

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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Release Notification and Corrective Action

OPERATOR

Subsequent Report Final Report

| | |
|---|---------------------------------|
| Name of Company: BP | Contact: Steve Moskal |
| Address: 200 Energy Court, Farmington, NM 87401 | 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 C | Section 27 | Township 31N | Range 10W | Feet from the 1,185 | North/South Line North | Feet from the 1,575 | East/West Line West | County: San Juan |
|------------------|---------------|-----------------|--------------|------------------------|---------------------------|------------------------|------------------------|------------------|

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? <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.*

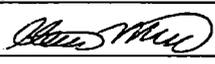
Describe Cause of Problem and Remedial Action Taken.*

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.

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.

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: <u>9/14/17</u> | Expiration Date: <u> </u> |
| E-mail Address: steven.moskal@bp.com | Conditions of Approval: <u>Continue Operation of SVE</u> | |
| Date: August 22, 2017 Phone: 505-326-9429 | Attached <input checked="" type="checkbox"/> | |

* Attach Additional Sheets If Necessary

#NSK 1215637545 & Reporting.
OIL CONS. DIV DIST. 3

AUG 23 2017

(5)

Smith, Cory, EMNRD

From: Smith, Cory, EMNRD
Sent: Thursday, September 14, 2017 3:46 PM
To: Moskal, Steven
Cc: Fields, Vanessa, EMNRD
Subject: Heaton Ls #5 and Atlantic A LS 9A

Steve,

OCD has received and approved Subsequent reports for SVE operations at the Heaton LS #5 (AP# 30-045-10251) and Atlantic A LS #9A(30-045-22492).

After performing a well file review neither of the sites appear to have an Initial C-141 submitted nor do they have any 3RP associated with them. If you have the initial report could you please resubmit them to the OCD office.

Heaton LS #5 has been assigned to incident# NCS1725739883 and has been approved with the following conditions of approval:

- Continue operation of SVE remediation and reporting requirements.

Atlantic A LS #9A has been assigned to incident# NJK1215637545 and has been approved with the following conditions of approval:

- Continue operation of SVE remediation and reporting requirements.

If you have any additional questions please give me a call.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

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 ₂ O Drained from drum? | H ₂ O 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 |

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 ₂ O Drained from drum? | H ₂ O Amt. Drained (Gal.)? | Comments |
|------------|---------|-------------------|---------------------|--------------------|--|-------------------------------------|---------------------------------------|--|
| 9/8/2015 | VH-3 | 2.6 | 20 | 80 | YES | NO | | Collected reading then switched to VH-5 |
| 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 | |

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 ₂ O Drained from drum? | H ₂ O Amt. Drained (Gal.)? | Comments |
|------------|---------|-------------------|---------------------|--------------------|--|-------------------------------------|---------------------------------------|--|
| 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 |
| 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 |