

HOBBS OCD

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

APR 03 2014

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|--|------------------------------|
| Name of Company Apache Corporation | Contact Bruce Baker |
| Address 8 Ellison Lane, Eunice, NM 88231 | Telephone No. (432) 631-6982 |
| Facility Name WBDU #12 | Facility Type Oil Well |
| Surface Owner Millard Deck Est. | Mineral Owner |
| API No. 30-025-36340 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| B | 9 | 21S | 37E | 1210' | FNL | 1470' | FEL | Lea |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release Oil and Produced Water | Volume of Release 3 barrels of oil and 5 barrels of water | Volume Recovered 3 barrels of oil and 4 barrels of produced water |
| Source of Release Flow Line | Date and Hour of Occurrence | Date and Hour of Discovery 1-7-14 @ 9:00 a.m. |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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.*

Due to inclement weather, the poly flow line ruptured on the well pad. The well was shut in and a vacuum truck was dispatched to recover fluid. The line was repaired.

Describe Area Affected and Cleanup Action Taken.* A total of 1,959 square feet of lease pad was affected by the release. RECS personnel were on site beginning on January 7th, 2014 to assess the release. The release was GPS mapped and photographed. On January 10th, 2014, a vertical was installed in the release area to a depth of 4 ft bgs. Samples were taken every 6 inches and field tested for chlorides and organic vapors. Representative samples from the vertical were taken to a commercial laboratory for analysis. A Corrective Action Plan (CAP) was sent to NMOCD on January 31st, 2014 and approved on February 5th, 2014. CAP work began at the site on February 10th, 2014. The area was line spotted using a hydrovac to prevent line strikes. The release area was excavated 3.5 ft bgs and 386 yards of contaminated soil was taken to a NMOCD approved facility for disposal. A total of 348 yards of clean caliche was imported to the site to serve as backfill. The site was backfilled and contoured to the surrounding pad.

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: <i>Bruce Baker</i> | Approved by Environmental Specialist <i>Jerry Baker</i> | |
| Printed Name: Bruce Baker | Environmental Specialist | |
| Title: Environmental Technician | Approval Date: 04/03/14 | Expiration Date: - |
| E-mail Address: jerry.baker@apachecorp.com | Conditions of Approval: - | Attached <input type="checkbox"/> |
| Date: 3-14-14 Phone: (432) 631-6982 | IRP-02-14-3016 | |

* Attach Additional Sheets If Necessary

JUN 7 2014



EXPLORING WHAT'S POSSIBLE

HOBBS OCD

APR 03 2014

RECEIVED

APACHE CORPORATION

P.O.Box 1849
Eunice, NM 88231
Phone 575.394.3159

WBDU #12

Termination Request

approved
Jeffrey Sekim
Environmental Specialist
NMOLD-DIST 1
4/03/14

API 30-025-36340

Discovery Date: January 7th, 2014

Unit Letter B, Section 9, Township 21S, Range 37E

Rice Environmental Consulting & Safety

P.O. Box 2948, Hobbs, NM 88241

Phone 575.393.2967

March 6th, 2014

Geoffrey Leking

New Mexico Energy, Minerals, & Natural Resources

Oil Conservation Division, Environmental Bureau – District 1

1625 N. French Dr.

Hobbs, NM 88240-9273

RE: Termination Request

Apache Corporation – WBDU #12

UL/B sec. 9 T21S R37E

API No. 30-025-36340

Mr. Leking:

Apache Corporation (Apache) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 3.7 miles north of Eunice, New Mexico at UL/B sec. 9 T21S R37E. NM OSE and BLM records indicate that groundwater will likely be encountered at a depth of approximately 67 +/- feet.

On January 7th, 2014, Apache discovered a release on the well pad from a poly flow line. The poly line released a total of 3 barrels of oil and 5 barrels of produced water over 1,959 square feet of lease pad. The well was shut in and a vacuum truck was called to the site and recovered 3 barrels of oil and 4 barrels of produced water. Apache sent an initial C-141 to NMOCD on January 29th, 2014, for their approval (Appendix A).

RECS personnel were on site beginning on January 7th, 2014 to assess the release. The release was GPS mapped and photographed. On January 10th, 2014, a vertical was installed in the release area to a depth of 4 ft bgs (Figure 1). Samples were taken every 6 inches and field tested for chlorides and organic vapors. Representative samples from the vertical were taken to a commercial laboratory for analysis (Appendix B). Laboratory chloride values dropped to below 250 mg/kg starting at 3.5 ft bgs with a reading of 112 mg/kg at 3.5 ft bgs and a reading of 192 mg/kg at 4 ft bgs. Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) were below regulatory standards at all depths.

A Corrective Action Plan (CAP) was sent to NMOCD on January 31st, 2014 and approved on February 5th, 2014. Based on the vertical laboratory readings the CAP recommended that the site be excavated to a depth of 3.5 ft bgs. The excavation would remain away from the wellhead for safety reasons. The excavated soil would be taken to a NMOCD approved facility for disposal. Clean soil would be imported to the site to serve as backfill and the site will be contoured to the surrounding location.

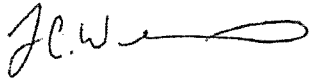
CAP work began at the site on February 10th, 2014. The area was line spotted using a hydrovac to prevent line strikes. The release area was excavated 3.5 ft bgs and 386 yards of contaminated soil was taken to a NMOCD approved facility for disposal (Figure 2). A total of 348 yards of clean caliche was imported to the site to serve as backfill. The site was backfilled and contoured to the surrounding pad.

Photo documentation of all activities can be found in Appendix C.

Given that the corrective actions are completed as approved by NMOCD, Apache respectfully requests 'remediation termination' and closure of the site. A final C-141 for the site can be found in Appendix D.

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,

A handwritten signature in black ink, appearing to read 'J.C. Weinheimer', with a long horizontal flourish extending to the right.

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

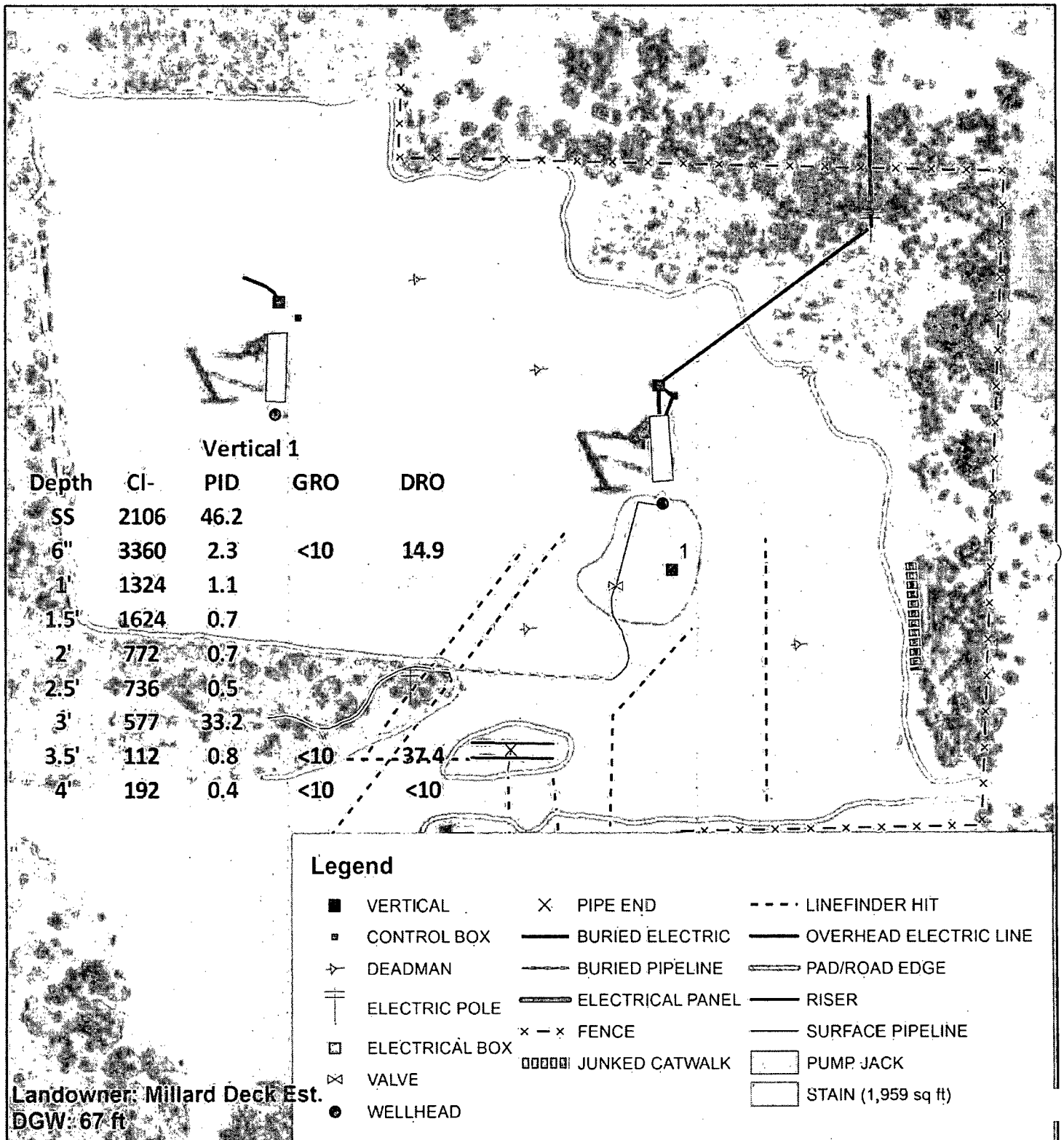
Attachments:

- Figure 1 – Vertical Data
- Figure 2 – Excavation Data
- Appendix A – Initial C-141
- Appendix B – Initial Sampling Lab
- Appendix C – Photo documentation
- Appendix D – Final C-141

Figures

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

Vertical Data



APACHE
WBDU #12
 LEGALS: UL/B sec. 9
 T-21-S R-37-E
 LEA COUNTY, NM

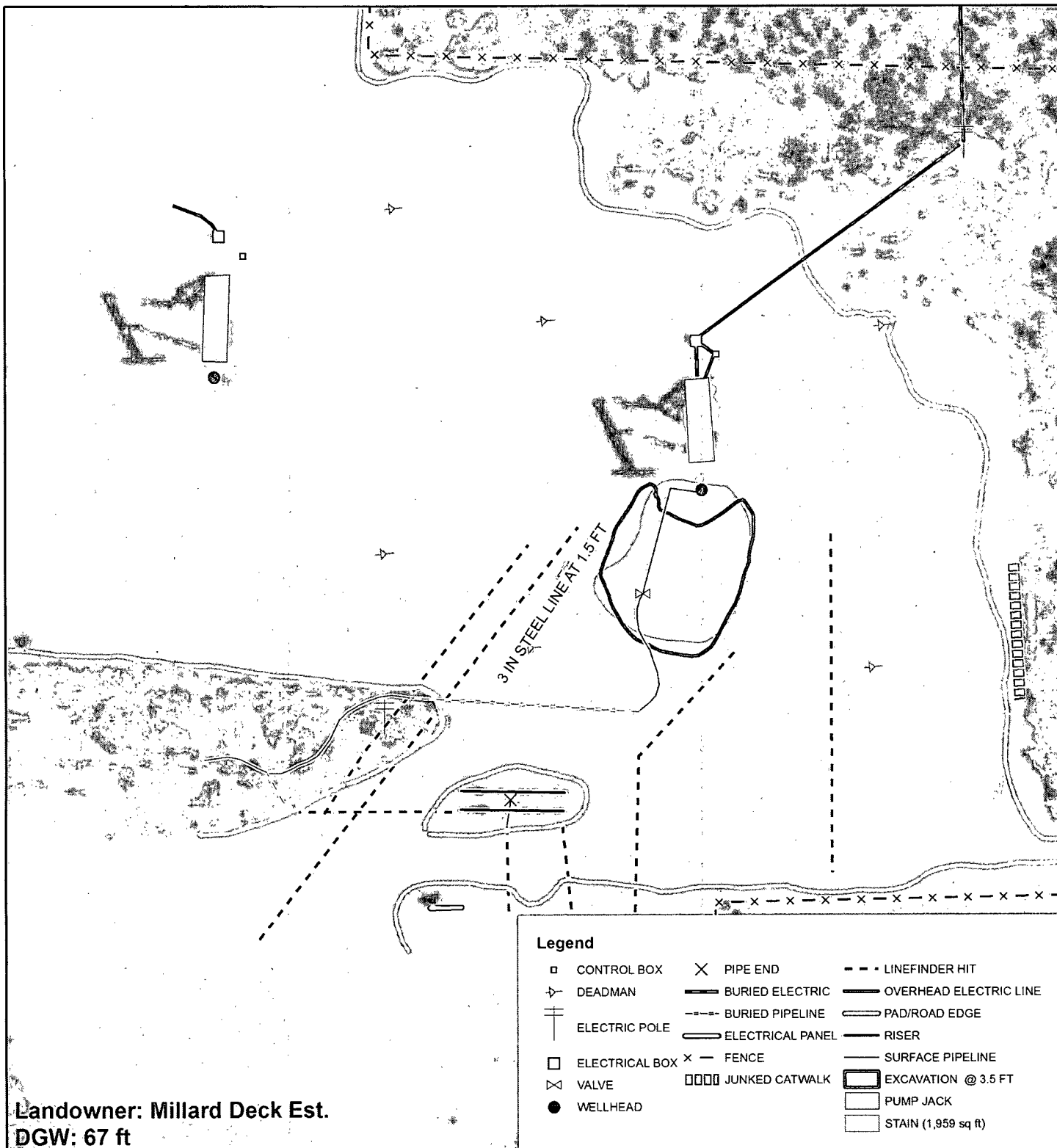
Figure 1



0 30 60
 Feet

GPS date: 1/10/14 AG
 Drawing date: 1/14/14.
 Drafted by: L. Weinheimer

Excavation Data

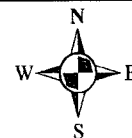


Landowner: Millard Deck Est.
DGW: 67 ft



APACHE
WBDU #12
LEGALS: UL/B sec. 9
T-21-S R-37-E
LEA COUNTY, NM

Figure 2



0 30 60
Feet

GPS date: 1/10/14 AG
Drawing date: 1/14/14
Drafted by: L. Weinheimer

Appendix A

Initial C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
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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 | 8 Ellison Lane Eunice, NM 88231 | Telephone No. | (432) 631-6982 |
| Facility Name | WBDU # 12 | Facility Type | Oil Well |
| Surface Owner | Millard Deck Estates | Mineral Owner | |
| | | API No. | 30-025-36340 |

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| B | 9 | 21S | 37E | 1210' | FNL | 1470' | FEL | Lea |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|--|----------------------------|--|
| Type of Release | Oil and Produced Water | Volume of Release | 3 barrels of oil and 5 barrels of water. | Volume Recovered | 3 barrels of oil and 4 barrels of produced water |
| Source of Release | Flow Line | Date and Hour of Occurrence | | Date and Hour of Discovery | 1-7-14 @ 9:00 a.m. |
| Was Immediate Notice Given? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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.*

Due to inclement weather the poly flow line ruptured on the well pad. The well was shut in and a vacuum truck was dispatched to recover fluid. The line was repaired.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck recovered 7 barrels of total fluid. The site was mapped and surface samples collected. On 1/10/2014 a vertical was excavated to 4 ft. below ground surface and samples collect and taken to a commercial laboratory for analysis for chloride and TPH. A corrective action plan will be submitted to NMOCD.

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: | |
| Title: Environmental Technician | | Approval Date: | Expiration Date: |
| E-mail Address: larry.baker@apachecorp.com | | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 1/29/14 Phone: (432) 631-6982 | | | |

* Attach Additional Sheets If Necessary

Appendix B

Initial Sampling Lab

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967



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

January 21, 2014

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: WBDU #12

Enclosed are the results of analyses for samples received by the laboratory on 01/10/14 16:10.

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

Analytical Results For:

 APACHE - EUNICE
 BRUCE BAKER
 P. O. BOX 1849
 EUNICE NM, 88231
 Fax To: 394-2425

 Received: 01/10/2014
 Reported: 01/21/2014
 Project Name: WBDU #12
 Project Number: NOT GIVEN
 Project Location: T21S R37E

 Sampling Date: 01/10/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: VERTICAL 1 @ 6" (H400097-01)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3360 | 16.0 | 01/17/2014 | ND | 432 | 108 | 400 | 7.14 | |
| 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 | 01/14/2014 | ND | 209 | 105 | 200 | 6.89 | |
| DRO >C10-C28 | 14.9 | 10.0 | 01/14/2014 | ND | 233 | 116 | 200 | 1.72 | |
| Surrogate: 1-Chlorooctane | | | | | | | | | |
| | 68.0 % | 65.2-140 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | | | | | | | | | |
| | 84.1 % | 63.6-154 | | | | | | | |

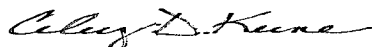
Sample ID: VERTICAL 1 @ 3.5' (H400097-02)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|-------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 01/17/2014 | ND | 432 | 108 | 400 | 7.14 | |
| 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 | 01/14/2014 | ND | 209 | 105 | 200 | 6.89 | |
| DRO >C10-C28 | 37.4 | 10.0 | 01/14/2014 | ND | 233 | 116 | 200 | 1.72 | |
| Surrogate: 1-Chlorooctane | | 89.8 % | 65.2-140 | | | | | | |
| Surrogate: 1-Chlorooctadecane | | 116 % | 63.6-154 | | | | | | |

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

Analytical Results For:

APACHE - EUNICE
BRUCE BAKER
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425

Received: 01/10/2014
Reported: 01/21/2014
Project Name: WBDU #12
Project Number: NOT GIVEN
Project Location: T21S R37E

Sampling Date: 01/10/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: VERTICAL 1 @ 4' (H400097-03)

| Chloride, SM4500CI-B | | | mg/kg | | Analyzed By: AP | | | | |
|----------------------|--------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 01/17/2014 | ND | 432 | 108 | 400 | 7.14 | |
| 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 | 01/14/2014 | ND | 209 | 105 | 200 | 6.89 | |
| DRO >C10-C28 | <10.0 | 10.0 | 01/14/2014 | ND | 233 | 116 | 200 | 1.72 | |

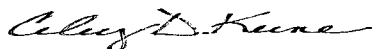
Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

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

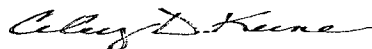
Notes and Definitions

| | |
|-----|--|
| 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.



Celest D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

| | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|--|----------------------------------|--|---------------------------------|------------|--|-----|---|--------|----------------|------------|------|--|------|--|--------|--|
| Company Name: <u>Apex</u> | | | | BILL TO: <u>Apex</u> | | | | ANALYSIS REQUEST | | | | | | | | | | | |
| Project Manager: <u>Bruce Baker</u> | | | | P.O. #: | | | | <div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div> | | | | | | | | | | | |
| Address: | | | | Company: | | | | | | | | | | | | | | | |
| City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> | | | | Attn: | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | | | Address: | | | | | | | | | | | | | | | |
| Project #: Project Owner: | | | | City: | | | | | | | | | | | | | | | |
| Project Name: <u>WBDU #12</u> | | | | State: Zip: | | | | | | | | | | | | | | | |
| Project Location: <u>T215 B37E</u> | | | | Phone #: | | | | | | | | | | | | | | | |
| Sampler Name: <u>Ambry Groves</u> | | | | Fax #: | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY: | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. * | | GIRAB OR (C)OMP. # CONTAINERS | | MATRIX | | | | PRESERV | | SAMPLING | | DATE | | TIME | | | |
| | | | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACIDBASE | ICE / COOL | | | | | OTHER: | |
| <u>H400097</u> | | | | | | | | | | | | | | | | | | | |
| <u>1 Vert 1 @ 6"</u> | | | | | | | | | | | | | | | | | | | |
| <u>2 Vert 1 @ 35' ft</u> | | | | | | | | | | | | | | | | | | | |
| <u>3 Vert 1 @ 44' ft</u> | | | | | | | | | | | | | | | | | | | |
| <small>PLEASE NOTE: Liability and Damages, Cardinal's liability and owner's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 30 days after completion of the applicable service. To no extent shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profit incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small> | | | | | | | | | | | | | | | | | | | |
| Relinquished By: <u>Amber Groves</u> | | | | Date: <u>1-10-13</u> | | Received By: <u>Jodi Jensen</u> | | | | Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Phone #: | | | | | | | |
| | | | | Time: <u>4:10</u> | | | | | | Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Add'l Fax #: | | | | | | | |
| Relinquished By: | | | | Date: | | Received By: | | | | REMARKS: | | | | | | | | | |
| | | | | Time: | | | | | | email results | | | | | | | | | |
| Delivered By: (Circle One) | | | | Sample Condition | | CHECKED BY: | | | | knorman@rice-ecs.com hconder@rice-ecs.com; | | | | | | | | | |
| Sampler - UPS - Bus - Other: | | | | Cool Intact | | <u>EA</u> | | | | Lweinheimer@rice-ecs.com; kjones@riceswd.com; | | | | | | | | | |
| | | | | Yes No | | | | | | Lpena@riceswd.com; sedwards@rice-ecs.com | | | | | | | | | |
| | | | | Yes No | | | | | | agroves@rice-ecs.com | | | | | | | | | |

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2475

* Changed as per Larc. 1/21/14 Ch

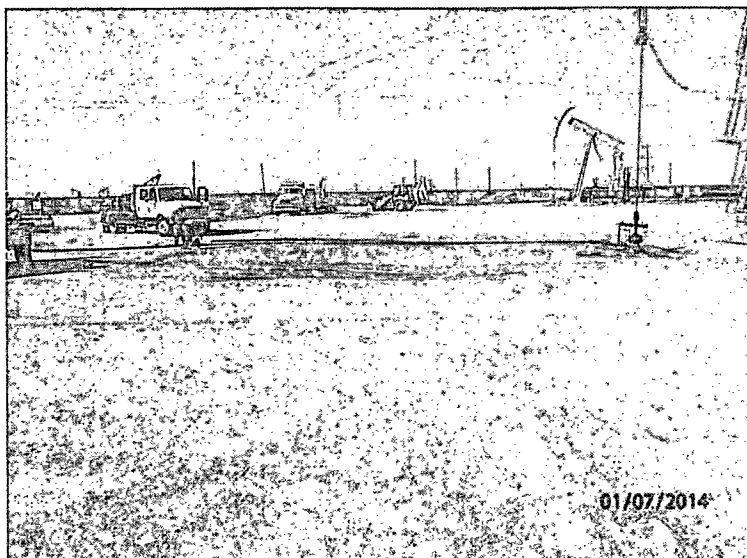
Appendix C

Photo Documentation

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

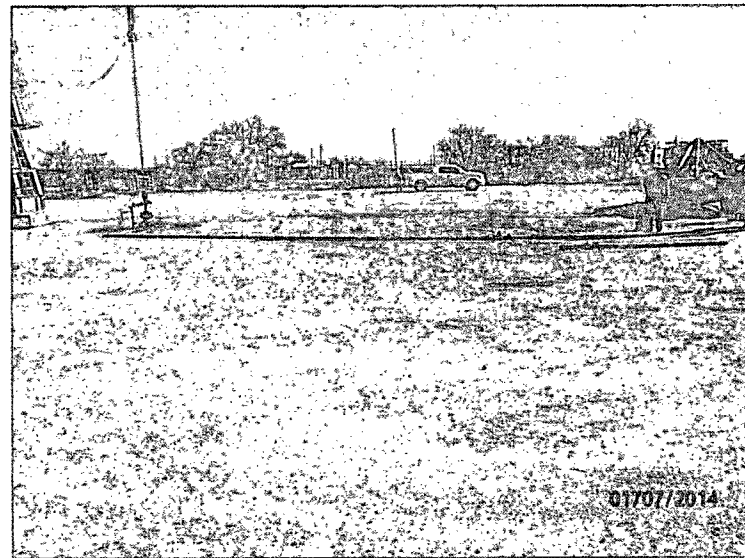
Apache WBDU #12

Unit Letter B, Section 9, T21S, R37E



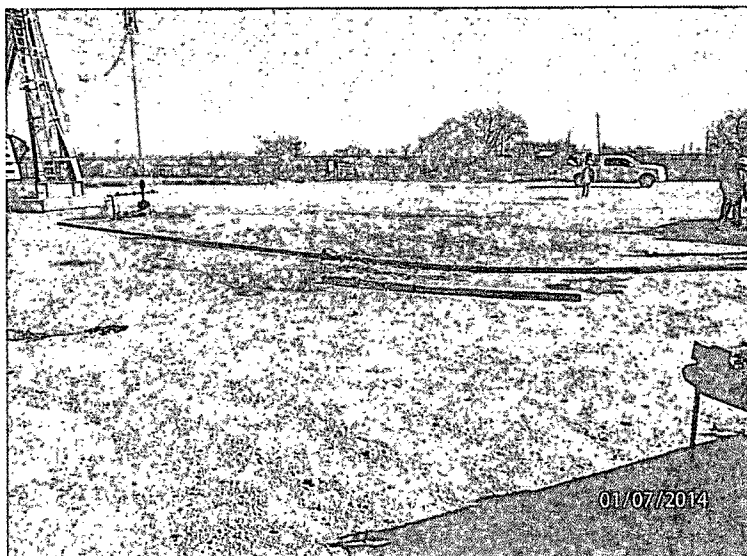
Initial release photo, facing west

1/7/14



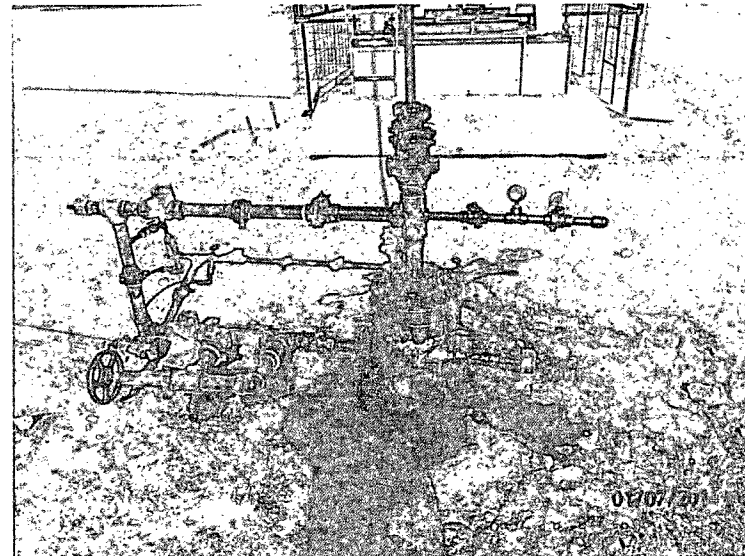
Initial release photo, facing east

1/7/14



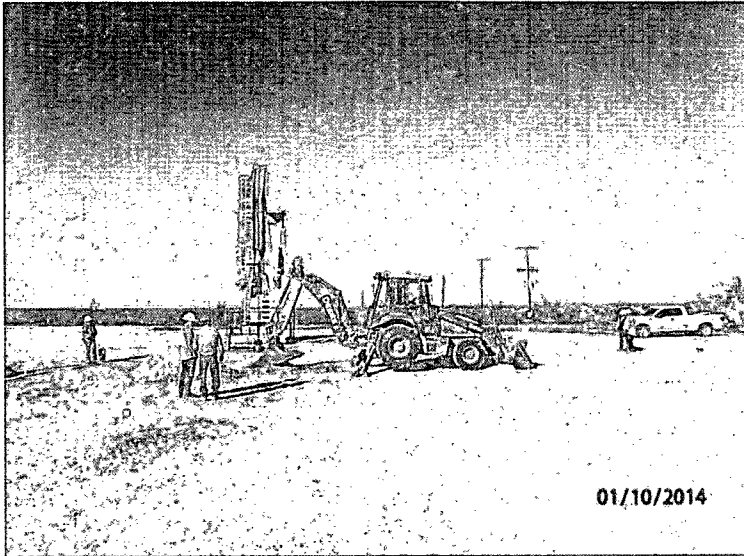
Initial release area, facing northeast

1/7/14

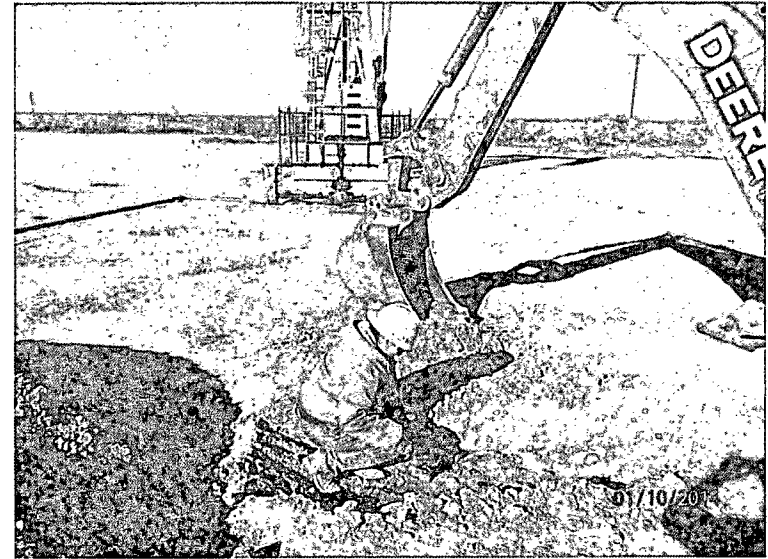


Source of release, facing north

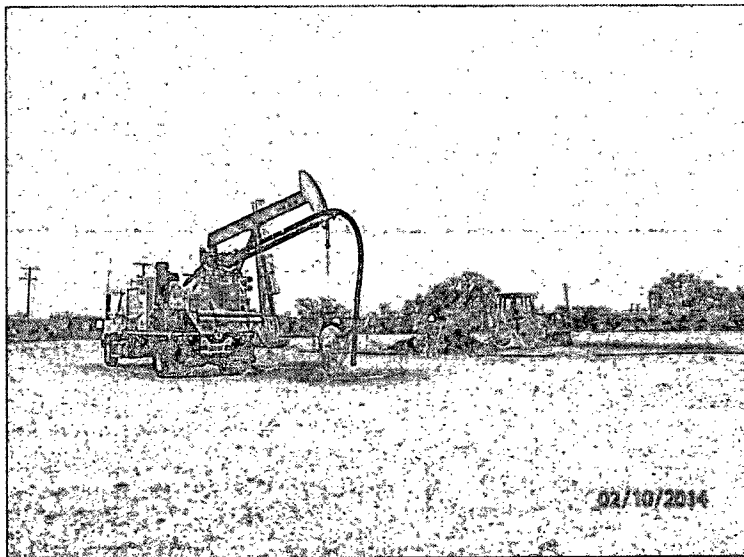
1/7/14



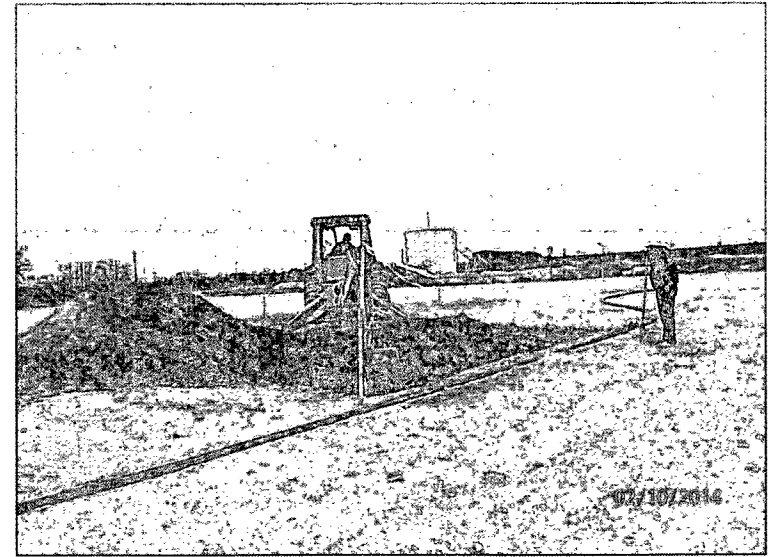
Installing vertical at the site, facing north 1/10/14



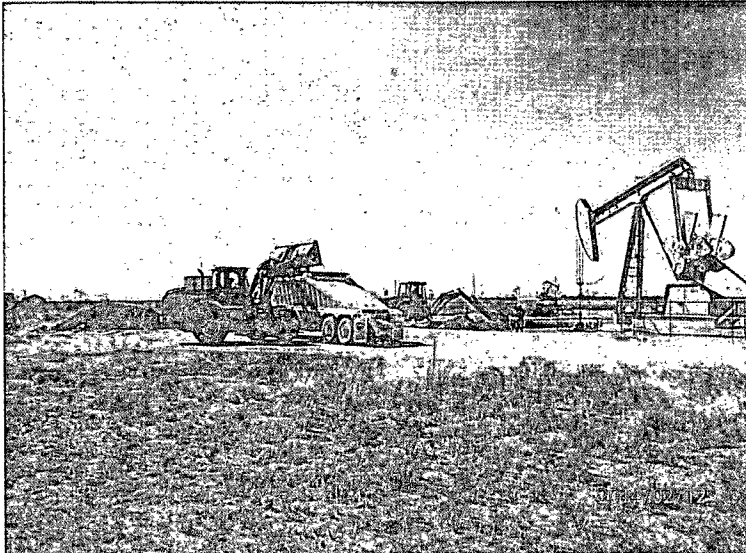
Sampling the vertical, facing north 1/10/14



Line spot using a hydrovac, facing northeast 2/10/14

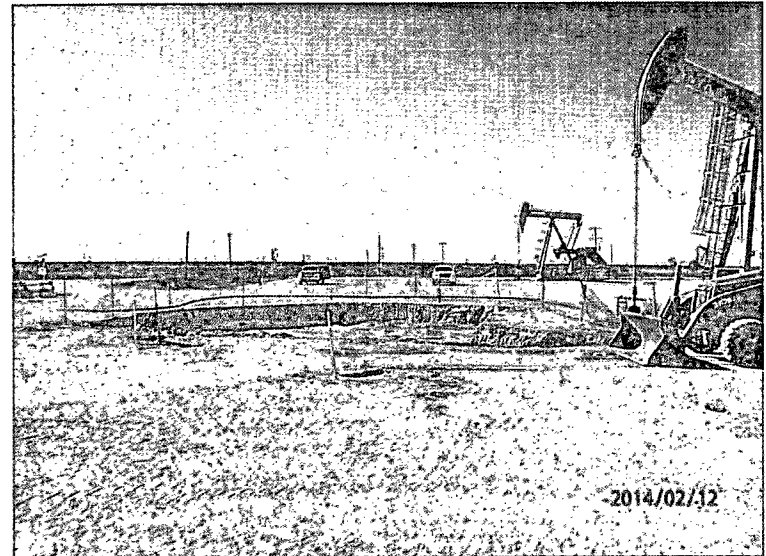


Excavating site, facing southeast 2/10/14



Exporting soil, facing southwest

2/12/14



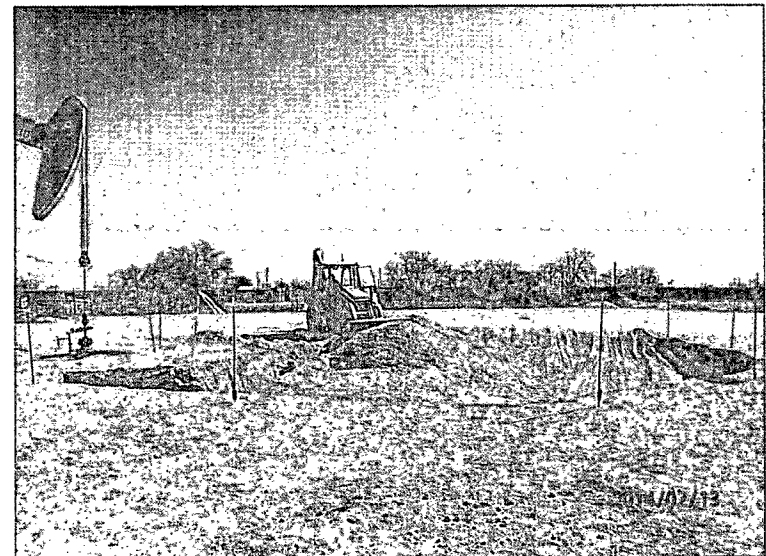
Excavation completed, facing west

2/2/14



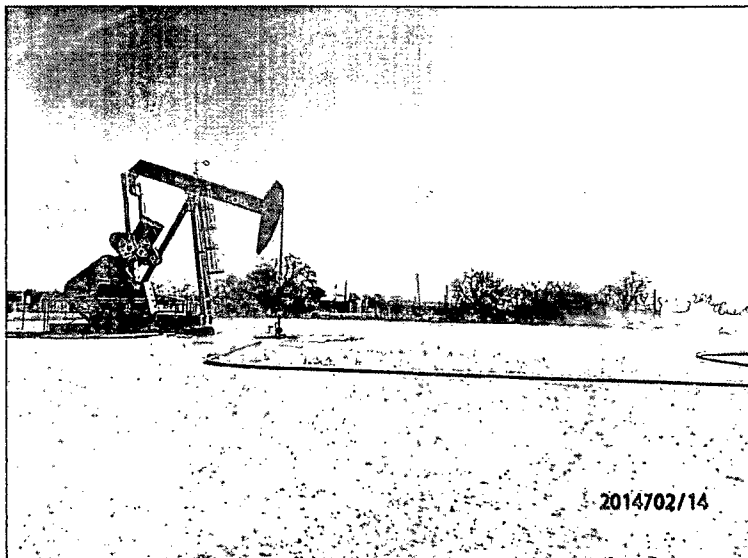
Importing soil, facing southeast

2/13/14



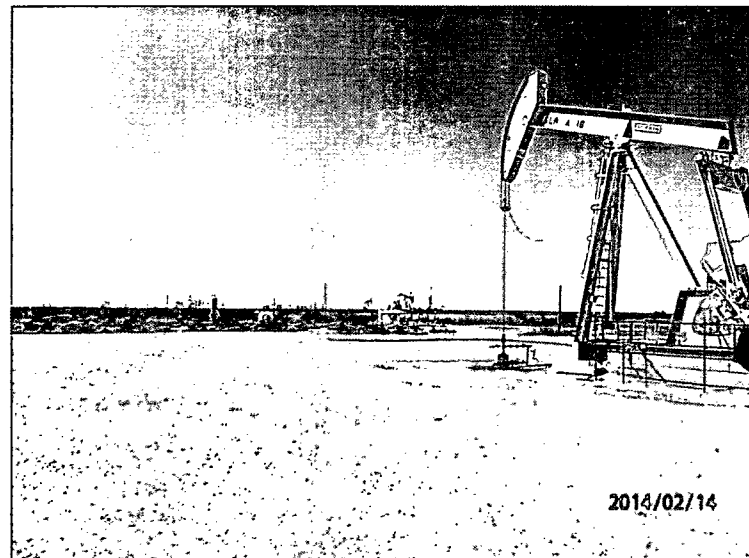
Backfilling site, facing east

2/13/14



Site completed, facing east

2/14/14



Site completed, facing southwest

2/14/14

Appendix D

Final C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

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

APR 03 2014

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|--|------------------------------|
| Name of Company Apache Corporation | Contact Bruce Baker |
| Address 8 Ellison Lane, Eunice, NM 88231 | Telephone No. (432) 631-6982 |
| Facility Name WBDU #12 | Facility Type Oil Well |

| | | |
|---------------------------------|---------------|----------------------|
| Surface Owner Millard Deck Est. | Mineral Owner | API No. 30-025-36340 |
|---------------------------------|---------------|----------------------|

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| B | 9 | 21S | 37E | 1210' | FNL | 1470' | FEL | Lea |

Latitude _____ Longitude _____

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release Oil and Produced Water | Volume of Release 3 barrels of oil and 5 barrels of water | Volume Recovered 3 barrels of oil and 4 barrels of produced water |
| Source of Release Flow Line | Date and Hour of Occurrence | Date and Hour of Discovery 1-7-14 @ 9:00 a.m. |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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.*

Due to inclement weather, the poly flow line ruptured on the well pad. The well was shut in and a vacuum truck was dispatched to recover fluid. The line was repaired.

Describe Area Affected and Cleanup Action Taken.* A total of 1,959 square feet of lease pad was affected by the release. RECS personnel were on site beginning on January 7th, 2014 to assess the release. The release was GPS mapped and photographed. On January 10th, 2014, a vertical was installed in the release area to a depth of 4 ft bgs. Samples were taken every 6 inches and field tested for chlorides and organic vapors. Representative samples from the vertical were taken to a commercial laboratory for analysis. A Corrective Action Plan (CAP) was sent to NMOCD on January 31st, 2014 and approved on February 5th, 2014. CAP work began at the site on February 10th, 2014. The area was line spotted using a hydrovac to prevent line strikes. The release area was excavated 3.5 ft bgs and 386 yards of contaminated soil was taken to a NMOCD approved facility for disposal. A total of 348 yards of clean caliche was imported to the site to serve as backfill. The site was backfilled and contoured to the surrounding pad.

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: <i>Bruce Baker</i> | Approved by Environmental Specialist <i>Larry Baker</i> Environmental Specialist | |
| Printed Name: Bruce Baker | Approval Date: 04/03/14 | Expiration Date: - |
| Title: Environmental Technician | Conditions of Approval: - | |
| E-mail Address: larry.baker@apachecorp.com | Attached <input type="checkbox"/> IRP-02-14-3016 | |
| Date: 3-14-14 Phone: (432) 631-6982 | | |

* Attach Additional Sheets If Necessary