	-	õ	5	2		Nun	Style
Project Manager: Mile HAnson	preor.		Page	e j of	1		8	V 80	418	e by	LOLL	5		Lab	t Co
Sample ID	Sample Date	Sample Time	Matrix		ntainers YPE/Preservat	tive	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	-14	WTA			Correct Cont/Prsnv (s) Y/N
PINON OIH	11/3/15	3:30	H20	N	0						1				Y
	- /	PM												20.02	
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Relipcies (Signature) 11/13/2015 S. 30 P.M	A Land	by: (Signa		Date 11-16-15	7:05	**R	eceh	ved	on lc			se On	ily		
Relinquistical by: (Signature) Date Time		d by: (Signa		Date	Time	T1	5.6			T2_		-		Т3	
Sample Matrix: S - Soil, Sd - Solid, Sg - Słudge, A - Aqueous, O - Other					Container T	and the second second	-	And in case of the local diversion of		-	stic, a	ng - ar	mber gla	ass, v - VO	A
**Samples requiring thermal preservation must be received on ice the day to	hey are sampled o					han 6 °C	on sub	sequ	ent day	ys.					
Sample(s) dropped off after hours to a secure drop off area.		Chain o	f Custody	Notes/Billin	ng info:										
Benvirotech	5796 05	Highway 64, Farm	vington, NM 87401	L	Phi	505) 632-06	is fr¢	505163	2-1865		_			ENV futes	-inc.com
Analytical Laboratory	Three Spi	ings - 65 Mercada	Street. Suite 115	Durango (C 8130)	Phi	970) 239-06	S fr¢	100) <u>36</u> 2	2-1875				1	Page	6 of 6



Analytical Report

Report Summary

Client: Coleman Oil & Gas Chain Of Custody Number: Samples Received: 11/16/2015 7:05:00AM Job Number: 05206-0001 Work Order: P511033 Project Name/Location: Good Times 24-10

Date: 11/25/15

Entire Report Reviewed By:

Tim Cain, Laboratory Manager

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

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			Page 1 of



Coleman Oil & Gas	Project Name:	Good Times 24-10	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:07

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Good Times 24-10	P511033-01A	Aqueous	11/13/15	11/16/15	Poly 500mL

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Coleman Oil & Gas P.O. Box 3337 Farmington NM, 87499	Project 1 Project 1 Project 1		05206	Times 24-1 -0001 Hanson	0			Reported: 25-Nov-15 12	:07
			Times 24 33-01 (Wa						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cathen Marian Analysis									
Cation/Anion Analysis pH @20.6°C	5.59		pH Units	1	1547032	11/20/15 14:31	11/20/15 14:35	150.1/4500H	
Electrical Conductivity	28900		umhos/cm	1	1547032	11/20/15 14:31	11/20/15 14:35	EPA 120.1	
Total Dissolved Solids	24700	10.0	mg/L	1	1547020	11/19/15	11/19/15	160.1/2540C	
Sodium Absorption Ratio	140		N/A	1	1548015	11/25/15	11/25/15	[CALC]	
Total Alkalinity as CaCO3	1080	10.0	mg/L	1	1547021	11/19/15	11/19/15	Hach Method 8203	
Total Hardness as CaCO3	574	18.6	mg/L		[CALC]	11/20/15	11/24/15	[CALC]	
Bicarbonate as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/19/15	Hach Method 8203	
Carbonate as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/19/15	Hach Method 8203	
Hydroxide as CaCO3	ND	10.0	mg/L	1	1547021	11/19/15	11/19/15	Hach Method 8203	
Nitrate-N	4.43	0.25	mg/L	1	1547013	11/18/15 09:00	11/18/15 18:35	EPA 300.0	Н
Nitrite-N	54.1	0.25	mg/L	1	1547013	11/18/15 09:00	11/19/15 19:09	EPA 300.0	Н
Chloride	12200	2.00	mg/L	1	1547013	11/18/15	11/19/15	EPA 300.0	
Fluoride	ND	0.25	mg/L	1	1547013	11/18/15	11/19/15	EPA 300.0	
o-Phosphate-P	105	0.25	mg/L	1	1547013	11/18/15 09:00	11/19/15 19:09	EPA 300.0	Н
Sulfate	18.1	2.00	mg/L	1	1547013	11/18/15	11/18/15	EPA 300.0	
Iron	178	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Calcium	174	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Magnesium	33.9	1.80	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Potassium	203	4.50	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	
Sodium	7720	18.0	mg/L	9	1547033	11/20/15	11/24/15	EPA 6010C	

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Coleman Oil & Gas	Project Name:	Good Times 24-10	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:07

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1547013 - Anion Extraction EPA 300.0										
Blank (1547013-BLK1)				Prepared &	Analyzed:	18-Nov-15				
Nitrate-N	ND	0.25	mg/L							
Nitrite-N	ND	0.25	н							
Chloride	ND	2.00	н							
Fluoride	ND	0.25	"							
p-Phosphate-P	ND	0.25								
Sulfate	ND	2.00								
LCS (1547013-BS1)				Prepared &	a Analyzed:	18-Nov-15				
Nitrate-N	4.76	0.25	mg/L	5.00		95.2	90-110			
Nitrite-N	5.13	0.25	**	5.00		103	90-110			
Chloride	48.6	2.00		50.0		97.1	90-110			
Fluoride	5.13	0.25		5.00		103	90-110			
p-Phosphate-P	25.6	0.25		25.0		102	90-110			
Sulfate	47.2	2.00		50.0		94.5	90-110			
Matrix Spike (1547013-MS1)	Sou	rce: P511036-	01	Prepared &	& Analyzed:	18-Nov-15				
Nitrate-N	48.2	2.50	mg/L	50.0	ND	96.4	80-120			
Nitrite-N	51.4	2.50		50.0	ND	103	80-120			
Chloride	571	20.0	н	500	77.7	98.6	80-120			
Fluoride	56.0	2.50	**	50.0	3.90	104	80-120			
o-Phosphate-P	257	2.50	*	250	ND	103	80-120			
Sulfate	475	20.0	n	500	ND	95.0	80-120			
Matrix Spike Dup (1547013-MSD1)	Sou	irce: P511036-	01	Prepared &	& Analyzed:	18-Nov-15	5			
Nitrate-N	48.1	2.50	mg/L	50.0	ND	96.3	80-120	0.104	20	
Nitrite-N	51.5	2.50	"	50.0	ND	103	80-120	0.136	20	
Chloride	570	20.0		500	77.7	98.6	80-120	0.0473	20	
Fluoride	56.0	2.50	"	50.0	3.90	104	80-120	0.0715	20	
o-Phosphate-P	257	2.50		250	ND	103	80-120	0.0778	20	
Sulfate	475	20.0	**	500	ND	95.0	80-120	0.0211	20	

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Coleman Oil & Gas	Project Name:	Good Times 24-10	
P.O. Box 3337	Project Number:	05206-0001	Reported:
Farmington NM, 87499	Project Manager:	Mike Hanson	25-Nov-15 12:07

Notes and Definitions

- H2 Sample was analyzed after regulatory hold-time exceeded for target analyte.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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Page 5 of 6

Client: Coleman Oil +6+ Project: 6000 Times 24-10	s, INC	-	RUSH?	and side standards	Use Only	Analysis and Method							lab Only	
Project: 6000 TIMES 24-10			1d	 ************************************	ab WO#					8	(NA	
Sampler: Mille HANSON			3d	PEII	033					HNON	An Hysis		(s)	
Phone: 505- 330- 2903				lot	Number	51			2	1	T		Lab Number t. Cont/Prsiv	
Email(s): Mhanson Ccog-fm	N, Com			052	06-0001	y 8	51	-	30	3	2		RUI NUI	
Project Manager: Mile HANSON			Page	of	1	R0	y 80	418	e by	ATTON	3		t Co	
Sample ID	Sample Date	Sample Time	Matrix		tainers 'PE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0	GA.	lut	-	Lab. Number Correct CoftVPrsrv (s) V/N	
Good TIMES 24-10	11/18/15	3:009	Hzo	Non	e					V			1 Y	
				,										
													Contraction of the second seco	
						\square		Π				+		
						ŕ		Π				+		
						\vdash		Η				+		
Berinquished by: (Signature) Date Time	Received	Received by: (Signature)			Date Time 11-16-15 7:05 **				Lab Use Only Received on Ice Y / N					
Relinquished by: (Signature) Date Time	Received	by: Signat	(ure)	Date	2002.2	4.0 G Te	1000000	C I	00078	2000			ТЗ	
Sample Matrix: \$ - Soli, \$d - Solid, \$g - Sludge, A - Aqueous, O - Other				the state of the local division of the state	Container Type: g	The local division in		-	-	tic, a	g - ar	nber g	ass, v - VOA	
**Samples requiring thermal preservation must be received on ice the day						on su	bsequ	ent da	ys.					
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billin	g into:									
	SZOG US Hay Three Spain		ngaoa, 61/1 87401	A Course of the local division of the second	Ph (505) 632-0		(505) 63	2-1865					ENV TOLECT INC COM	