

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
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

NMOCD

MAR 15 2018

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ SVE Report ☐ Final Report

Name of Company: BP	Contact: Steve Moskal	
Address: 380 Airport Road, Durango, CO 81303	Telephone No.: 505-330-9179	
Facility Name: Heaton LS 005	Facility Type: Natural gas well	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-045-10251

LOCATION OF RELEASE


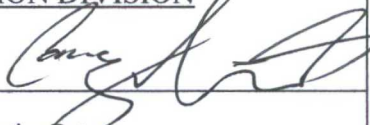
Unit Letter M	Section 28	Township 31N	Range 11W	Feet from the 800	North/South Line South	Feet from the 1,190	East/West Line West	County: San Juan
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Latitude 36.865369° Longitude -108.001206°

NATURE OF RELEASE

Type of Release: Hydrocarbon	Volume of Release: unknown	Volume Recovered: none
Source of Release: Flowline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* During trenching for the installation of a flowline, hydrocarbon impacted soils were encountered.		
Describe Area Affected and Cleanup Action Taken.* The vertical and lateral extents of the impacted soil were identified via a soil boring investigation. Soil vapor extraction points were installed and the system became operation on March 2015. Attached is the field data demonstrating the performance of the system. The SVE continues to appear effective in reducing the contaminant concentration thus far. Attached is the operation data through December 2017. The SVE unit was discovered stolen on 11/20/17.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		

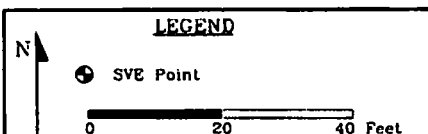
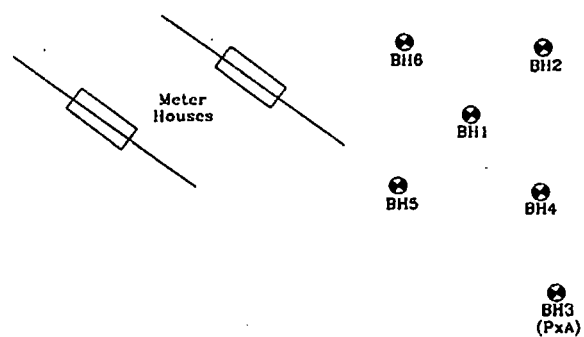
OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Steve Moskal	Approval Date: 3/27/18	Expiration Date:
Title: Field Environmental Coordinator	Conditions of Approval: Continue	Attached <input type="checkbox"/>
E-mail Address: steven.moskal@bp.com	SVE operations	
Date: March 13, 2018	Phone: 505-330-9179	

\* Attach Additional Sheets If Necessary

#NCS 17257 39883

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<b>SITE FIGURE</b> BP ** Heaton LS 5 ** (M)20-T31N-R11W			<b>BLACC ENGINEERING, INC.</b>
DATE: SEP 2013	FIGURE 1	BY: JCB	P.O. BOX 87, BLOOMFIELD, NM PHONE: (505)632-1199



# BP America - Heaton LS 5

## Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H <sub>2</sub> O Drained from drum?	H <sub>2</sub> O Amt. Drained (Gal.)?	Comments
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		
9/17/2015	BH-1	654.0	38	50	YES	NO		Dry drum



# BP America - Heaton LS 5

## Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H <sub>2</sub> O Drained from drum?	H <sub>2</sub> O Amt. Drained (Gal.)?	Comments
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
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

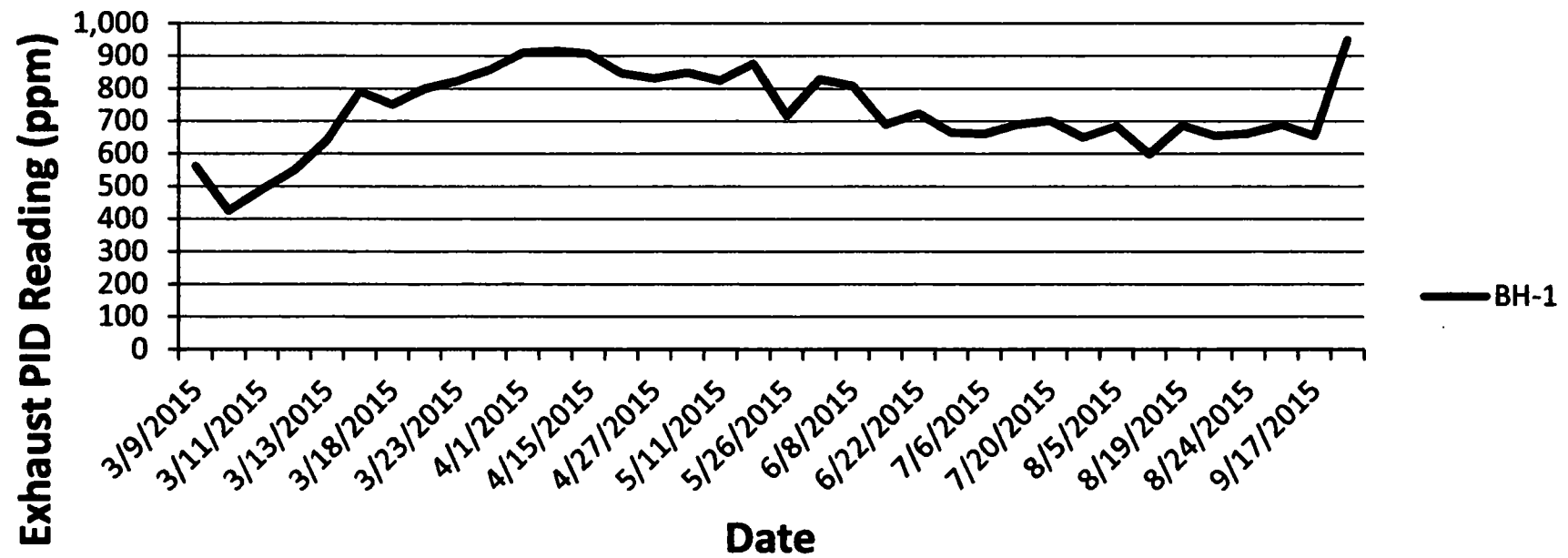


# BP America - Heaton LS 5

## Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H <sub>2</sub> O Drained from drum?	H <sub>2</sub> O Amt. Drained (Gal.)?	Comments
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
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	
11/20/2017	Blower unit & electrical box stolen; collected photos, reported to BP							

## Heaton LS 005 - BH-1



## Heaton LS 005 - BH-4

