NMOCD

MAR 15 2018

DISTRICT III

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

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: Atlantic A LS 009A	Facility Type: Natural gas well

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-045-22492

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
C	27	31N	10W	1,185	North	1,575	West	

Latitude 36.87354° **Longitude** -107.87331°

NATURE OF RELEASE

Type of Release: Condensate	Volume of Release: 13bbls est.	Volume Recovered: Unknown
Source of Release: Split in tank load line	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: May 15, 2012
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A split load line release condensate to the soils beneath it. The tank contents were removed and the line repaired. A soil boring investigation determined the lateral and vertical extents of the spill. A soil vapor extraction unit was install and became active on March 9, 2015. Attached is an update of the performance of the SVE system through December 2017.

Describe Area Affected and Cleanup Action Taken.*
The release was confined to the tank containment area. A soil vapor extraction system was installed and operational March 9, 2015, with nearly continuous operation since commencement. Attached is field data of the SVE performance through December 2017. Two additional SVE points were installed in February 2018 and will be documented in a separate submittal.

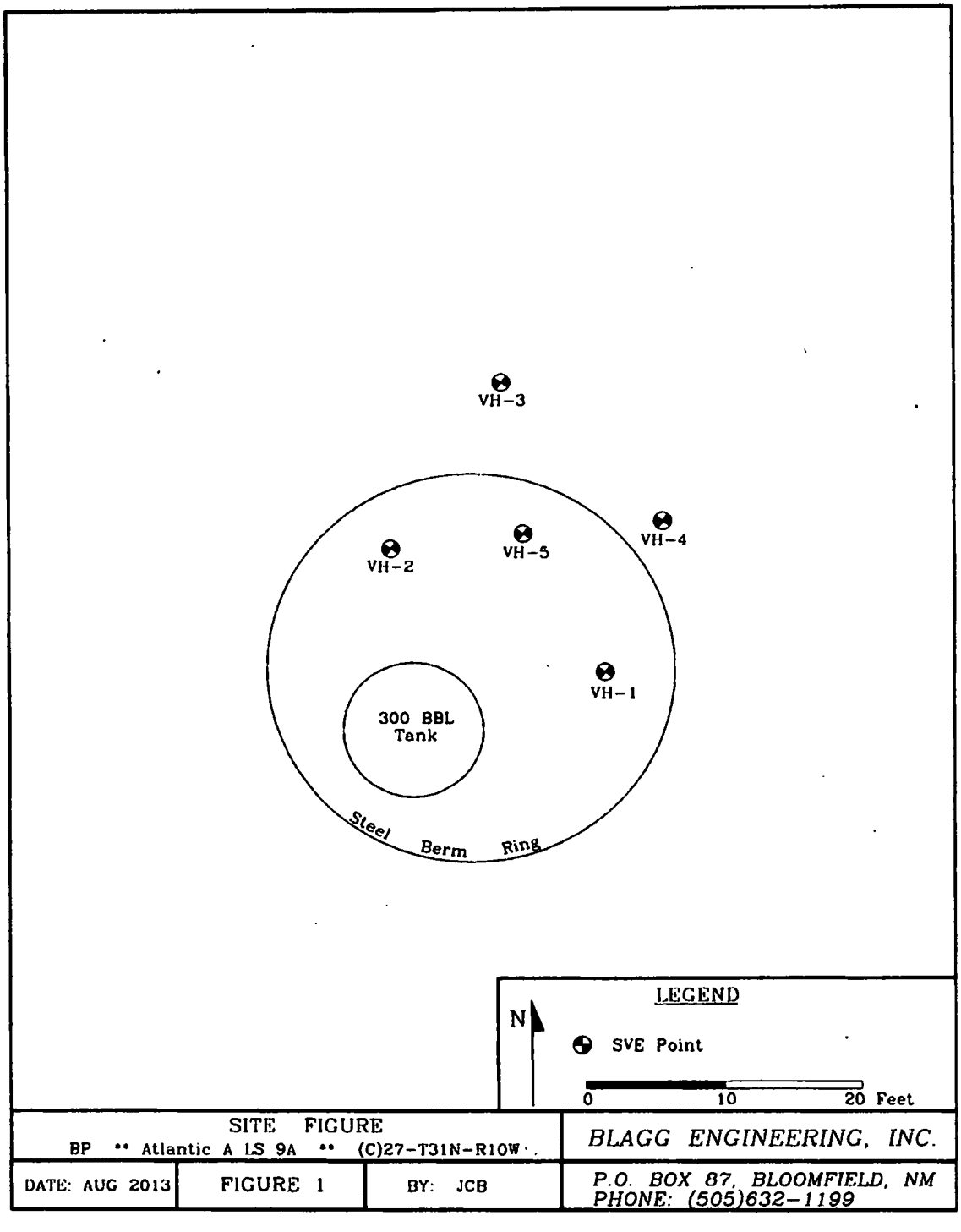
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Steve Moskal	Approved by Environmental Specialist:
Title: Field Environmental Coordinator	Approval Date: 3/27/18 Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval: Continue SVE operations. Attached ☐
Date: March 13, 2017 Phone: 505-330-9179	

* Attach Additional Sheets If Necessary

#NSK1215637545

(6)



SITE FIGURE BP ** Atlantic A LS 9A ** (C)27-T31N-R10W			BLAGG ENGINEERING, INC.
DATE: AUG 2013	FIGURE 1	BY: JCB	P.O. BOX 87, BLOOMFIELD, NM PHONE: (505)632-1199

BP America - Atlantic A LS 9A

Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H_2O Drained from drum?	H_2O Amt. Drained (Gal.)?	Comments
3/9/2015	VH-5	1,264	20	80	-	-	-	Initial Startup at SVE VH-5
3/10/2015	VH-5	1,008	20	80	YES	NO		
3/11/2015	VH-5	929	20	80	YES	YES	1.00	
3/12/2015	VH-5	920	19	80	YES	YES	1.00	
3/13/2015	VH-5	681	20	80	YES	YES	1.00	
3/17/2015	VH-5	469	19	80	YES	YES	4.00	
3/19/2015	VH-5	341	18	80	YES	YES	2.00	
3/23/2015	VH-5	358	19	80	YES	YES	4.00	
3/30/2015	VH-5	189	19	80	YES	YES	7.00	
4/1/2015	VH-5	195	19	80	YES	YES	3.00	
4/6/2015	VH-5	192	19	80	YES	YES	3.00	
4/15/2015	VH-5	140	20	80	YES	YES	6.00	
4/21/2015	VH-5	111	20	80	YES	YES	6.00	
4/27/2015	VH-5	102	20	80	YES	YES	3.00	
5/7/2015	VH-5	82	19	80	YES	YES	2.00	
5/11/2015	VH-5	72	19	80	YES	YES	2.00	
5/20/2015	VH-5	64	19	80	YES	YES	3.00	
5/26/2015	VH-5	57	19	80	YES	YES	1.00	
6/2/2015	VH-5	55	19	80	YES	YES	1.00	
6/8/2015	VH-5	48	19	80	YES	NO		
6/15/2015	VH-5	44	19	80	YES	NO		
6/22/2015	VH-5	48	19	80	YES	NO		
6/29/2015	VH-5	42	19	80	YES	NO		
7/6/2015	VH-5	40	19	80	YES	NO		
7/13/2015	VH-5	35	19	80	YES	NO		
7/20/2015	VH-5	37	19	80	YES	NO		
7/26/2015	VH-5	32	19	80	YES	NO		
8/5/2015	VH-5	32	19	80	YES	NO		
8/12/2015	VH-5	26	19	80	YES	NO		
8/19/2015	VH-5	26	19	80	YES	NO		
8/24/2015	VH-5	24	19	80	YES	NO		
8/26/2015	VH-2	1.1	22	75	YES	NO		Switched to VH-2. OVM reading after 10-min operation
8/31/2015	VH-2	1.0	20	80	YES	NO		Collected reading then switched to VH-4
9/3/2015	VH-4	2.2	20	80	YES	NO		Collected reading then switched to VH-3
9/8/2015	VH-3	2.6	20	80	YES	NO		Collected reading then switched to VH-5

BP America - Atlantic A LS 9A

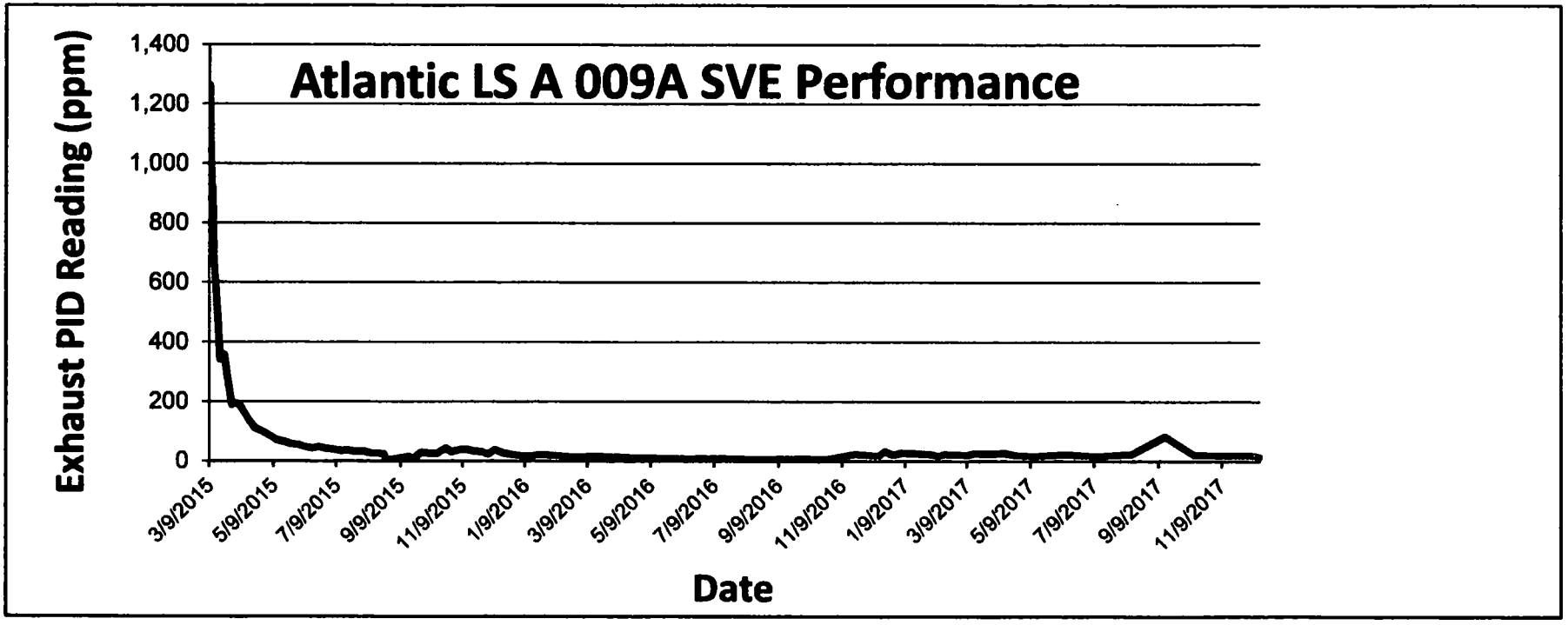
Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H_2O Drained from drum?	H_2O Amt. Drained (Gal.)?	Comments
9/17/2015	VH-5	16	19	80	YES	NO		
9/22/2015	VH-5	10	19	80	YES	NO		Collected reading then switched to VH-1
9/23/2015	VH-1	2	23	75	YES	NO		Collected reading then switched to VH-2
9/24/2015	VH-2	2	20	80	YES	NO		Collected reading then switched to VH-3
9/25/2015	VH-3	4	19	80	YES	NO		Collected reading then switched to VH-4
9/28/2015	VH-4	4	19	80	YES	NO		Collected readings then switched to VH-5
9/29/2015	VH-5	30	19	80	YES	NO		
10/8/2015	VH-5	26	20	80	YES	NO		
10/15/2015	VH-5	26	20	80	YES	YES	5.50	
10/23/2015	VH-5	44	20	80	YES	YES	12.00	
10/28/2015	VH-5	37	19	80	YES	NO		Did not check water level in drum
11/6/2015	VH-5	38.6	20	80	NO	YES	29.00	
11/13/2015	VH-5	38.6	20	80	YES	YES	17.00	
11/20/2015	VH-5	33.3	20	80	YES	YES	19.00	
11/27/2015	VH-5	31.1	20	80	YES	YES	17.00	
12/4/2015	VH-5	22	20	80	YES	YES	22.00	
12/11/2015	VH-5	38	20	80	YES	YES	17.00	
12/18/2015	VH-5	27	20	80	YES	YES	24.50	
12/24/2015	VH-5	23	20	80	YES	YES	16.50	
12/31/2015	VH-5	20	19	80	NO	YES	29.00	Collected readings after draining & restarting
1/7/2016	VH-5	16	20	80	YES	YES	21.00	
1/14/2016	VH-5	16	20	80	YES	YES	23.00	
1/21/2016	VH-5	20	20	80	YES	YES	21.00	
1/28/2016	VH-5	20	20	80	YES	YES	19.00	
2/5/2016	VH-5	18	21	80	YES	YES	21.00	
2/13/2016	VH-5	17	20	80	YES	YES	16.50	
2/19/2016	VH-5	14	21	80	YES	YES	10.00	
2/26/2016	VH-5	14	21	80	YES	YES	11.00	
3/3/2016	VH-5	14	20	80	YES	YES	7.00	
3/10/2016	VH-5	-	-	-	YES	YES	7.00	
3/17/2016	VH-5	17	21	80	YES	YES	7.00	
3/24/2016	VH-5	-	-	-	YES	NO	0.00	Measured ~ 3.0" H2O in drum
3/31/2016	VH-5	13	21	80	YES	YES	14.00	
4/8/2016	VH-5	-	-	-	YES	NO	0.00	Measured ~ 3.0" H2O in drum
4/15/2016	VH-5	13	21	80	YES	YES	7.00	
4/22/2016	VH-5	10	21	80	YES	YES	4.00	
4/29/2016	VH-5	10	21	80	YES	YES	5.50	
5/14/2016	VH-5	10	22	80	YES	NO	0.00	Measured ~ 1.5" H2O in drum

BP America - Atlantic A LS 9A

Summary SVE System Monitoring Data

Date	SVE Pt.	Exhaust OVM (ppm)	Exhaust Vacuum (in)	Exhaust Rate (cfm)	System Operational at Time of Arrival?	H_2O Drained from drum?	H_2O Amt. Drained (Gal.)?	Comments
5/26/2016	VH-5	8	21	80	YES	NO	0.00	Measured ~ 1.0" H2O in drum
6/10/2016	VH-5	8	20	80	YES	NO		
6/24/2016	VH-5	8	22	80	YES	NO		
7/21/2016	VH-5	8	22	80	YES	NO		
8/19/2016	VH-5	5	22	80	YES	NO		
9/26/2016	VH-5	8	22	80	YES	YES	2.50	
10/25/2016	VH-5	5	23	80	YES	YES	22.00	
11/8/2016	VH-5	-	-	-	YES	YES	15.50	
11/21/2016	VH-5	22	24	80	NO	YES	23.00	Collected readings after draining & restarting, commenced using Mini Rae PID
12/6/2016	VH-5	-	-	-	YES	YES	26.00	Restarted later in the day
12/14/2016	VH-5	17	21	80	YES	YES	27.00	
12/20/2016	VH-5	33	22	80	YES	YES	17.00	
12/28/2016	VH-5	21	21	80	YES	YES	23.00	
1/5/2017	VH-5	28	22	80	YES	YES	19.00	
1/11/2017	VH-5	23	21	80	YES	YES	15.50	
1/19/2017	VH-5	-	20	80	YES	YES	15.50	
1/25/2017	VH-5	22	20	80	YES	YES	15.50	
2/2/2017	VH-5	23	19	80	YES	YES	22.00	
2/9/2017	VH-5	16	19	80	YES	YES	11.50	
2/15/2017	VH-5	23	19	80	YES	YES	9.00	
2/22/2017	VH-5	21	19	80	YES	YES	9.00	
3/3/2017	VH-5	21	19	80	YES	YES	17.00	
3/9/2017	VH-5	19	19	80	YES	YES	9.00	
3/16/2017	VH-5	26	18	80	YES	YES	5.50	
3/31/2017	VH-5	24	18	80	YES	YES	8.00	
4/13/2017	VH-5	28	18	80	YES	YES	12.00	
4/26/2017	VH-5	19	18	80	YES	YES	5.00	
5/12/2017	VH-5	16	18	80	YES	YES	4.00	
6/12/2017	VH-5	22	19	80	YES	NO	0.00	Water in drum below drain port
7/11/2017	VH-5	15	18	80	YES	NO	0.00	Dry drum
8/14/2017	VH-5	24	18	80	YES	NO	0.00	Dry drum
9/15/2017	VH-5	83	19	80	YES	NO	0.00	Dry drum
10/13/2017	VH-5	21	19	80	YES	YES	14.00	
10/25/2017	VH-5	20	19	80	YES	YES	14.50	
11/10/2017	VH-5	17	18	80	YES	YES	23.50	
11/22/2017	VH-5	19	19	80	YES	YES	23.00	
12/8/2017	VH-5	18	19	80	NO	YES	27.00	High water level shut off unit, drained, restarted, then collected data
12/15/2017	VH-5	14	20	80	YES	YES	25.50	


Atlantic LS A 009A SVE Performance
Exhaust PID Reading (ppm)
1,400
1,200
1,000
800
600
400
200
0
3/9/2015
5/9/2015
7/9/2015
9/9/2015
11/9/2015
1/9/2016
3/9/2016
5/9/2016
7/9/2016
9/9/2016
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9/9/2017
11/9/2017
Date