



2350 W Marland Blvd Hobbs, NM 88240

Termination Report

November 28, 2016

Re: Hawk B 3 # 9
API# 30-025-06501
Case # 1RP-3572

To: Kristin Lynch
Environmental Specialist-New Mexico Oil Conservation Division Energy, Minerals and
Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240

On June 15th, 2015 an amendment to the path forward was submitted to NMOCD and BLM and approved by NMOCD and BLM on July 24, 2015. The path forward stated that a liner would be installed a 20 mil liner at 22 feet below ground surface. The remaining backfill that was submitted in the amended path forward was utilized to backfill above the liner and the 10 feet excavation south of the 22 feet excavation to a depth of 4 feet below ground surface. The northern portion of the release area will be excavated to a depth of 4 feet below ground surface and discrete wall samples will be taken and sent to a commercial laboratory for analysis of chloride and volatile organic compounds. At 4 feet below ground surface a 20 mil reinforced liner would be installed and properly seated and the remaining backfill with clean imported soil and contoured to the surrounding location. The site will be seeded with a blend of native vegetation.

On July 28 through July 30, 2015 a 20 mil reinforced liner was installed at 22 feet and backfilled to 4 feet below ground surface in the 22 feet excavation and 10 feet excavation. The area to the north was excavated to a depth of 4 feet and discrete wall samples were collected and submitted to a commercial laboratory for analysis.

On November 13, 2015 a 20 mil reinforced liner was installed and properly seated at 4 feet below ground surface and backfilled with clean imported soil and contoured to the surrounding location. On April 1, 2016 the site was seeded with a blend of native vegetation.

Enclosed: Initial C-141, Amended Path Forward, Approvals of Path Forward, Laboratory analysis for wall samples, Photos, and final C-141.

Apache has completed the approved amended path forward and respectfully request termination of release.

Submitted by;

Bruce Baker

Environmental Technician

larry.baker@apachecorp.com

Cell# 432-631-6982

Off# 575-393-7106

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

☒ Initial Report ☐ Final Report

| | |
|--|------------------------------|
| Name of Company: Apache Corporation | Contact: Bruce Baker |
| Address: 2350 W Marland Blvd Hobbs, NM 88240 | Telephone No. (432) 631-6982 |
| Facility Name: Hawk B-3 # 9 | Facility Type: Oil Well |

| | | |
|-------------------------------|--------------------|---------------------|
| Surface Owner: Farmer Raymond | Mineral Owner: BLM | API #: 30-025-06501 |
|-------------------------------|--------------------|---------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|--------------|-----------------|--------------|------------------------|-------------------------|------------------------|-----------------------|---------------|
| Unit Letter R | Section 3 | Township 21S | Range 37E | Feet from the 1650' | North/South Line FSL | Feet from the 1650' | East/West Line FEL | County Lea |
|------------------|--------------|-----------------|--------------|------------------------|-------------------------|------------------------|-----------------------|---------------|

Latitude N32.50517 Longitude W103.14773

NATURE OF RELEASE

| | | |
|---|--|---|
| Type of Release: oil and produced water | Volume of Release: 26 barrels of oil and 54 barrels of water | Volume Recovered: 25 barrels of oil and 50 barrels of water |
| Source of Release: Flow line | Date and Hour of Occurrence: 2/16/2015 | Date and Hour of Discovery: 2/16/2015 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Dr. Oberding (NMOCD) | |
| By Whom? Bruce Baker | Date and Hour: 2/17/2015 via email | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |
| <div style="border: 2px solid black; padding: 5px; text-align: center;"> RECEIVED By OCD; Dr. Oberding at 3:04 pm, Mar 23, 2015 </div> | | |

Describe Cause of Problem and Remedial Action Taken.*

The flow line ruptured. The well was shut in and a vacuum truck was dispatched to pick-up standing fluid.

Describe Area Affected and Cleanup Action Taken.*

The entire release was contained inside a 20'X 20'X3' bell hole in the pasture.

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: <i>Bruce Baker</i> | | OIL CONSERVATION DIVISION | |
| Printed Name: Bruce Baker | | Approved by Environmental Specialist: <i>[Signature]</i> | |
| Title: Environmental Technician | | Approval Date: 03/23/2015 | Expiration Date: 06/21/2015 |
| E-mail Address: larry.baker@apachecorp.com | | Conditions of Approval: Site samples required. Delineate and remediate are as per NMOCD guides. | |
| Date: 3/23/2015 | Phone: (432) 631-6982 | Attached <input type="checkbox"/> 1RP-3572 873 | |

Attach Additional Sheets If Necessary

nTO1508254498

pTO1508254870



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

June 15th, 2015

Kellie Jones

Environmental Specialist– New Mexico Oil
Conservation Division Energy, Minerals and Natural
Resources Department 1625 N. French Dr.
Hobbs, NM 88240

**RE: Amended Path Forward
Apache Hawk B-3 #9 (1RP-3572)
UL/Q sec. 3 T21S R37E
API No. 30-025-06501**

Ms. Jones:

A Path Forward was submitted to NMOCD and BLM on April 30th, 2015. NMOCD approved the Path Forward on April 30th, 2015, and BLM approved the Path Forward on May 7th, 2015.

The Path Forward stated that the bell hole is located under a series of high line electric lines, negating the possibility of installing soil bores at the site. Therefore, in order to hinder the movement of residual chlorides through the vadose zone, the area around Vertical 1 would be excavated to a depth of 13 ft bgs. Once the excavation was completed, wall samples would be taken and a 20-mil reinforced liner would be installed and properly seated at the base of the excavation. All excavated soil would be taken to a NMOCD approved facility for disposal. The excavation would then be backfilled with imported soil.

Addendum to the Path Forward

The bell hole has been excavated to a depth of 22 ft, and the area to the south of the bell hole has been excavated to a depth of 10 ft bgs. The excavated soil was evaluated for use as backfill, and soil that did not meet regulatory standards was taken to a NMOCD facility for disposal. The remaining soil was blended on site, and a sample of the blended soil was taken to a commercial laboratory for analyses. The blended soil returned a chloride reading of 656 mg/kg, a GRO reading of non-detect, a DRO reading of 464 mg/kg and a total BTEX reading of non-detect.

An additional vertical, Vertical 4, was installed north of the bell hole to determine the extent of contamination in this area. The vertical was installed to a depth of 4 ft bgs, and that sample was taken to a commercial laboratory for analyses. The 4 ft sample returned a chloride reading of 1,170 mg/kg with GRO and DRO readings of non-detect.

Based on these sampling data, a 20-mil, reinforced liner will be installed within the 22 ft bgs excavation. The 22 ft bgs and 10 ft bgs excavations will then be backfilled with the blended soil to 4 ft bgs. The northern portion of the release area will be excavated to a depth of 4 ft bgs. Once the entire release area reaches 4 ft bgs, discrete wall samples will be taken and sent to a

commercial laboratory. The samples will be tested for chlorides and volatile organic compounds to confirm that the walls return readings below regulatory standards.

At 4 ft bgs, a 20-mil reinforced poly liner will be installed and properly seated throughout the base of the excavation. The excavation will be backfilled with clean, imported soil as needed. The release area will be contoured to the surrounding location, and the site will be seeded with a blend of native vegetation.

Once these actions have been completed, a Termination Request will be submitted to NMOCD and BLM with a request for 'remediation termination' and site closure.

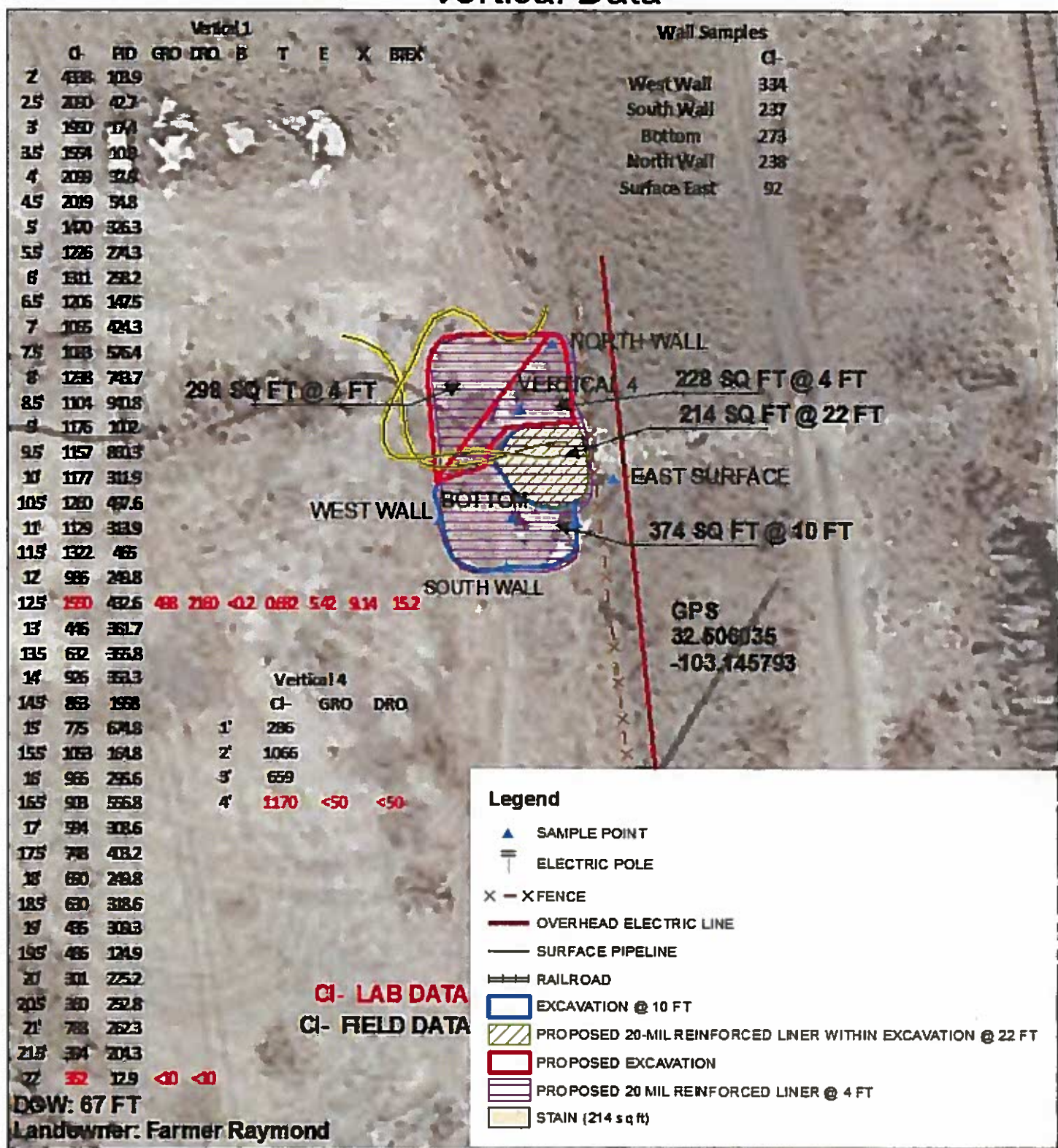
RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,



Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Vertical Data



APACHE
HAWK B-3 #9
NMOCD Case #: 1RP-3572
LEGALS: UL/ Q SEC. 3
T-21-S R-37-E
LEA COUNTY, NM

Underground facilities are spatially projected and need to be field verified.

0 10 20
Feet

Drawing date: 5/29/15, 6/1 & 9/15
Drafted by: L. Weinheimer, T. Grieco

N
W
E
S



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 28, 2015

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK B -3 #9

Enclosed are the results of analyses for samples received by the laboratory on 05/27/15 16:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Caley D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 05/27/2015
 Reported: 05/28/2015
 Project Name: HAWK B -3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 05/27/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: VERT 4 @ 4' (H501332-01)

| Chloride, SM4500Cl-B | | | mg/kg | | | | | | | |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: AP | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1170 | 16.0 | 05/28/2015 | ND | 432 | 108 | 400 | 3.77 | | |
| TPH 8015M | | | mg/kg | | | | | | | |
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <50.0 | 50.0 | 05/28/2015 | ND | 186 | 92.9 | 200 | 0.301 | | |
| DRO >C10-C28 | <50.0 | 50.0 | 05/28/2015 | ND | 203 | 102 | 200 | 0.397 | | |
| Surrogate: 1-Chlorooctane | 93.6 % | 47.2-157 | | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 134 % | 52.1-176 | | | | | | | | |

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 05/27/2015
 Reported: 05/28/2015
 Project Name: HAWK B -3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 05/27/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SPOIL PILE (H501332-02)

| BTEX 80218 | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.051 | 0.050 | 05/28/2015 | ND | 1.83 | 91.4 | 2.00 | 0.634 | |
| Toluene* | 0.096 | 0.050 | 05/28/2015 | ND | 1.87 | 93.3 | 2.00 | 1.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/28/2015 | ND | 1.75 | 87.5 | 2.00 | 3.91 | |
| Total Xylenes* | <0.150 | 0.150 | 05/28/2015 | ND | 5.04 | 84.0 | 6.00 | 3.69 | |
| Total BTEX | <0.300 | 0.300 | 05/28/2015 | ND | | | | | |

Surrogate 4-Bromofluorobenzene (PIC) 119 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 656 | 16.0 | 05/28/2015 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <50.0 | 50.0 | 05/28/2015 | ND | 186 | 92.9 | 200 | 0.301 | |
| DRO >C10-C28 | 464 | 50.0 | 05/28/2015 | ND | 203 | 102 | 200 | 0.397 | |

Surrogate 1-Chlorooctane 93.6 % 47.2-157

Surrogate 1-Chlorooctadecane 151 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

| | |
|-----|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2376 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

| ANALYSIS REQUEST | | | | | | | | | |
|---|--|---|--|---|--|-------------------------|--|------------|--|
| BILL TO | | | | | | | | | |
| Company Name: Apache | | P.O. #: | | Company: | | Chlorides | | TPH 8015 M | |
| Project Manager: Bruce Baker / Kyle Norman | | Address: 419 W Cain | | State: NM Zip: 88240 | | Texas TPH | | BTEX | |
| City: Hobbs | | Phone #: 575-393-2967 | | Fax #: 575-393-0293 | | Complete Cations/Anions | | TDS | |
| Project #: _____ | | Project Owner: _____ | | City: _____ | | | | | |
| Project Name: _____ | | State: _____ | | Phone #: _____ | | | | | |
| Project Location: HAUK B-3 #9 | | Fax #: _____ | | Zip: _____ | | | | | |
| Sampler Name: _____ | | Matrix | | Preserv | | Sampling | | | |
| Lab I.D. 1501332 | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | |
| | | | | | | | | | |
| Sample I.D. | | (G) RAB OR (COMP) | | SLUDGE | | OTHER: | | ACID/BASE: | |
| | | | | | | | | | |
| 1 VENT 4 @ 4 Feet | | 6 | | 1 | | 1 | | CE / COOL | |
| | | | | | | | | | |
| 2 SPILL Pile | | 6 | | 1 | | 1 | | OTHER: | |
| | | | | | | | | | |
| DATE | | DATE | | DATE | | DATE | | DATE | |
| TIME | | TIME | | TIME | | TIME | | TIME | |
| 1501332 | | S-274 4:10 | | S-274 4:10 | | S-274 4:10 | | S-274 4:10 | |
| | | S-274 4:15 | | S-274 4:15 | | S-274 4:15 | | S-274 4:15 | |
| <p>PLEASE NOTE: Liability and Damages: Contractor's liability and client's exclusion (remedy for any claim arising in whole or in part, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause, shall be deemed waived unless made in writing and received by Contractor within 30 days after completion of the applicable service. In no event shall Contractor be liable for occurrence or consequences of damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Contractor, regardless of whether such claim is based upon any of the above stated causes of action.</p> | | | | | | | | | |
| Relinquished By: NR | | Received By: Andy | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Phone #: _____ | | | |
| Relinquished By: _____ | | Received By: _____ | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Fax #: _____ | | | |
| Delivered By: (Circle One) | | Checked By: _____ | | Remarks: Samples taken 20 minutes before | | | | | |
| Sampler - UPS - Bus - Other: | | Sample Condition | | email results: | | | | | |
| | | Cool <input type="checkbox"/> Intact <input type="checkbox"/> | | hchonder@rice-ecs.com; knorman@rice-ecs.com; jkamlain@rice-ecs.com; | | | | | |
| | | Yes <input type="checkbox"/> No <input type="checkbox"/> | | lflores@rice-ecs.com; lweinheimer@rice-ecs.com; cursanic@rice-ecs.com; | | | | | |
| | | Yes <input type="checkbox"/> No <input type="checkbox"/> | | sedwards@rice-ecs.com | | | | | |
| | | Yes <input type="checkbox"/> No <input type="checkbox"/> | | environmental tech: | | | | | |
| | | Yes <input type="checkbox"/> No <input type="checkbox"/> | | company: larry.baker@apachecorp.com | | | | | |
| | | Yes <input type="checkbox"/> No <input type="checkbox"/> | | @rice-ecs.com | | | | | |

+ Conditional cannot accept verbal changes. Please fax written changes to 505-393-2476

125#

From: Kyle Norman
To: "Lara Weinheimer"
Subject: FW: Apache Hawk B-3 #9 (1RP-3572) Addendum
Date: Friday, July 24, 2015 1:39:17 PM

From: Jones, Kellie, EMNRD [mailto:Kellie.Jones@state.nm.us]
Sent: Friday, June 19, 2015 2:00 PM
To: Kyle Norman; Oberding, Tomas, EMNRD; Jeffery Robertson
Cc: 'Baker, Larry'
Subject: RE: Apache Hawk B-3 #9 (1RP-3572) Addendum

Kyle,

OCD conditionally approves the addendum. Please ensure BLM approval/concurrence.

I look forward to receiving the final report.

Have a great day!

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
(575) 393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Please note:

- The OCD is no longer granting "risk-based," or standard closure of events/RPs with remediation deferred to site abandonment/sale/closure. The RP will remain open until such time as historic contamination is addressed.
- Photographic documentation is stipulated for all events involving liquids.

If you have any questions or concerns, and for notification, please contact me.

From: Kyle Norman [mailto:knorman@rice-ecs.com]
Sent: Monday, June 15, 2015 11:13 AM
To: Oberding, Tomas, EMNRD; Jones, Kellie, EMNRD; Jeffery Robertson
Cc: 'Baker, Larry'
Subject: Apache Hawk B-3 #9 (1RP-3572) Addendum

All,

Attached is the addendum to Hawk B-3 #9 (1RP-3572) for your review. We would like to move to closure. Let me know if you have any questions. Thanks

Kyle Norman
Project Lead
419 W. Cain
Hobbs NM 88240
Cell # (575)942-8542
Fax # (575)393-0293

Page 14 of 30

From: Kyle Norman
To: "Lara Weinheimer"
Subject: FW: Apache Hawk B-3 #9 (1RP-3572) Addendum
Date: Friday, July 24, 2015 1:39:28 PM

From: Robertson, Jeffery [mailto:jlrobertson@blm.gov]
Sent: Thursday, June 18, 2015 11:06 AM
To: Kyle Norman
Subject: Re: Apache Hawk B-3 #9 (1RP-3572) Addendum

This plan is approved as written by the Bureau of Land Management Carlsbad Field Office with the above listed conditions of approval. **This plan still needs to be approved by OCD.** BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and re mediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that location does not re vegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Thanks

Jeffery L. Robertson
BLM-CFO
Natural Resource Specialist
Office: 575-234-2230
Cell: 575-706-1920
jlrobertson@blm.gov

On Mon, Jun 15, 2015 at 11:12 AM, Kyle Norman <knorman@rice-ecs.com> wrote:
All,

Attached is the addendum to Hawk B-3 #9 (1RP-3572) for your review. We would like to move to closure. Let me know if you have any questions. Thanks

Kyle Norman
Project Lead
419 W. Cain
Hobbs NM 88240
Cell # (575)942-8542
Fax # (575)393-0293



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

August 05, 2015

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK B -3 #9

Enclosed are the results of analyses for samples received by the laboratory on 07/30/15 13:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 07/30/2015
 Reported: 08/05/2015
 Project Name: HAWK B-3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 07/30/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: NORTH WALL (H501982-01)**BTEX 80218****mg/kg****Analyzed By: MS**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Benzene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.92 | 96.2 | 2.00 | 0.311 | |
| Toluene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.95 | 97.4 | 2.00 | 0.357 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/04/2015 | ND | 2.10 | 105 | 2.00 | 0.478 | |
| Total Xylenes* | <0.150 | 0.150 | 08/04/2015 | ND | 5.55 | 92.4 | 6.00 | 0.104 | |
| Total BTEX | <0.300 | 0.300 | 08/04/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 85.6-137

Chloride, SM4500CI-B**mg/kg****Analyzed By: AP**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Chloride | <16.0 | 16.0 | 08/03/2015 | ND | 400 | 100 | 400 | 3.92 | |

TPH 8015M**mg/kg****Analyzed By: MS**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10 | <10.0 | 10.0 | 07/31/2015 | ND | 202 | 101 | 200 | 3.18 | |
| DRO >C10-C28 | <10.0 | 10.0 | 07/31/2015 | ND | 182 | 91.0 | 200 | 4.59 | |

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 07/30/2015
 Reported: 08/05/2015
 Project Name: HAWK B -3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 07/30/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: WEST WALL (H501982-02)**BTEX 80218****mg/kg****Analyzed By: MS**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Benzene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.92 | 96.2 | 2.00 | 0.311 | |
| Toluene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.95 | 97.4 | 2.00 | 0.357 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/04/2015 | ND | 2.10 | 105 | 2.00 | 0.478 | |
| Total Xylenes* | <0.150 | 0.150 | 08/04/2015 | ND | 5.55 | 92.4 | 6.00 | 0.104 | |
| Total BTEX | <0.300 | 0.300 | 08/04/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 85.6-137

Chloride, SM4500Cl-B**mg/kg****Analyzed By: AP**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Chloride | 176 | 16.0 | 08/03/2015 | ND | 400 | 100 | 400 | 3.92 | |

TPH 8015M**mg/kg****Analyzed By: MS**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10 | <10.0 | 10.0 | 07/31/2015 | ND | 202 | 101 | 200 | 3.18 | |
| DRO >C10-C28 | 64.9 | 10.0 | 07/31/2015 | ND | 182 | 91.0 | 200 | 4.59 | |

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 07/30/2015
 Reported: 08/05/2015
 Project Name: HAWK B -3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 07/30/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SOUTH WALL (H501982-03)**BTEX 8021B****mg/kg****Analyzed By: MS**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Benzene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.92 | 96.2 | 2.00 | 0.311 | |
| Toluene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.95 | 97.4 | 2.00 | 0.357 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/04/2015 | ND | 2.10 | 105 | 2.00 | 0.478 | |
| Total Xylenes* | <0.150 | 0.150 | 08/04/2015 | ND | 5.55 | 92.4 | 6.00 | 0.104 | |
| Total BTEX | <0.300 | 0.300 | 08/04/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 85.6-137

Chloride, SM4500Cl-B**mg/kg****Analyzed By: AP**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Chloride | 368 | 16.0 | 08/03/2015 | ND | 400 | 100 | 400 | 3.92 | |

TPH 8015M**mg/kg****Analyzed By: MS**

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10 | <10.0 | 10.0 | 07/31/2015 | ND | 202 | 101 | 200 | 3.18 | |
| DRO >C10-C28 | 35.9 | 10.0 | 07/31/2015 | ND | 182 | 91.0 | 200 | 4.59 | |

Surrogate: 1-Chlorooctane 111 % 47.2-157

Surrogate: 1-Chlorooctadecane 120 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 07/30/2015
 Reported: 08/05/2015
 Project Name: HAWK B-3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 07/30/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: EAST SURFACE (H501982-04)

| BTEX 80218 | | mg/kg | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.92 | 96.2 | 2.00 | 0.311 | |
| Toluene* | <0.050 | 0.050 | 08/04/2015 | ND | 1.95 | 97.4 | 2.00 | 0.357 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/04/2015 | ND | 2.10 | 105 | 2.00 | 0.478 | |
| Total Xylenes* | <0.150 | 0.150 | 08/04/2015 | ND | 5.55 | 92.4 | 6.00 | 0.104 | |
| Total BTEX | <0.300 | 0.300 | 08/04/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 85.6-137

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 08/03/2015 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
|--------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <50.0 | 50.0 | 07/31/2015 | ND | 202 | 101 | 200 | 3.18 | |
| DRO >C10-C28 | <50.0 | 50.0 | 07/31/2015 | ND | 182 | 91.0 | 200 | 4.59 | |

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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Page 7 of 7



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August 26, 2015

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: HAWK B -3 #9

Enclosed are the results of analyses for samples received by the laboratory on 08/20/15 10:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 08/20/2015
 Reported: 08/26/2015
 Project Name: HAWK B -3 #9
 Project Number: NONE GIVEN
 Project Location: HAWK B-3 #9

Sampling Date: 08/20/2015
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Judy Garcia

Sample ID: SOUTH WALL (H502191-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Chloride | <16.0 | 16.0 | 08/21/2015 | ND | 432 | 108 | 400 | 7.69 | |

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 4 of 4

+ Cardinal cannot accept verbal changes. Please fax written changes to (678) 393-2226

Apache Hawk B-3 # 9 Photo Page



Photo of Excavation



Photo of Liner Installed



Photo of Backfilling Excavation to 4 feet



Photo of Padding Excavation



Photo of Backfilling 4 Foot Liner



Photo of Site Complete

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

☐ Initial Report ☒ Final Report

| | |
|--|------------------------------|
| Name of Company: Apache Corporation | Contact Bruce Baker |
| Address: 2350 W Marland Blvd Hobbs, NM 88240 | Telephone No. (432) 631-6982 |
| Facility Name Hawk B-3 # 9 | Facility Type: Oil Well |

| | | |
|------------------------------|-------------------|----------------------|
| Surface Owner Farmer Raymond | Mineral Owner BLM | API No. 30-025-06501 |
|------------------------------|-------------------|----------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|--------------|-----------------|--------------|------------------------|-------------------------|------------------------|-----------------------|---------------|
| Unit Letter R | Section 3 | Township 21S | Range 37E | Feet from the 1650' | North/South Line FSL | Feet from the 1650' | East/West Line FEL | County Lea |
|------------------|--------------|-----------------|--------------|------------------------|-------------------------|------------------------|-----------------------|---------------|

Latitude N32.50517 Longitude W103.14773

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release: oil and produced water | Volume of Release 26 barrels of oil 54 barrel of water | Volume Recovered 25 barrels of oil and 50 barrels of water |
| Source of Release: flow- line | Date and Hour of Occurrence 2/16/2015 | Date and Hour of Discovery 2/16/2015 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Dr. Oberding (NMOCD) | |
| By Whom? Bruce Baker | Date and Hour 2/17/2015 via email | |
| 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.*

The flow line ruptured. The well was shut in and a vacuum truck was dispatched to pick-up standing fluid. The flow line was repaired

Describe Area Affected and Cleanup Action Taken.* The entire release was contained inside a 20'X20'X3' bell hole in the pasture. The site was delineated and a corrective action plan was submitted to NMOCD and BLM on 6/15/2015. The plan stated that a liner be installed at a depth of 22 feet and backfilled with blended material to a depth of 4 feet and place a second liner at 4 feet and backfill the excavation and contour to the surrounding area. On April 1, 2015 the site was seeded with a blend of native vegetation. Apache Corporation has completed in accordance with the approved corrective action plan and respectively request termination.

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: <u>Bruce Baker</u> | | OIL CONSERVATION DIVISION | |
| Printed Name: Bruce Baker | | Approved by Environmental Specialist: <u>Ashley Maxwell</u> | |
| Title: Environmental Technician | | Approval Date: 1/05/2023 | Expiration Date: |
| E-mail Address: larry.baker@apachecorp.com | | Conditions of Approval: | |
| Date: 11/28/2016 | Phone: (432) 631-6982 | Attached <input type="checkbox"/> | |

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 172877

CONDITIONS

| | |
|---|--|
| Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705 | OGRID: 873 |
| | Action Number: 172877 |
| | Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| amaxwell | None | 1/5/2023 |