

REVIEWED

1/24/2022 9:12:09 AM

By Mike Buchanan at 3:32 pm, Jan 17, 2024

SIMCOE LLC - Heaton LS 005

Summary SVE System Monitoring Data

Review of the SVE
System Monitoring
Date Summary:
Content Satisfactory
1. Continue to operate
and conduct O&M
2. Submit next
monitoring report by
April 1, 2024.

Page 1 of 12

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H ₂ O Drained from drum?	H ₂ O Amt. Drained (Gal.)?	
3/9/2015	BH-1	562	30	65	-	-	-	Initial vac startup on SVE - BH1.
3/10/2015	BH-1	425	30	65	YES	NO		
3/11/2015	BH-1	490	30	60	YES	NO		
3/12/2015	BH-1	549	32	50	YES	NO		
3/13/2015	BH-1	641	31	60	YES	NO		
3/16/2015	BH-1	792	31	60	YES	NO		
3/18/2015	BH-1	751	33	60	YES	NO		
3/19/2015	BH-1	801	33	60	YES	NO		
3/23/2015	BH-1	823	34	50	YES	NO		
3/30/2015	BH-1	859	34	60	YES	NO		
4/1/2015	BH-1	910	34	60	YES	NO		
4/6/2015	BH-1	917	34	50	YES	NO		
4/15/2015	BH-1	907	36	50	YES	NO		
4/20/2015	BH-1	847	34	60	YES	NO		
4/27/2015	BH-1	832	35	50	YES	NO		
5/7/2015	BH-1	849	36	50	YES	NO		
5/11/2015	BH-1	824	36	60	YES	NO		
5/20/2015	BH-1	877	38	50	YES	NO		
5/26/2015	BH-1	717	36	50	YES	NO		
6/4/2015	BH-1	829	36	50	YES	NO		
6/8/2015	BH-1	808	36	50	YES	NO		
6/15/2015	BH-1	690	38	50	NO	NO		Collected readings after restarting
6/22/2015	BH-1	724	38	50	YES	NO		
6/29/2015	BH-1	665	36	50	YES	NO		
7/6/2015	BH-1	661	36	50	YES	NO		
7/13/2015	BH-1	690	36	50	YES	NO		
7/20/2015	BH-1	702	36	50	YES	NO		
7/27/2015	BH-1	650	36	50	YES	NO		
8/5/2015	BH-1	685	38	50	YES	NO		
8/12/2015	BH-1	599	38	50	YES	NO		
8/19/2015	BH-1	688	38	50	YES	NO		
8/24/2015	BH-1	655.0	38	50	YES	NO		
8/24/2015	BH-1	663.0	38	50	YES	NO		
9/8/2015	BH-1	690.0	38	50	YES	NO		

SIMCOE LLC - Heaton LS 005

Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H ₂ O Drained from drum?	H ₂ O Amt. Drained (Gal.)?	Comments
9/17/2015	BH-1	654.0	38	50	YES	NO		Dry drum
9/22/2015	BH-1	950	36	50	YES	NO		Dry drum, switched to SVE-BH2
9/23/2015	BH-2	335	38	50	YES	NO		Dry drum, switched to SVE-BH4
9/24/2015	BH-4	1,023	39	50	YES	NO		Dry drum, switched to SVE-BH5
9/25/2015	BH-5	472	40	50	YES	NO		Dry drum, switched to SVE-BH6
9/28/2015	BH-6	600	40	50	YES	NO		Dry drum, switched to SVE-BH4
9/29/2015	BH-4	751	39	50	YES	NO		Dry drum
10/8/2015	BH-4	719	40	50	YES	NO		Did not check water level in drum
10/15/2015	BH-4	865	40	50	YES	NO		Did not check water level in drum
10/23/2015	BH-4	806	40	50	YES	NO		Dry drum
10/28/2015	BH-4	1,148	40	50	YES	NO		Did not check water level in drum
11/6/2015	BH-4	1,053	40	50	YES	NO	0.00	Measured ~ 1.5" H2O in drum
11/13/2015	BH-4	1102	40	50	YES	NO		Did not check water level in drum
11/20/2015	BH-4	1094	40	50	YES	YES	3.00	
11/27/2015	BH-4	1232	40	50	YES	NO		Did not check water level in drum
12/4/2015	BH-4	1339	40	50	YES	NO		Did not check water level in drum
12/11/2015	BH-4	1337	40	50	YES	NO	0.00	Measured ~ 4.5" H2O in drum
12/18/2015	BH-4	1,310	40	50	YES	YES	11.50	
12/24/2015	BH-4	1,620	40	60	YES	NO		Did not check water level in drum
12/31/2015	BH-4	1,407	40	60	YES	NO		Did not check water level in drum
1/7/2016	BH-4	1,260	40	50	YES	NO		Did not check water level in drum
1/14/2016	BH-4	1,337	40	50	YES	YES	17.00	
1/21/2016	BH-4	1,388	42	NA	YES	NO		Did not check water level in drum
1/29/2016	BH-4	1,206	42	NA	YES	NO		Did not check water level in drum
2/5/2016	BH-4	1,301	42	NA	YES	YES	24.00	
2/13/2016	BH-4	1,062	42	60	YES	NO		Did not check water level in drum
2/19/2016	BH-4	1,005	40	60	YES	NO	0.00	Measured ~ 8.5" H2O in drum
2/26/2016	BH-4	909	40	70	YES	YES	16.50	
3/3/2016	BH-4	988	40	60	YES	NO		Did not check water level in drum
3/10/2016	BH-4	879	40	60	YES	NO	0.00	Measured ~ 8.5" H2O in drum
3/17/2016	BH-4	1,133	40	NA	YES	YES	5.50	
3/24/2016	BH-4	1,155	41	NA	YES	NO	0.00	Measured ~ 1.0" H2O in drum
3/31/2016	BH-4	1,086	40	NA	YES	YES	4.00	Drained ~ 4 gal., restarted
4/8/2016	BH-4	920	40	NA	YES	NO	0.00	Measured ~ 1.0" H2O in drum
4/15/2016	BH-4	914	40	NA	YES	NO	0.00	Measured ~ 1.5" H2O in drum
4/22/2016	BH-4	837	40	NA	YES	NO	0.00	Measured ~ 2.5" H2O in drum

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4/29/2016	BH-4	815	40	NA	YES	NO	0.00	Measured ~ 3.0" H2O in drum
5/6/2016	BH-4	780	40	NA	YES	YES	6.50	
5/19/2016	BH-4	669	40	NA	YES	NO		Did not check water level in drum
6/3/2016	BH-4	629	40	NA	YES	NO		Water in drum below drain port
6/16/2016	BH-4	616	38	NA	YES	NO		Dry drum
6/30/2016	BH-4	535	37	70	YES	NO		Dry drum
7/14/2016	BH-4	531	36	50	YES	NO		Dry drum
8/19/2016	BH-4	474	38	NA	YES	NO		Dry drum
9/26/2016	BH-4	464	40	40	YES	YES	7.50	
10/25/2016	BH-4	379	38	NA	YES	YES	7.50	
11/8/2016	BH-4	-	-	NA	YES	YES	23.00	
11/21/2016	BH-4	975	38	NA	NO	YES	27.00	Collected readings after draining & restarting, commenced using Mini Rae PID
11/29/2016	BH-4	360	36	NA	YES	YES	25.50	
12/6/2016	BH-4	511	37	NA	YES	YES	24.00	
12/14/2016	BH-4	584	37	NA	NO	YES	27.00	Collected readings after draining & restarting
12/20/2016	BH-4	860	38	NA	YES	YES	19.00	
12/27/2016	BH-4	916	34	NA	YES	YES	22.00	
1/5/2017	BH-4	1,268	38	NA	YES	NO	27.00	Collected readings after draining & restarting
1/11/2017	BH-4	821	37	NA	YES	YES	17.00	
1/19/2017	BH-4	-	38	NA	YES	YES	19.00	
1/25/2017	BH-4	941	38	NA	YES	YES	17.00	
2/2/2017	BH-4	784	37	NA	YES	YES	24.50	
2/9/2017	BH-4	863	38	NA	YES	YES	15.50	
2/15/2017	BH-4	799	37	NA	YES	YES	10.50	
2/22/2017	BH-4	744	36	NA	YES	YES	12.00	
3/3/2017	BH-4	757	37	NA	YES	YES	18.00	
3/9/2017	BH-4	860	37	NA	YES	YES	11.50	
3/15/2017	BH-4	1,526	36	NA	YES	YES	6.50	
3/29/2017	BH-4	850	36	NA	YES	YES	6.50	
4/13/2017	BH-4	954	36	NA	YES	YES	15.50	
4/25/2017	BH-4	1,210	35	NA	YES	YES	3.00	
5/12/2017	BH-4	875	35	NA	YES	YES	7.00	
6/12/2017	BH-4	745	35	NA	YES	NO	0.00	Water in drum below drain port
7/11/2017	BH-4	541	32	NA	YES	NO	0.00	Dry drum
8/14/2017	BH-4	615	35	NA	YES	NO	0.00	Dry drum
9/15/2017	BH-4	816	32	NA	YES	NO	0.00	Dry drum

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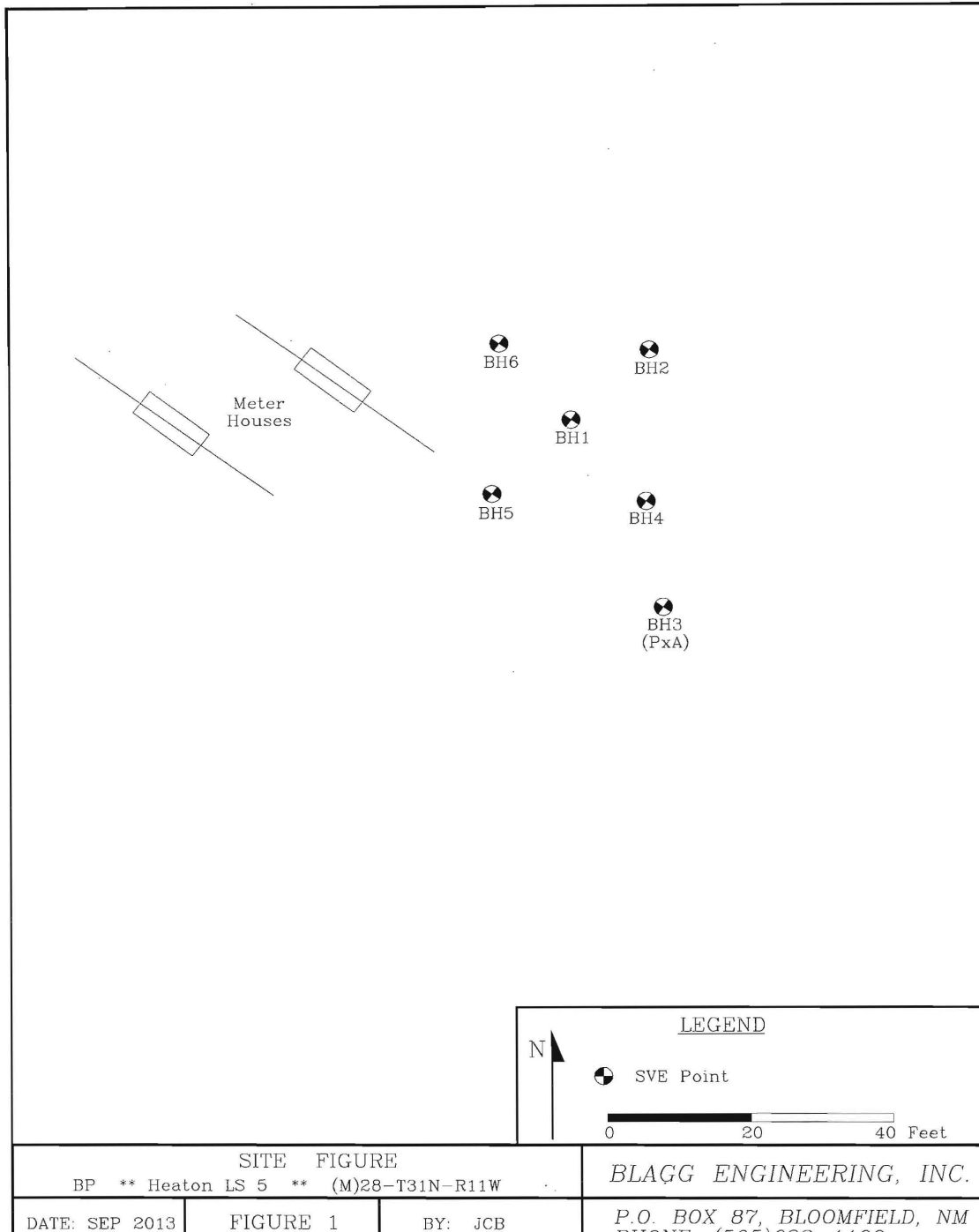
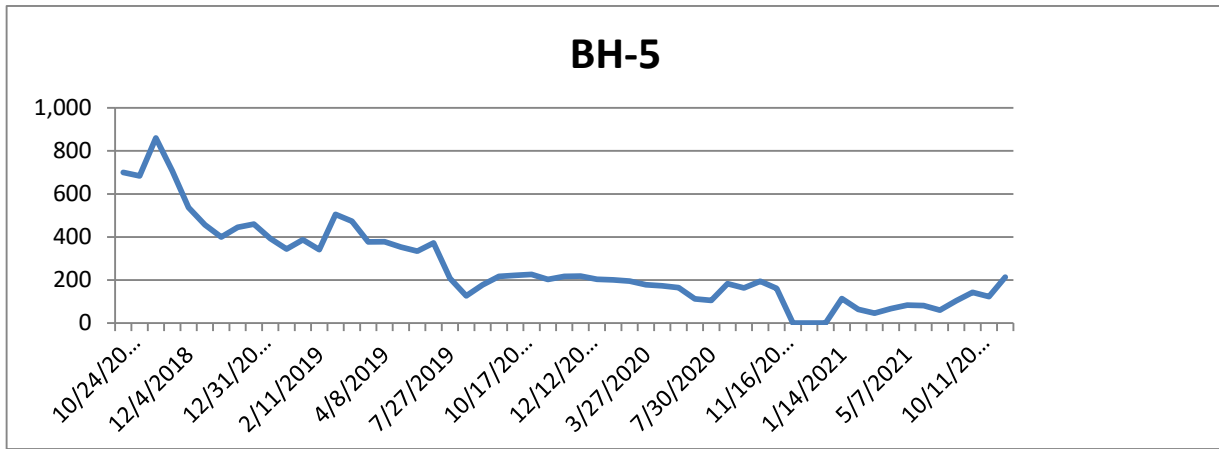
Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H ₂ O Drained from drum?	H ₂ O Amt. Drained (Gal.)?	Comments
10/3/2017	BH-4	431	34	NA	YES	YES	26.00	
10/27/2017	BH-4	520	34	NA	YES	YES	22.00	
11/10/2017	BH-4	651	34	NA	YES	YES	26.00	
11/22/2017	Blower unit & electrical box stolen; collected photos, reported to BP							
8/29/2018	1 & 5	617	52	NA	YES	NO	0.00	Restarted 8/27/2018. Water level in drum not measured
9/24/2018	-	-	-	NA	NO	-		Not operational at time of arrival, could not restart
9/27/2018	1 & 5	1,167	50	NA	YES	NO	0.00	Water in drum below drain port
10/24/2018	BH-5	700	54	NA	YES	NO	0.00	Water in drum below drain port
11/16/2018	BH-5	684	50	NA	YES	YES	32.50	
11/21/2018	BH-5	860	54	NA	YES	YES	15.50	Collected data, drained without shutting down unit
11/26/2018	BH-5	707	54	NA	YES	YES	16.00	
12/4/2018	BH-5	537	54	NA	YES	YES	22.00	Collected data, drained without shutting down unit
12/11/2018	BH-5	456	53	NA	YES	YES	22.00	
12/17/2018	BH-5	400	52	NA	YES	YES	17.00	
12/24/2018	BH-5	445	53	NA	YES	YES	15.50	
12/31/2018	BH-5	460	52	NA	YES	YES	18.50	
1/9/2019	BH-5	393	51	NA	YES	YES	19.50	
1/16/2019	BH-5	344	49	NA	YES	YES	10.50	
1/28/2019	BH-5	387	50	NA	YES	YES	21.00	
2/11/2019	BH-5	341	48	NA	YES	YES	17.00	
2/28/2019	BH-5	505	50	NA	YES	YES	17.00	
3/6/2019	BH-5	473	54	NA	YES	YES	10.50	Collected data, drained without shutting down unit
3/11/2019	BH-5	377	53	NA	YES	YES	6.50	
3/28/2019	BH-5	NA	NA	NA	YES	NO	?	Did not check water level in drum
4/8/2019	BH-5	378	50	NA	YES	NO	0.00	
5/3/2019	BH-5	353	50	NA	YES	YES	5.50	
5/29/2019	BH-5	NA	NA	NA	NO			Theft of unit parts, vandalized security measures
6/19/2019	BH-5	-	-	-	-	-	-	Completed repair of damaged security welding
6/20/2019	BH-5	334	54	NA	YES	NO	0.00	Dry drum
7/5/2019	BH-5	372	56	NA	YES	NO		Dry drum
7/27/2019	BH-5	208	51	NA	YES	NO		Dry drum
8/14/2019	BH-5	127	50	NA	YES	NO		Dry drum
9/18/2019	BH-5	177	50	NA	YES	NO		Dry drum
10/8/2019	BH-5	217	50	NA	YES	NO		Dry drum
10/17/2019	BH-5	222	50	NA	YES	NO		Water in drum below drain port
10/30/2019	BH-5	226	52	NA	YES	NO		Water in drum 1" above drain port

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Summary SVE System Monitoring Data

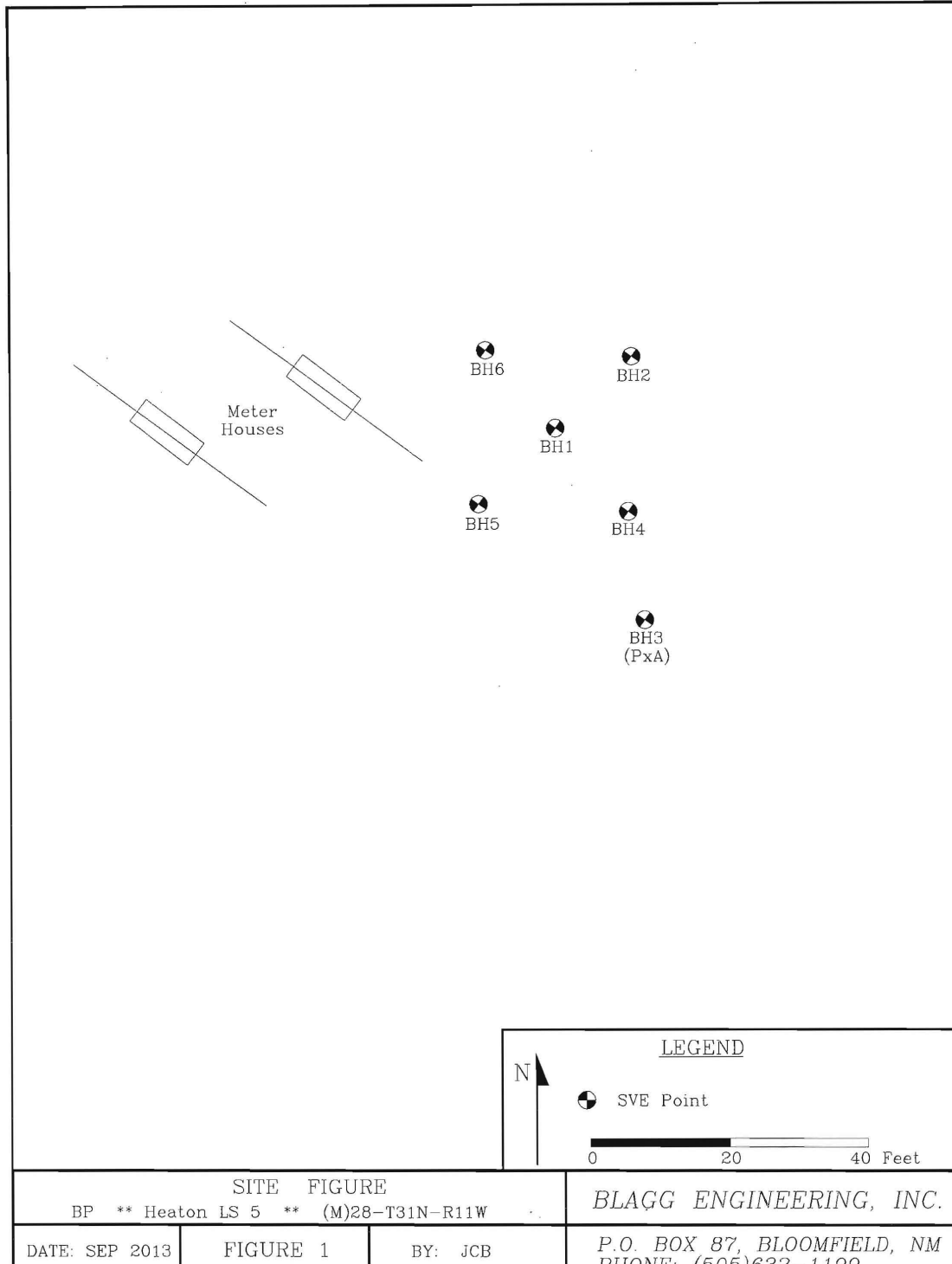
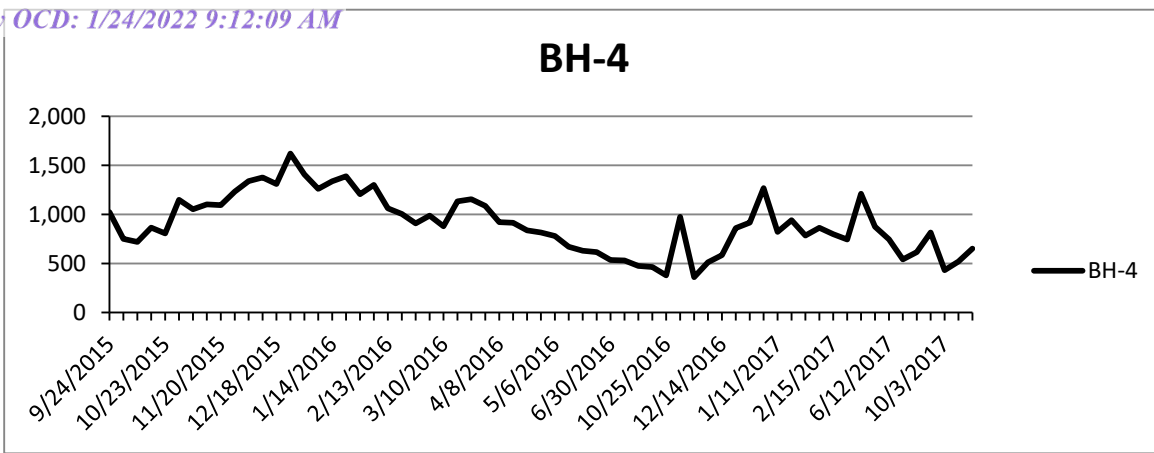
Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H ₂ O Drained from drum?	H ₂ O Amt. Drained (Gal.)?	Comments
11/12/2019	BH-5	203	50	NA	YES	YES	6.50	
12/4/2019	BH-5	217	51	NA	YES	YES	18.00	Drained drum, then restarted
12/12/2019	BH-5	218	52	NA	YES	YES	4.00	Drained drum while operational
12/19/2019	BH-5	204	51	NA	YES	YES	7.00	Drained drum while operational
1/6/2020	BH-5	200	52	NA	YES	YES	17.00	Drained drum while operational
1/25/2020	BH-5	195	52	NA	YES	YES	14.00	Drained drum while operational
2/13/2020	BH-5	NA	50	NA	YES	YES	11.50	Drained drum while operational
2/26/2020	BH-5	NA	51	NA	YES	NO		Water in drum measured at 27.5"
3/13/2020	BH-5	NA	50	NA	YES	YES	9.00	Drained drum while operational
3/27/2020	BH-5	178	50	NA	YES	YES	1.50	Drained drum while operational
4/20/2020	BH-5	173	50	NA	YES	NO		Water in drum below drain port
5/22/2020	BH-5	165	53	NA	YES	NO		Dry drum
6/25/2020	BH-5	112	54	NA	YES	NO		Dry drum
7/30/2020	BH-5	105	55	NA	YES	NO		Dry drum
8/25/2020	BH-5	183	58	NA	YES	NO		Dry drum, vacuum blower has loud vibration
9/23/2020	BH-5	163	58	NA	YES	NO		
10/23/2020	BH-5	NA	NA	NA	NO	NO		Could not restart unit, maintenance required
11/12/2020	BH-5	194	55	NA	YES	NO		Water in drum below drain port
11/16/2020	BH-5	161	57	NA	YES	NO		Water in drum below drain port
11/23/2020	BH-5	NA	55	NA	YES	NO		Water in drum below drain port
12/4/2020	BH-5	NA	54	NA	YES	YES	6.50	
12/14/2020	BH-5	NA	54	NA	YES	YES	6.50	
1/14/2021	BH-5	114	-	NA	YES	NO	-	
2/5/2021	BH-5	63	-	NA	YES	NO	-	
3/29/2021	BH-5	46	-	NA	YES	NO	-	
4/14/2021	BH-5	67	-	NA	YES	NO	-	
5/7/2021	BH-5	83	-	NA	YES	NO	-	
6/8/2021	BH-5	60	-	NA	YES	NO	-	
7/9/2021	BH-5	60	-	NA	YES	NO	-	
9/29/2021	BH-5	104	55	NA	YES	NO	-	Dry Drum
10/11/2021	BH-5	143	55	NA	YES	NO	-	Dry Drum
11/6/2021	BH-5	123	55	NA	YES	NO	-	Water in drum below drain port
12/13/2021	BH-5	213	56	NA	YES	YES	1.65	Drained drum, then restarted



SVE BH-5 OVM Data

Date	Exhaust OVM (ppm)
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[illegible]



SVE BH-4 OVM Data

Date	Exhaust OVM (ppm)
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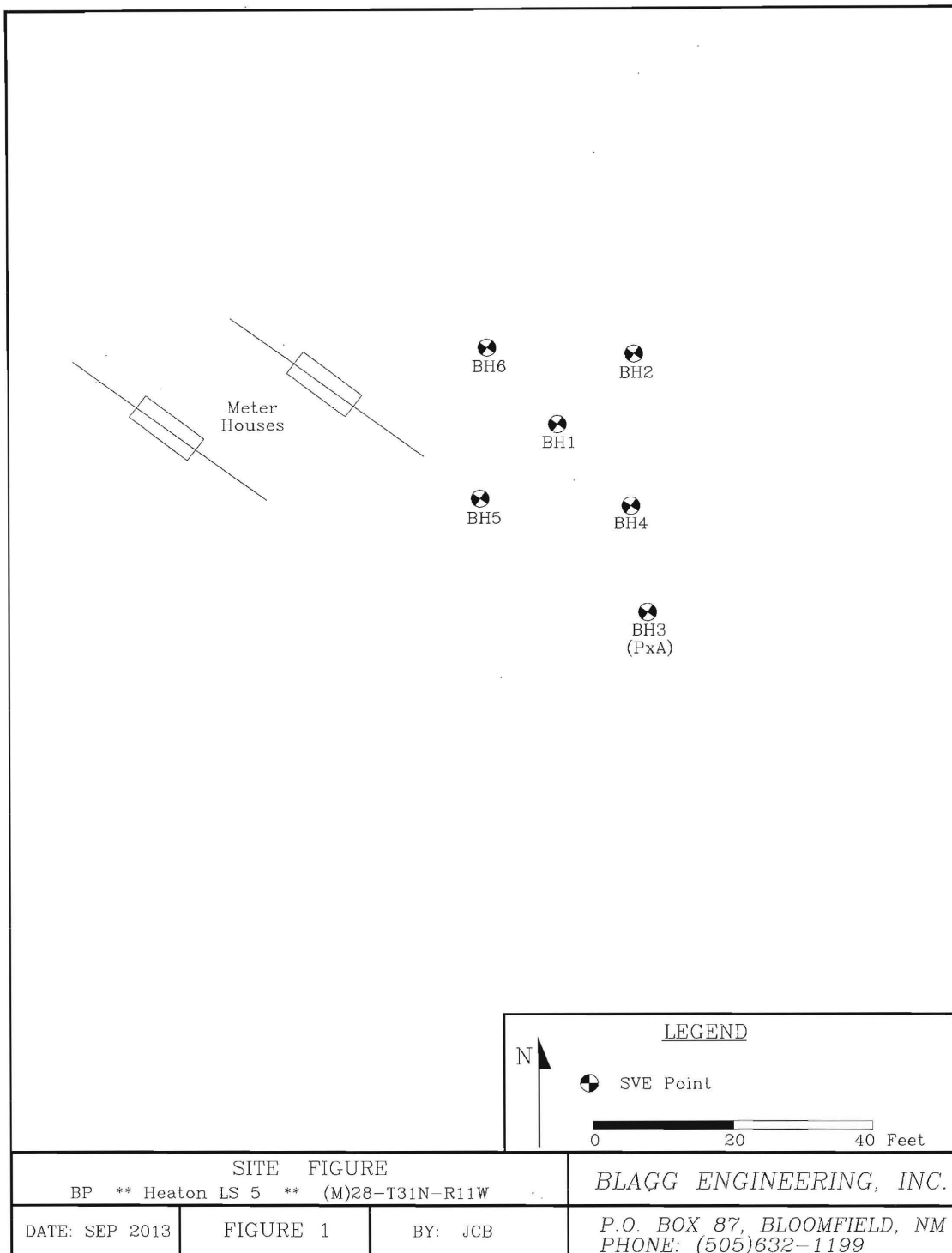
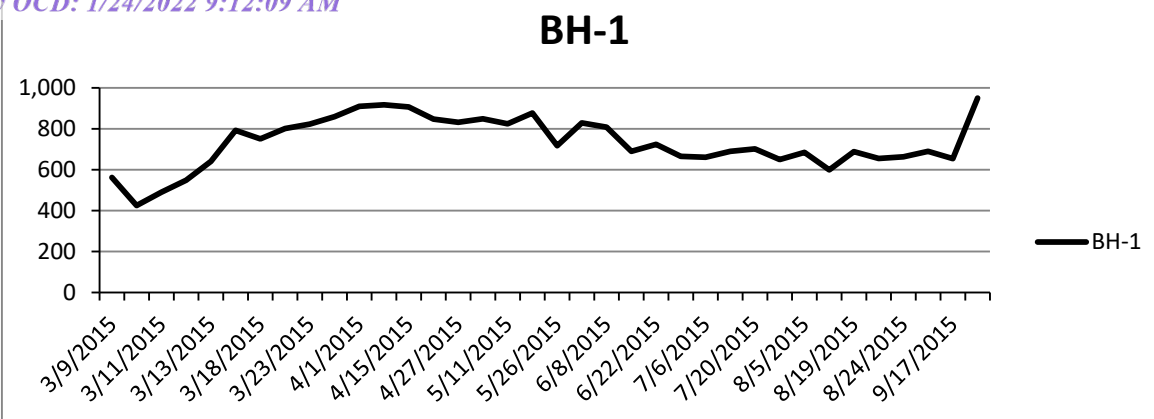
9/24/2015	1,023
9/29/2015	751
10/8/2015	719
10/15/2015	865
10/23/2015	806
10/28/2015	1,148
11/6/2015	1,053
11/13/2015	1,102
11/20/2015	1,094
11/27/2015	1,232
12/4/2015	1,339
12/11/2015	1,377
12/18/2015	1,310
12/24/2015	1,620
12/31/2015	1,407
1/7/2016	1,260
1/14/2016	1,337
1/21/2016	1,388
1/29/2016	1,206
2/5/2016	1,301
2/13/2016	1,062
2/19/2016	1,005
2/26/2016	909
3/3/2016	988
3/10/2016	879
3/17/2016	1,133
3/24/2016	1,155
3/31/2016	1,086
4/8/2016	920
4/15/2016	914
4/22/2016	837
4/29/2016	815
5/6/2016	780
5/19/2016	669
6/2/2016	629
6/16/2016	616
6/30/2016	535
7/14/2016	531
8/19/2016	474
9/26/2016	464
10/25/2016	379
11/21/2016	975
11/29/2016	360
12/6/2016	511
12/14/2016	584

Date	Exhaust OVM (ppm)
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[illegible]

Note

Different instrumentation after
October 2016.



BPX Energy Inc. - Heaton LS 5**SVE BH-1 OVM Data**

Date	Exhaust OVM (ppm)
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3/9/2015	562
3/10/2015	425
3/11/2015	490
3/12/2015	549
3/13/2015	641
3/16/2015	792
3/18/2015	751
3/19/2015	801
3/23/2015	823
3/30/2015	859
4/1/2015	910
4/6/2015	917
4/15/2015	907
4/20/2015	847
4/27/2015	832
5/7/2015	849
5/11/2015	824
5/20/2015	877
5/26/2015	717
6/4/2015	829
6/8/2015	808
6/15/2015	690
6/22/2015	724
6/29/2015	665
7/6/2015	661
7/13/2015	690
7/20/2015	702
7/27/2015	650
8/5/2015	685
8/12/2015	599
8/19/2015	688
8/24/2015	655
8/24/2015	663
9/8/2015	690
9/17/2015	654
9/22/2015	950

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 74420

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID:
	329736
	Action Number:
	74420
Action Type:	
[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)	

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the SVE System Monitoring Date Summary: Content Satisfactory 1. Continue to operate and conduct O&M 2. Submit next monitoring report by April 1, 2024.	1/17/2024