



A L Elliott D #002 SVE Monitoring Results Simcoe LLC

Date	SVE Point	Exhaust OVM (ppm)	Exhaust Vacuum (in)	System Operational at Arrival	Water Drained	Water Drained (gal)	Comments
9/15/2021	All	1,570	6	YES	NO	-	Dry drum; first OVM reading following start-up
9/16/2021	All	1,652	7	YES	NO	-	Water in drum below drain port
9/17/2021	All	1,588	6	YES	NO	-	Water in drum below drain port
9/22/2021	All	1,388	7	YES	NO	-	Water in drum below drain port
9/29/2021	All	-	-	NO	NO	-	System not operating
9/30/2021	All	1,475	7	YES	NO	-	Water in drum below drain port
10/4/2021	All	1,737	7	YES	YES	1.00	
10/11/2021	All	1,191	7	YES	YES	1.00	
11/6/2021	All	887	8	YES	YES	19.74	
12/13/2021	All	1,119	8	NO	YES	27.14	Drained drum, restarted system, collected readings

Notes:

Released to Imaging: 11/13/2023 4:56:19 PM

SVE - soil vapor extraction

OVM - organic vapor meter

ppm - parts per million

in - inches

cfm - cubic feet per minute

gal - gallons



September 27, 2021

Julie Best SIMCOE 1100 Main St. Durango, CO 81301 TEL: (505) 330-9179 FAX

RE: AL Elliott D 002

OrderNo.: 2109665

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Julie Best:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/14/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

EPA METHOD 8021B: VOLATILES

Methyl tert-butyl ether (MTBE)

Surr: 4-Bromofluorobenzene

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109665

Date Reported: 9/27/2021

Analyst: NSB

9/14/2021 11:41:10 AM

CLIENT	SIMCOE		Clie	ent Sa	mple ID	:SVE	
Project:	AL Elliott D 002		Co	ollecti	on Date	:9/13/2	021 10:00:00 AM
Lab ID:	2109665-001	Matrix: AIR	F	Receiv	ed Date	9/14/2	021 7:10:00 AM
Analyses		Result	RL	Qual	Units	DF	Date Analyzed
EPA ME	THOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline	e Range Organics (GRO)	91000	500	Е	µg/L	100	9/14/2021 11:41:10 AM
Surr:	BFB	494	37.3-213	S	%Rec	100	9/14/2021 11:41:10 AM

Е

25

10

10

10

20

70-130

µg/L

µg/L

µg/L

µg/L

µg/L

%Rec

100

100

100

100

100

100

ND

130

1500

160

1500

101

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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ANALYTICAL SUMMARY REPORT

September 22, 2021

Hall Environmental 4901 Hawkins St NE Ste D Albuquerque, NM 87109-4372

Work Order: G21090259

Project Name: Not Indicated

Energy Laboratories Inc. Gillette WY received the following 1 sample for Hall Environmental on 9/16/2021 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
G21090259-001	2109665-001A; SVE	09/13/21 10:00	0 09/16/21	Gas	Natural Gas Analysis - BTU Natural Gas Analysis - Compressibility Factor Natural Gas Analysis - GPM Natural Gas Analysis - Molecular Weight Natural Gas Analysis - Routine Natural Gas Analysis - Pressure Base Natural Gas Analysis - Psuedo- Critical Pressure Natural Gas Analysis - Psuedo- Critical Temperature Natural Gas Analysis - Specific Gravity Natural Gas Analysis - Temperature Base

The analyses presented in this report were performed by Energy Laboratories, Inc., 400 W. Boxelder Rd., Gillette, WY 82718, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these tests results, please contact your Project Manager.

Report Approved By:



Page-6 of 13 Billings, MT 800.735.4489 • Casper, WY 888.235.0515 Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

	r repared by Gille	lie, wir Dialich		
Client:	Hall Environmental			
Project:	Not Indicated		Report Da	te: 09/22/21
Client Sample ID:	2109665-001A; SVE		Collection Da	te: 09/13/21 10:00
Location:			Date Receive	ed: 09/16/21
Lab ID:	G21090259-001		Sampled I	By: Not Provided
Analyses		Result Units	Qualifier Method	Analysis Date / By
NATURAL GAS CH	IROMATOGRAPHIC ANALYSIS REPORT			
Oxygen		20.688 Mol %	GPA 2261	09/21/21 09:45 / djb
Nitrogen		77.692 Mol %		09/21/21 09:45 / djb
Carbon Dioxide		1.348 Mol %	GPA 2261	, 09/21/21 09:45 / djb
Hydrogen Sulfide		< 0.001 Mol %		, 09/21/21 09:45 / djb
Methane		< 0.001 Mol %		, 09/21/21 09:45 / djb
Ethane		< 0.001 Mol %		, 09/21/21 09:45 / djb
Propane		< 0.001 Mol %	GPA 2261	, 09/21/21 09:45 / djb
Isobutane		< 0.001 Mol %	GPA 2261	, 09/21/21 09:45 / djb
n-Butane		< 0.001 Mol %	GPA 2261	09/21/21 09:45 / djb
Isopentane		< 0.001 Mol %	GPA 2261	09/21/21 09:45 / djb
n-Pentane		0.002 Mol %	GPA 2261	09/21/21 09:45 / djb
Hexanes plus		0.270 Mol %	GPA 2261	09/21/21 09:45 / djb
GPM @ STD CON	D/1000 CU.FT., MOISTURE FREE GAS			
GPM Ethane		< 0.0003 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM Propane		< 0.0003 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM Isobutane		< 0.0003 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM n-Butane		< 0.0003 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM Isopentane		< 0.0004 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM n-Pentane		0.0010 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM Hexanes plus		0.1170 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM Pentanes plus		0.1180 gal/MCF	GPA 2261	09/21/21 09:45 / djb
GPM Total		0.1180 gal/MCF	GPA 2261	09/21/21 09:45 / djb
CALCULATED PRO	OPERTIES			
Calculation Pressure I	Base	14.730 psia	GPA 2261	09/21/21 09:45 / djb
Calculation Temperate	ure Base	60 °F	GPA 2261	09/21/21 09:45 / djb
Compressibility Factor	r, Z	1.0000 unitless	GPA 2261	09/21/21 09:45 / djb
Molecular Weight		29.23 unitless	GPA 2261	09/21/21 09:45 / djb
Pseudo-critical Pressu	ure, psia	551 psia	GPA 2261	09/21/21 09:45 / djb
Pseudo-critical Tempe	erature, deg R	245 deg R	GPA 2261	09/21/21 09:45 / djb
Specific Gravity (air=1	.000)	1.012 unitless	GPA 2261	09/21/21 09:45 / djb
Gross BTU per cu ft @	ᢧ std cond, dry	13.94 BTU/cu ft	GPA 2261	09/21/21 09:45 / djb
Gross BTU per cu ft @	Ձ std cond, wet	13.70 BTU/cu ft	GPA 2261	09/21/21 09:45 / djb

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QA/QC Summary Report

Prepared by Gillette, WY Branch

Client:	Hall Environmental			Work Order:	G2109	0259	Repo	rt Date:	09/22/21	
Analyte		Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261							Ar	alytical Run	R266899
Lab ID:	ICV-2109210917	Initial Calibrat	ion Verifica	tion Standard					09/21	1/21 09:17
Oxygen		0.389	Mol %	0.001	97	75	110			
Nitrogen		5.113	Mol %	0.001	102	90	110			
Carbon Dic	oxide	4.918	Mol %	0.001	99	90	110			
Hydrogen \$	Sulfide	0.132	Mol %	0.001	133	100	136			
Methane		73.158	Mol %	0.001	100	90	110			
Ethane		5.016	Mol %	0.001	101	90	110			
Propane		5.015	Mol %	0.001	101	90	110			
sobutane		1.992	Mol %	0.001	99	90	110			
n-Butane		1.972	Mol %	0.001	98	90	110			
lsopentane	e	0.988	Mol %	0.001	99	90	110			
n-Pentane		0.999	Mol %	0.001	100	90	110			
Hexanes p	lus	0.308	Mol %	0.001	102	90	110			
ab ID:	CCV-2109210931	Continuing Ca	alibration Ve	erification Standa	rd				09/21	1/21 09:32
Oxygen		0.620	Mol %	0.001	103	90	110			
Vitrogen		1.318	Mol %	0.001	94	85	110			
Carbon Dic	oxide	0.955	Mol %	0.001	96	90	110			
lydrogen \$	Sulfide	0.025	Mol %	0.001	100	70	130			
/lethane		93.510	Mol %	0.001	100	90	110			
Ethane		1.015	Mol %	0.001	101	90	110			
Propane		1.009	Mol %	0.001	101	90	110			
sobutane		0.497	Mol %	0.001	99	90	110			
n-Butane		0.496	Mol %	0.001	99	90	110			
sopentane	e	0.200	Mol %	0.001	100	90	110			
n-Pentane		0.200	Mol %	0.001	100	90	110			
Hexanes p	lus	0.155	Mol %	0.001	103	90	110			
.ab ID:	CCV-2109211012	Continuing Ca	alibration Ve	erification Standa	rd				09/21	1/21 10:1:
Dxygen		0.604	Mol %	0.001	101	90	110			
Nitrogen		1.265	Mol %	0.001	90	85	110			
Carbon Dic	oxide	0.957	Mol %	0.001	96	90	110			
Hydrogen \$	Sulfide	0.025	Mol %	0.001	100	70	130			
Nethane		93.581	Mol %	0.001	100	90	110			
Ethane		1.015	Mol %	0.001	101	90	110			
Propane		1.010	Mol %	0.001	101	90	110			
sobutane		0.495	Mol %	0.001	99	90	110			
n-Butane		0.495	Mol %	0.001	99	90	110			
sopentane	e	0.199	Mol %	0.001	99	90	110			
n-Pentane		0.200	Mol %	0.001	100	90	110			
Hexanes p	lus	0.154	Mol %	0.001	103	90	110			
Method:	GPA 2261								Batch	R266899
Lab ID:	G21090259-001ADUP	Sample Dupli	cate			Run: Varia	n GC_210921A		09/21	1/21 09:50
Oxygen		20.682	Mol %	0.001				0.0	10	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



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QA/QC Summary Report

Prepared by Gillette, WY Branch

Client:	Hall Environmental	Work Order: G21090259	Report Date: 09/22/21
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Analyte		Result	Units	RL	%REC Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261							Batch:	R266899
Lab ID:	G21090259-001ADUP	Sample Dupli	cate		Run: Varia	n GC_210921A		09/21	/21 09:50
Nitrogen		77.685	Mol %	0.001			0.0	10	
Carbon Dio	oxide	1.352	Mol %	0.001			0.3	10	
Hydrogen S	Sulfide	< 0.001	Mol %	0.001				10	
Methane		< 0.001	Mol %	0.001				10	
Ethane		< 0.001	Mol %	0.001				10	
Propane		< 0.001	Mol %	0.001				10	
Isobutane		< 0.001	Mol %	0.001				10	
n-Butane		< 0.001	Mol %	0.001				10	
Isopentane	9	< 0.001	Mol %	0.001				10	
n-Pentane		0.002	Mol %	0.001			0.0	10	
Hexanes pl	lus	0.279	Mol %	0.001			3.3	10	

ENERGY LABORATORIES

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Work Order Receipt Checklist

Hall Environmental

Login completed by:	Chantel S. Johnson		Date	Received: 9/16/2021
Reviewed by:	Misty Stephens		Re	ceived by: csj
Reviewed Date:	9/16/2021		Car	rier name: FedEx
Shipping container/cooler in	good condition?	Yes 🔽	No 🗔	Not Present
	good condition:			
Custody seals intact on all s	hipping container(s)/cooler(s)?	Yes 🗹	No 🗌	Not Present
Custody seals intact on all s	ample bottles?	Yes 🗌	No 🗌	Not Present 🗹
Chain of custody present?		Yes 🗹	No 🗌	
Chain of custody signed wh	en relinquished and received?	Yes 🗹	No 🗌	
Chain of custody agrees wit	h sample labels?	Yes 🗹	No 🗌	
Samples in proper container	r/bottle?	Yes 🗹	No 🗌	
Sample containers intact?		Yes 🗹	No 🗌	
Sufficient sample volume for	r indicated test?	Yes 🗹	No 🗌	
All samples received within (Exclude analyses that are of such as pH, DO, Res CI, Su	considered field parameters	Yes 🗹	No 🗌	
Temp Blank received in all s	hipping container(s)/cooler(s)?	Yes 🗌	No 🗌	Not Applicable
Container/Temp Blank temp	erature:	°C		
Containers requiring zero he bubble that is <6mm (1/4").	eadspace have no headspace or	Yes	No 🗌	No VOA vials submitted
Water - pH acceptable upon	receipt?	Yes 🗌	No 🗌	Not Applicable

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

Contact and Corrective Action Comments:

None

LABORATORY	ANALYSIS	ENVIRONMENTAL	HALL

Website: clients.hallenvironmental.com

9/13/2021 10:00:00 AM 1 Natural Gases CO2, O2	9/13/2021 10:00:00 AM	Air	TEDLAR	Ш	2109665-001A SVE	н
ANALYTICAL COMMENTS	X DATE DATE SANNATION #	MATRIX	BOTTLE	CLIENT SAMPLE ID	SAMPLE	ITEM
				WY 82718	CITY, STATE, ZIP: Gillette, WY 82718	CITY, ST
EMAIL	ACCOUNT #:			400 W Boxelder Rd	^S 400 W B	ADDRESS.
(866) 686-7175 FAX	PHONE:	ies	Energy Laboratories	Labs-Gillette COMPANY:	SUB CONTRATOR: Energy Labs-Gillette	SUB CO
						1

Relinquished By: 54	Date: 9/14/2021	Time: 10:09 AM	Received By:	Date: Time:	REPORT TRANSMITTAL DESIRED:
Relinquished By:	Date		Received By:	Date: Tune:	HARDCOPY (extra cost) CI FAX C EMAIL COLLINE
Relinquished By:	Date	Time:	Annel long	mallular.	FOR LAB USE ONLY
TAT: Stand	Standard 🖭	RUSH	Next BD 2nd BD		

Rece

HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-3	ntal Analysis Laboi 4901 Hawki Albuquerque, NM o 975 FAX: 505-345 s.hallenvironmento	ns NE 87109 San -4107	Page 11 nple Log-In Check List				
Client Name: SIMCOE	Work Order Num	ber: 2109665		RcptNo: 1				
Received By: Cheyenne Cason	9/14/2021 7:10:00	АМ	Chul S-L,					
Completed By: Sean Livingston	9/14/2021 10:02:03	3 AM	\leq /					
Reviewed By: SPA 9.14.21				90,				
Chain of Custody								
. Is Chain of Custody complete?		Yes 🖌	No 🗌	Not Present				
P. How was the sample delivered?		Courier						
Log In								
3. Was an attempt made to cool the samples?		Yes 🔄	No	NA 🔽				
1. Were all samples received at a temperature o	f ≥0° C to 6.0°C	Yes	No 🗌	NA 🔽				
. Sample(s) in proper container(s)?		Yes 🖌	No 🗌					
Sufficient sample volume for indicated test(s)?		Yes 🔽	No 🗌					
Are samples (except VOA and ONG) properly	preserved?	Yes 🗹	No 🗌					
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗌				
. Received at least 1 vial with headspace <1/4"	for AQ VOA?	Yes	No 🗌	NA 🔽				
). Were any sample containers received broken	?	Yes 🗌	No 🔽	# of preserved				
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH: (<2 or >1)	2 unless noted)			
Are matrices correctly identified on Chain of C	ustody?	Yes 🗹	No 🗌	Adjusted?				
Is it clear what analyses were requested?		Yes 🗹	No 🗌		alula			
. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🖌	No 🗌	Checked by: J	-9/114/21			
pecial Handling (if applicable)			<					
5. Was client notified of all discrepancies with th	is order?	Yes	No 🗌	NA 🗸				
Person Notified:	Date:		AN ANY DESCRIPTION OF CONTINUE OF					
By Whom:	Via:	eMail F	Phone 🗌 Fax	In Person				
Regarding:		ana ao amin' am		and an				
Client Instructions:								
. Additional remarks:								
7. <u>Cooler Information</u> Cooler No Temp °C Condition Sea 1 NA Good	l Intact Seal No	Seal Date	Signed By					

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Red	eived	l by (CD.	: 1/2	1/20	22.9	9:29	:45	AM.				*****		 	 	1	 	 -	 	 	Page 12	of 13
	AMAIVETE ADODATODY		4901 Hawkins NF - Alburning MM 97100	10	nalvsis	*((DS '' SI sis MBC		изеи 0 ^{5,} 3520 1) 085	O // O // S/8(0 // S/	4 2 03 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	5D((atioid 831 831 (AG (AG (AG (AG (AG (AG (AG (AG (AG (AG	PH:801 PH by PH by PH by PH by PH by CRA 8 PH by CRA 8 PH by CRA 8 PH by CRA 8 PH by CRA 8 PH by PH by	Т Х С С С С С С С С С С С С С С С С С С							Remarks:		If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
							120	8) 8	IAM.		3E		i i i								14	ime 0710	ice of this poss
	ų									ON []		A	HEAL No.	アフラン							7//3/21 /5 ²	Date Time 9/14/40	es. This serves as not
d Time:	d 🗆 Rush	0000	Z00# 0			ager:	5		le Siesser	P Yes		D(including CF): /V	Preservative								Nia:	Via: C CUM	ccredited laboratori
Turn-Around T	Standard	Project Name:		Project #:	1	Project Manager:	Julie Best		Sampler:Kyle	On Ice:	# of Coolers:	Cooler Temp(including CF);	Container Tyne and #	tedlar bag - 1							Received by:	Received by:	ontracted to other a
Chain-of-Custody Record	Simcoe LLC/Cottonwood Consulting		1199 Main St., Suite 101	Durango, CO 81301	-394-0131	email or Fax#:julie.best@ikavenergy.com		Level 4 (Full Validation)	Az Compliance	Other			Matrix Sample Name								Relinquished by:	Relinquished by: Muztue Wolfow	nples submitted to Hall Environmental may be subco
Chain-o	Client: Simcoe		Mailing Address:	Du	らてら #: つしら	email or Fax#:julie	QA/QC Package:	E Standard	:uo		EDD (Type)		Date	1000							121 1544	0/13/21 1855	If necessary, sam

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 74037

CONDITIONS								
Operator:	OGRID:							
SIMCOE LLC	329736							
1199 Main Ave., Suite 101	Action Number:							
Durango, CO 81301	74037							
	Action Type:							
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)							

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the OVM Reading Results for A L Elliott D #02. Conditions Satisfactory. 1. Continue to operate and perform O&M on SVE System 2. Continue to submit reports annually or semi-annually.	11/13/2023