### State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1000 0 

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

|  |                      | Rele           | ease Notific           | ation          | and Co  | orrective A              | ction      |                         |             |             |             |
|--|----------------------|----------------|------------------------|----------------|---|--------------------------|------------|-------------------------|-------------|-------------|-------------|
|  |                      |                |                        |                | <b>OPERA</b>  |                          | Г          | Initial I               | Report      | $\boxtimes$ | Final Repor |
| Name of Compan                           | y OXY USA            | INC            |                        |                | Contact CASEY L SUMMERS   |                          |            |                         |             |             |             |
|  | OX 4294; HOU         | STON, TX       | 77210                  | -              | Felephone M   | No. 575-513-8            | 3289       | _                       |             |             |             |
| Facility Name                            | Red Tank 34 Fe       | deral #2 C     | ТВ                     |                | Facility Typ  | e BATTERY                |            |                         |             |             |             |
| Surface Owner                            | BLM                  |                | Mineral C              | wner           | BLM   |                          |            | API No.                 | 30-025      | -3193       | 2           |
|  |                      |                | LOCA                   | TION           | N OF REI  | LEASE                    |            |                         |             |             |             |
| Unit Letter Sect                         | tion Township        | Range          | Feet from the          | North/         | South Line  | Feet from the            | East/We    | st Line                 |             | Coun        | ty          |
| Н 3-                                     | 4 228                | 32E            | 330                    | N              | ORTH  | 2010                     | EAS        | ST                      |             | LEA         | 4           |
|  |                      | Latit          | ude_ <u>N 32.349</u> 5 | 5 <u>9°</u> La | ongitudeV   | <u>103.6557°</u> N       | VAD83      |                         |             |             |             |
|  |                      |                | NAT                    | URE            | OF REL  | EASE                     |            |                         |             |             |             |
|  | Produced water       |                |                        |                | Volume of Release 15 bbls                                       |                          |            | Volume Recovered 0 bbls |             |             |             |
| Source of Release                        |                      | ' steel tee or | the water transfer     |                | Date and Hour of OccurrenceDate and Hour of Discovery05/02/2016 |                          |            |                         |             |             |             |
| Was Immediate No                         |                      | Yes 🗆          | No 🗌 Not R             | equired        | If YES, To<br>Jamie Keye  | Whom?<br>s-NMOCD, Shelly | / Tucker-B | LM                      |             |             |             |
| By Whom? Kat                             | thy Purvis @ BBC     | Internationa   | l Inc.                 |                | Date and H  | lour 05/02/2010          | 6 @ 4:06 r | om                      |             |             |             |
| Was a Watercourse                        |                      |                |                        |                | If YES, Volume Impacting the Watercourse.                       |                          |            |                         |             |             |             |
|  | L                    | Yes 🛛          | No                     |                |   |                          |            |                         |             |             |             |
| If a Watercourse w                       | as Impacted, Desc    | ribe Fully.    | k                      |                |   |                          |            |                         |             |             |             |
|  |                      |                |                        |                |   |                          |            |                         |             |             |             |
|  |                      |                |                        |                |   |                          |            |                         |             |             |             |
| Describe Cause of                        | Duchlass and Dam     |                | - T-l *                |                |   |                          |            |                         |             |             |             |
| Jescribe Cause of                        | Problem and Rem      | edial Actio    | n Taken.⊤              |                |   |                          |            |                         |             |             |             |
| Corrosion of a 2" ste                    | eel tee on the water | transfer pu    | mp line caused 15      | bbls of pi     | roduced water   | to leak. No fluids       | were recov | vered and th            | e tee was r | eplace      | d.          |
| Describe Area Affe                       | ected and Cleanup    | Action Tal     | ken.*                  |                |   |                          |            |                         |             |             |             |
| The affected area is approved for the re |                      |                |                        |                |   |                          |            |                         |             | emedia      | tion plan   |

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:                                   |                                | vialist Buttany Hall |  |  |  |  |  |
| Printed Name: CASEY L SUMMERS                | Approved by Environmental Spec | cialist:             |  |  |  |  |  |
| Title: ENVIRONMENTAL ADVISOR                 | Approval Date: 4/4/2023        | Expiration Date: N/A |  |  |  |  |  |
| E-mail Address: <u>casey_summers@oxy.com</u> | Conditions of Approval:        | Attached             |  |  |  |  |  |
| Date: 5-3 - 7 Phone: 575-513-8289            | none                           |                      |  |  |  |  |  |
| * Attach Additional Sheets If Necessary      |                                |                      |  |  |  |  |  |

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| Site Description   |                               |  |  |  |  |  |  |
|--------------------|-------------------------------|--|--|--|--|--|--|
| Site Name:         | Red Tank 34 Federal #2 CTB    |  |  |  |  |  |  |
| Company:           | Oxy Permian Ltd.              |  |  |  |  |  |  |
| Legal Description: | U/L H, Section 34, T22S, R32E |  |  |  |  |  |  |
| County:            | Lea County, NM                |  |  |  |  |  |  |
| GPS Coordinates:   | N 32.34959° W 103.65571°      |  |  |  |  |  |  |

## **Release Data**

| Date of Release:   | 05/02/2016  |
|--------------------|---|
| Type of Release:   | Produced water  |
| Source of Release: | Corrosion of a 2" steel tee on the water transfer pump line |
| Volume of Release: | 15 bbls   |
| Volume Recovered:  | 0 bbls  |

| Remediation Specifications |   |   |  |  |  |  |  |  |  |
|----------------------------|---|---|--|--|--|--|--|--|--|
| Remediation<br>Parameters: | Excavate to a depth of 3 feet in the areas of SP1, SP2, SP3, and SP4. Then, place a liner in the excavation. Surface scrape the area around SP5. Backfill the site with clean soil. Re-seed the disturbed area. |   |  |  |  |  |  |  |  |
| Remediation Activities:    | May 2016  |   |  |  |  |  |  |  |  |
| Plan Sent to OCD:          | 09/23/2016  | Email from Cliff Brunson to Kristen Lynch |  |  |  |  |  |  |  |
| OCD Approval of Plan:      | 09/27/2016  | Email from Kristen Lynch to Cliff Brunson |  |  |  |  |  |  |  |
| Plan Sent to SLO:          | 09/23/2016  | Email from Cliff Brunson to Shelly Tucker |  |  |  |  |  |  |  |
| SLO Approval of Plan:      | 10/04/2016  | Email from Shelly Tucker to Cliff Brunson |  |  |  |  |  |  |  |

|                  | Supporting Documentation                           |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|--|
| Initial C-141    | Signed 05/10/2016                                  |  |  |  |  |  |  |  |
| Final C-141      | Upon Completion                                    |  |  |  |  |  |  |  |
| Site Diagram     | May 2016   |  |  |  |  |  |  |  |
| Groundwater Plot | 450'   |  |  |  |  |  |  |  |
| TOPO Maps        | May 2016   |  |  |  |  |  |  |  |
| Lab Summary      | 05/13/2016-05/24/2016                              |  |  |  |  |  |  |  |
| Lab Analysis     | 05/13/2016-05/24/2016                              |  |  |  |  |  |  |  |
| Correspondence   | Request and approval of remediation plan via email |  |  |  |  |  |  |  |

# **Request for Closure**

Based on the completion of the remediation plan as agreed upon, Oxy Permian requests closure approval from NMOCD.

Casey Summers, NM Environmental Advisor

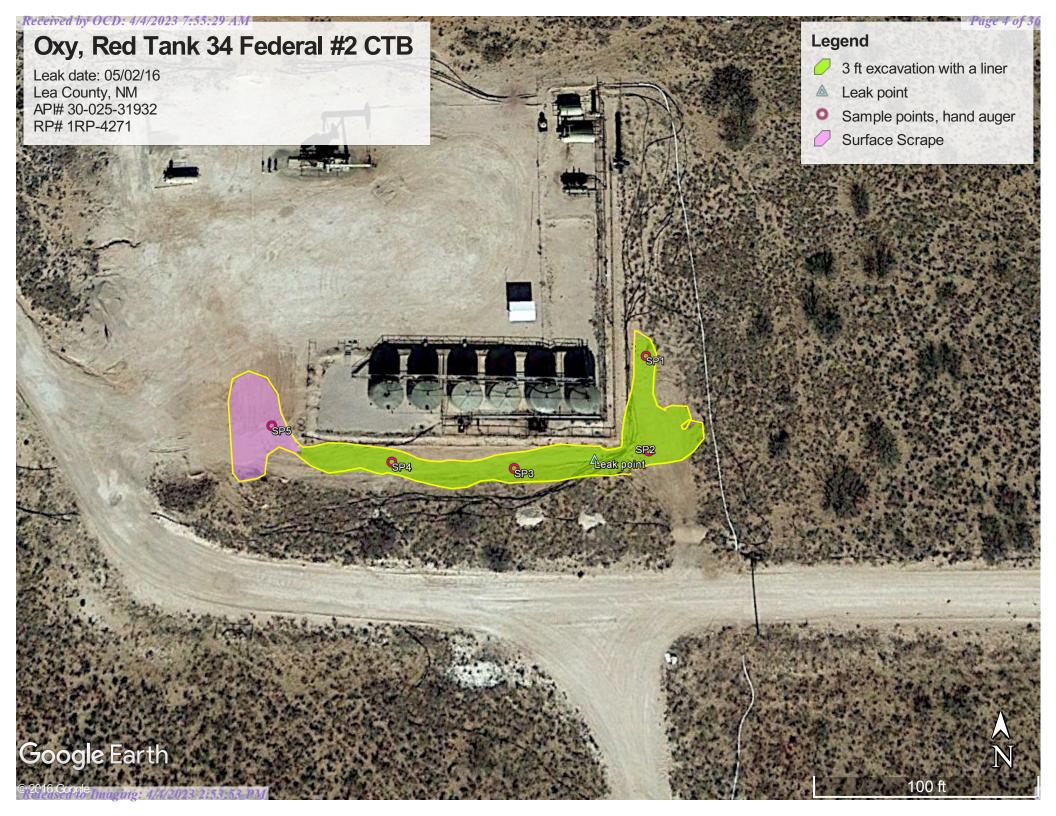
05/24/2016

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr.

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

| 1220 S. St. Frar  | ncis Dr., Santa  | a Fe, NM 87505                                     | 5  | Sa   | anta Fe                             | e, NM 875                                    | 05  |   |   |                  |                                       |
|---|--|--|--|--|-------------------------------------|--|---|---|---|------------------|---------------------------------------|
|   |  |  | Rele   | ease Notific   | catior                              | and Co                                       | orrective A   | ction   |   |                  |                                       |
|   | _  |  |  |  |                                     | <b>OPERA</b>                                 | ΓOR   | 🛛 In  | itial Report  |                  | Final Report                          |
| Name of Co<br>Address   |  | Oxy Permia   |  |  |                                     |  | Casey Summers   |   |   |                  |                                       |
| Facility Nat  |  | ive, Midland<br>Tank 34 Fed                        |  |  |                                     | Telephone I<br>Facility Typ                  |   | -8289   |   |                  |                                       |
| Surface Ow  |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   | Ther DLIV  | <u> </u>   |  | Mineral C  |                                     | r API No                                     |   |   | No. <u>3</u> 0-025-                                   | 31932            |                                       |
| Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   |  | rownsmp  | Range  | reet from the  | North/                              | South Line                                   | Feet from the   | East/West Lin   | e County  |                  |                                       |
| H 34 22S 32E Lea  |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   |  |  | ]  | Latitude <u>N 32.</u>  | <u>34959°</u>                       | Longitu                                      | de <u>W 103.6557</u>  | <u>1°</u>   |   |                  |                                       |
|   |  |  |  | NAT  | URE                                 | OF REL                                       | EASE  |   |   |                  |                                       |
| Type of Rele  |  | iced water   |  |  |                                     | Volume of                                    |   |   | e Recovered   |                  |                                       |
| pump line   | lease Corr   | osion of a 2" s                                    | steel tee of                                       | n the water transfe  | er                                  | Date and H<br>05/02/2016                     | lour of Occurrenc   | e Date a  | nd Hour of Dis  | scovery          | /                                     |
| Was Immedi  | ate Notice C   |  |  | 1  |                                     | If YES, To                                   | Whom?   |   |   |                  |                                       |
| D. W  | V d D  |  |  | No 🗌 Not Re  | equired                             |  | es-NMOCD, She   |   |   |                  |                                       |
| Was a Water   |  | vis @ BBC Ir<br>hed?                               | iternation   | al, Inc.   |                                     | Date and H                                   | lour 05/02/2010<br>olume Impacting t                          | 6 @ 4:06 pm   |   |                  |                                       |
|   |  |  | Yes 🛛  | No   |                                     | 11 125, 70                                   | nume impacting (  | ine watercourse   |   |                  |                                       |
| If a Watercou   | urse was Im  | pacted, Descri                                     | ibe Fully. <sup>3</sup>                            | *  |                                     |  |   |   |   |                  |                                       |
|   |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   |  | em and Remeder<br>the on the water                 |  | n Taken.*<br>pump line caused  | 15 bbls                             | of produced                                  | water to leak. No   | fluids were reco  | overed and the  | tee wa           | s replaced.                           |
| Describe Are  | a Affected a   | and Cleanup A                                      | Action Tak   | ken.*  |                                     |  |   |   |   |                  |                                       |
| The affected remediation p  | area is appropriate appropriate appropriate approximate ap | oximately 70'<br>OCD and the                       | x 200' or<br>BLM.                                  | n location and just  | south o                             | flocation. R                                 | emediation will b   | e completed in a  | accordance wit  | h an ar          | proved                                |
| regulations a<br>public health<br>should their o<br>or the environ                                    | II operators<br>or the envir<br>operations h<br>nment. In/a  | are required to<br>conment. The<br>ave failed to a | o report ar<br>acceptanc<br>dequately<br>ICD accep | e is true and comp<br>nd/or file certain r<br>ce of a C-141 repo<br>v investigate and r<br>otance of a C-141 | elease no<br>ort by the<br>emediate | otifications and<br>NMOCD m<br>e contaminati | nd perform correct<br>arked as "Final R<br>on that pose a thr | tive actions for<br>eport" does not<br>eat to ground wa | releases which<br>relieve the ope<br>ster, surface wa | may e<br>rator o | ndanger<br>f liability<br>uman bealth |
|   | NT   |  |  |  |                                     |  | OIL CON   | SERVATIO  | N DIVISIO   | DN               |                                       |
| Signature:  | ~~   |  |  |  |                                     |  |   |   |   |                  |                                       |
| Printed Name  | e: Casey S   | Sümmers  |  |  | 4                                   | Approved by                                  | Environmental S   | pecialist:  |   |                  |                                       |
| Title: NM   | Environmer   | tal Advisor  |  |  |                                     | Approval Dat                                 | e:  | Expiratio   | on Date:  |                  |                                       |
| E-mail Addre  | ess: <u>Casey</u>  | <u>_Summers@</u>                                   | oxy.com  |  | (                                   | Conditions of                                | Approval:   |   | Attached  |                  |                                       |
| Date:   | 5-10   | -16  | Phone:   | (575) 513-828  | 9                                   |  |   |   | Anacheo   |                  |                                       |
| Attach Addi   | tional Shee  | ts If Necess                                       |  | (0.0) 010 020  | <u> </u>                            |  |   |   | L   |                  |                                       |
|   |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   |  |  |  |  |                                     |  |   |   |   |                  |                                       |
|   |  |  |  |  |                                     |  |   |   |   |                  |                                       |



Oxy, Red Tank 34 Federal #2 CTB

Sample points, hand auger

SP1, N 32.34972 W-103.65567

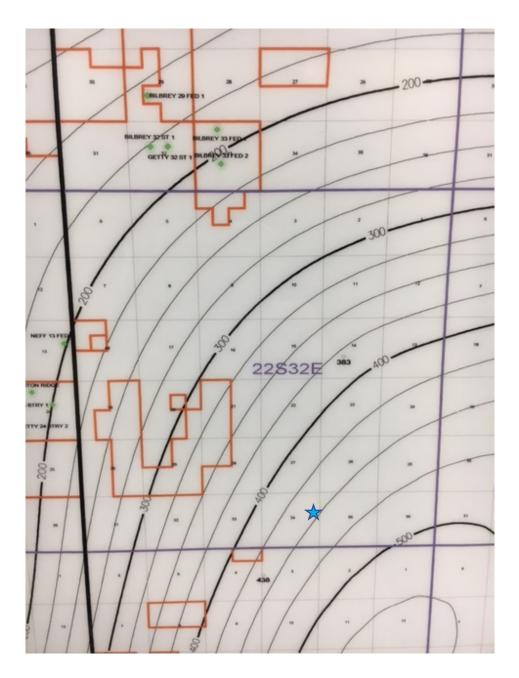
SP2, N 32.34959 W-103.65567

SP3, N 32.34957 W-103.65589

SP4, N 32.34958 W-103.65608

SP5, N 32.34962 W-103.65627

# Oxy, Red Tank 34 Federal #2 CTB U/L H, Section 34, T22S, R32E Groundwater: 450'



*Received by OCD: 4/4/2023 7:55:29 AM* 

?

# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

### UTMNAD83 Radius Search (in meters):

Easting (X): 626457

Northing (Y): 3580024

**Radius:** 1700

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/24/17 12:28 PM

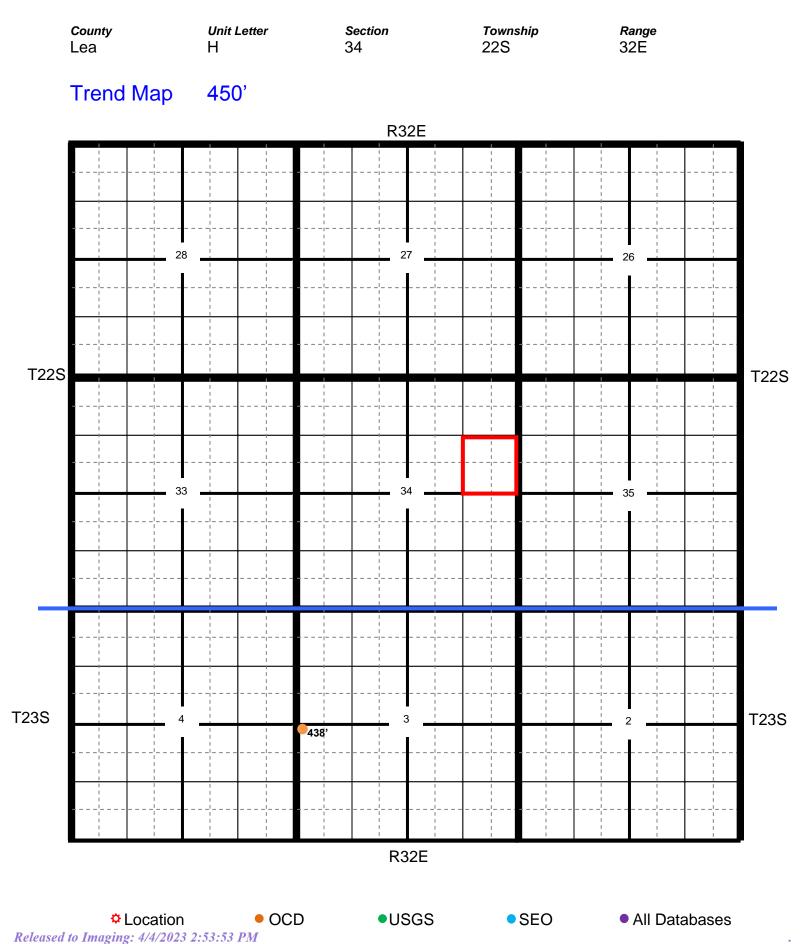
WATER COLUMN/ AVERAGE DEPTH TO WATER

http://nmwrrs.ose.state.nm.us/...%22%203580024.0%20%22%2C%0A%22R%22%3A%221700%22%2C%0A%22PLSSDiv%22%3A%22false%22%7D[5/24/2017 12:28:48 PM]

UTM Conversion Tool Received by OCD: 4/4/2023 7:55:29 AM

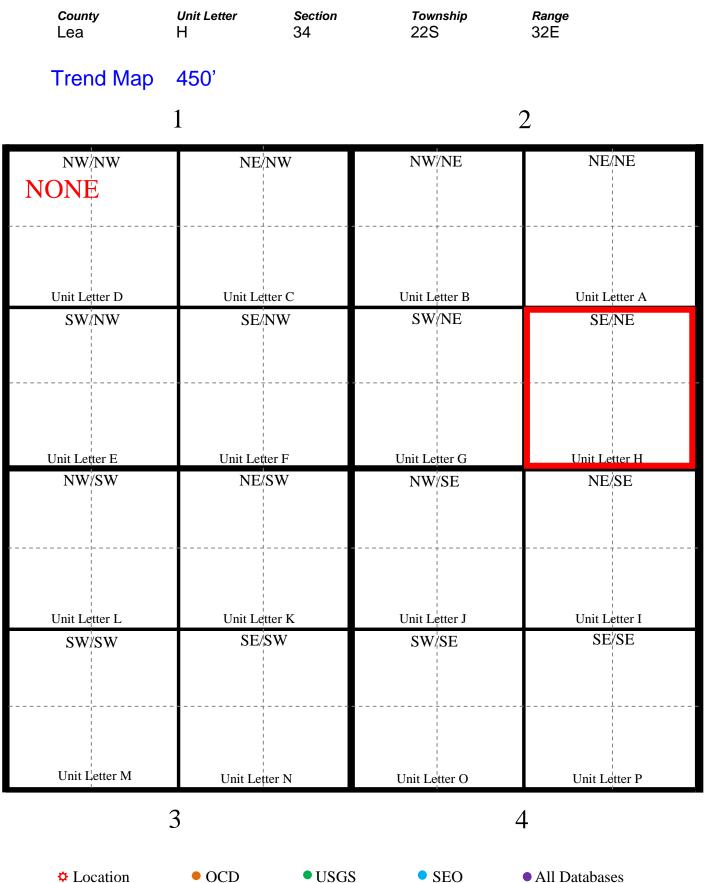
| Q64: Q                   | 16: SE Q4: NE                 | Sec: 34 Tws: 22S R                   | ng: 32E    |
|--------------------------|-------------------------------|--------------------------------------|------------|
|                          | State Plane Coord             | linate System - NAD27                |            |
| X: ft                    | Y: ft                         | Zone:                                |            |
|                          |                               | linate System - NAD83                |            |
| X: ft                    | Y: ft                         | Zone:                                |            |
| Longitude (X):           | Degrees/Mi                    | nutes/Seconds<br>Minutes: ' Seconds: |            |
| Latitude (Y):            | Degrees: °                    | Minutes: Seconds:                    |            |
|                          |                               |                                      |            |
| Easting (X):             | UTM<br>mtrs Northing (Y):     | - NAD27<br>mtrs Zone:                |            |
|                          | S                             | UBMIT                                |            |
| All Co<br>Easting (X): 6 |                               | played as <u>NAD 1983 UTM Zon</u>    |            |
|                          | 26457.0 mtrs                  | Northing (Y): 3580024.0              | mtrs       |
|                          | ~ Please keep screen open te  | o copy UTM values for Reports. ~~    |            |
|                          | -~ Please keep screen open to | o copy UTM values for Reports. ~~    | NIN SEKSIA |
|                          | Please keep screen open t     | o copy UTM values for Reports. ~~    |            |
|                          | -~ Please keep screen open t  | o copy UTM values for Reports. ~~    |            |
|                          | Please keep screen open t     | o copy UTM values for Reports. ~~    |            |

# Oxy Red Tank 34 Federal #2 CTB



Section Quarters

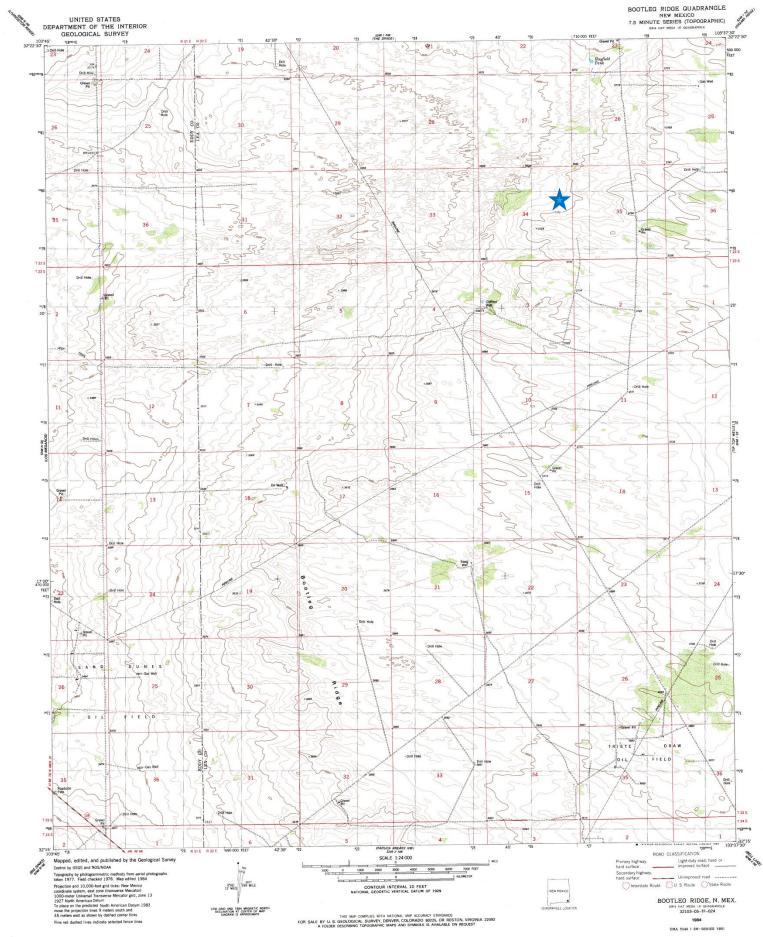
# Oxy Red Tank 34 Federal #2 CTB





# Оху

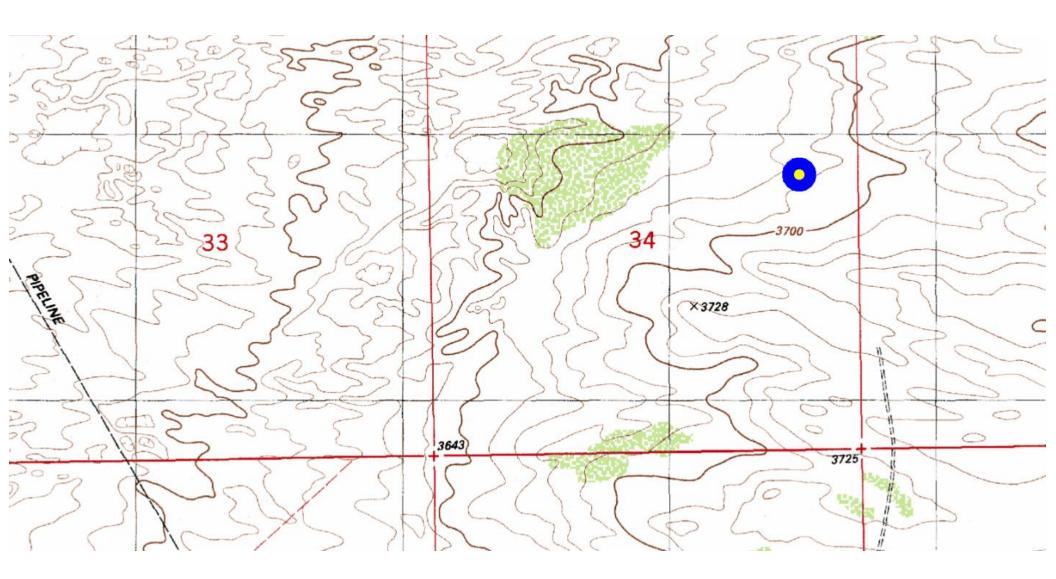
# Red Tank 34 Federal #2 CTB



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# Оху

# Red Tank 34 Federal #2 CTB



### Laboratory Analytical Results Summary Red Tank 34 #2

|          |            | Sample | SP1 @ 1' | SP1 @ 3' | SP1 @ 6' | SP1 @ 8' | SP1 @ 10' | SP1 @ 12' | SP1 @ 14' | SP1 @ 16' |
|----------|------------|--------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| Analyte  | Method     | Date   | 5/13/16  | 5/13/16  | 5/13/16  | 5/13/16  | 5/13/16   | 5/13/16   | 5/13/16   | 5/13/16   |
|          |            |        | mg/Kg    | mg/Kg    | mg/Kg    | mg/Kg    | mg/Kg     | mg/Kg     | mg/Kg     | mg/Kg     |
| Chloride | SM4500CI-B |        | 5920     | 18800    | 3060     | 4160     | 8800      | 672       | 384       | 352       |

|          |            | Sample | SP2 @ 3' | SP2 @ 7' | SP2 @ 11' | SP2 @ 13' | SP2 @ 15' |
|----------|------------|--------|----------|----------|-----------|-----------|-----------|
| Analyte  | Method     | Date   | 5/13/16  | 5/13/16  | 5/24/16   | 5/24/16   | 5/24/16   |
|          |            |        | mg/Kg    | mg/Kg    | mg/Kg     | mg/Kg     | mg/Kg     |
| Chloride | SM4500CI-B |        | 5440     | 17600    | 9730      | 2960      | 288       |

|          |            | Sample | SP3 @ 3' | SP3 @ 7' | SP3 @ 10' | SP3 @ 13' | SP3 @ 16' | SP3 @ 18' |
|----------|------------|--------|----------|----------|-----------|-----------|-----------|-----------|
| Analyte  | Method     | Date   | 5/16/16  | 5/16/16  | 5/16/16   | 5/16/16   | 5/16/16   | 5/16/16   |
|          |            |        | mg/Kg    | mg/Kg    | mg/Kg     | mg/Kg     | mg/Kg     | mg/Kg     |
| Chloride | SM4500CI-B |        | 6000     | 19200    | 12700     | 3080      | 2840      | 464       |

|          |            | Sample | SP4 @ 3' | SP4 @ 6' | SP4 @ 9' | SP4 @ 12' | SP4 @ 15' | SP4 @ 18' |
|----------|------------|--------|----------|----------|----------|-----------|-----------|-----------|
| Analyte  | Method     | Date   | 5/16/16  | 5/16/16  | 5/16/16  | 5/16/16   | 5/16/16   | 5/16/16   |
|          |            |        | mg/Kg    | mg/Kg    | mg/Kg    | mg/Kg     | mg/Kg     | mg/Kg     |
| Chloride | SM4500CI-B |        | 6160     | 20400    | 10700    | 6160      | 3000      | 432       |

|          |            | Sample | SP5 @ 1' | SP5 @ 2' | SP5 @ 3' | SP5 @ 4' | SP5 @ 5' | SP5 @ 7' | SP5 @ 9' | SP5 @ 11' | SP5 @ 13' |
|----------|------------|--------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| Analyte  | Method     | Date   | 5/17/16  | 5/17/16  | 5/17/16  | 5/17/16  | 5/17/16  | 5/17/16  | 5/17/16  | 5/17/16   | 5/17/16   |
|          |            |        | mg/Kg     | mg/Kg     |
| Chloride | SM4500CI-B |        | 432      | 480      | 368      | 736      | 528      | 416      | 544      | 368       | 368       |



June 03, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 FEDERAL #2

Enclosed are the results of analyses for samples received by the laboratory on 05/27/16 9:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

| Received:         | 05/27/2016             | Sampling Date:      | 05/13/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 1 @ 1' (H601168-01)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5920   | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 1 @ 3' (H601168-02)

| Chloride, SM4500Cl-B | mg/    | 'kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 18800  | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 1 @ 6' (H601168-03)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3060   | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 1 @ 8' (H601168-04)

| Chloride, SM4500Cl-B | mg,    | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 4160   | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

| Received:         | 05/27/2016             | Sampling Date:      | 05/13/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 1 @ 10' (H601168-05)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 8800   | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 1 @ 12' (H601168-06)

| Chloride, SM4500CI-B | mg/    | 'kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 672    | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 1 @ 14' (H601168-07)

| Chloride, SM4500Cl-B | mg,    | /kg             | Analyzed By: AP |              |     |            |               |      |           |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 384    | 16.0            | 06/01/2016      | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 1 @ 16' (H601168-08)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 352    | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 2 @ 3' (H601168-09)

| Chloride, SM4500Cl-B | B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|---------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result  | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 5440    | 16.0            | 06/01/2016 | ND              | 400 | 100        | 400           | 3.92 |           |

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Celey D. Keene, Lab Director/Quality Manager



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| Received:         | 05/27/2016             | Sampling Date:      | 05/13/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 2 @ 7' (H601168-10)

| Chloride, SM4500Cl-B | mg,    | /kg             | Analyzed By: AP |              |     |            |               |      |           |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 17600  | 16.0            | 06/01/2016      | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 2 @ 11' (H601168-11)

| Chloride, SM4500Cl-B | Analyze | d By: AP        |            |              |     |            |               |      |           |
|----------------------|---------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result  | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 9730    | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 2 @ 13' (H601168-12)

| hloride, SM4500Cl-B mg/kg |        |                 | Analyze    | Analyzed By: AP |     |            |               |      |           |
|---------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                  | 2960   | 16.0            | 06/01/2016 | ND              | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 2 @ 15' (H601168-13)

| Chloride, SM4500Cl-B | loride, SM4500Cl-B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------------------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result                   | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 288                      | 16.0            | 06/01/2016 | ND              | 400 | 100        | 400           | 3.92 |           |

### Sample ID: SP 3 @ 3' (H601168-14)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6000   | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 | QM-07     |

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| Received:         | 05/27/2016             | Sampling Date:      | 05/16/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 3 @ 7' (H601168-15)

| Chloride, SM4500Cl-B | mg,    | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 19200  | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 3 @ 10' (H601168-16)

| Chloride, SM4500Cl-B | mg/    | ′kg             | Analyzed By: AP |              |     |            |               |      |           |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 12700  | 16.0            | 06/01/2016      | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 3 @ 13' (H601168-17)

| Chloride, SM4500Cl-B mg/kg |        |                 | Analyze    | Analyzed By: AP |     |            |               |      |           |
|----------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                    | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                   | 3080   | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 3 @ 16' (H601168-18)

| Chloride, SM4500Cl-B | e, SM4500Cl-B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|---------------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result              | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2840                | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 3 @ 18' (H601168-19)

| Chloride, SM4500Cl-B | oride, SM4500Cl-B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|-------------------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result                  | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 464                     | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

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| Received:         | 05/27/2016             | Sampling Date:      | 05/16/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 4 @ 3' (H601168-20)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6160   | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 4 @ 6' (H601168-21)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 20400  | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 4 @ 9' (H601168-22)

| Chloride, SM4500Cl-B | e, SM4500Cl-B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|---------------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result              | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 10700               | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 4 @ 12' (H601168-23)

| Chloride, SM4500Cl-B | mg/kg  |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 6160   | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 4 @ 15' (H601168-24)

| Chloride, SM4500Cl-B | s, SM4500Cl-B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|---------------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result              | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 3000                | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

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| Received:         | 05/27/2016             | Sampling Date:      | 05/16/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 4 @ 18' (H601168-25)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 432    | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 1' (H601168-26)

| Chloride, SM4500Cl-B | SM4500Cl-B mg/kg |                 |            |              | Analyzed By: AP |            |               |      |           |
|----------------------|------------------|-----------------|------------|--------------|-----------------|------------|---------------|------|-----------|
| Analyte              | Result           | Reporting Limit | Analyzed   | Method Blank | BS              | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 432              | 16.0            | 06/01/2016 | ND           | 432             | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 2' (H601168-27)

| Chloride, SM4500Cl-B | ride, SM4500Cl-B mg/kg |                 |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|------------------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result                 | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 480                    | 16.0            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 3' (H601168-28)

| Chloride, SM4500Cl-B | e, 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            | 06/01/2016 | ND              | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 4' (H601168-29)

| Chloride, SM4500Cl-B | mg/    | ′kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 736    | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

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| Received:         | 05/27/2016             | Sampling Date:      | 05/17/2016    |
|-------------------|------------------------|---------------------|---------------|
| Reported:         | 06/03/2016             | Sampling Type:      | Soil          |
| Project Name:     | RED TANK 34 FEDERAL #2 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN             | Sample Received By: | Jodi Henson   |
| Project Location: | MILLS RANCH ROAD       |                     |               |

### Sample ID: SP 5 @ 5' (H601168-30)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 528    | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 7' (H601168-31)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 416    | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 9' (H601168-32)

| Chloride, SM4500Cl-B | mg,    | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 544    | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 11' (H601168-33)

| Chloride, SM4500Cl-B | mg     | /kg             | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 368    | 16.0            | 06/01/2016 | ND           | 432 | 108        | 400           | 7.69 |           |

### Sample ID: SP 5 @ 13' (H601168-34)

| Chloride, SM4500Cl-B | mg/    | kg              | Analyze    | d By: AP     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 368    | 16.0            | 06/01/2016 | ND           | 400 | 100        | 400           | 0.00 |           |

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Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
|-------|---|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.  |
| 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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|   |  |  | ANALYSIS REQUEST   |
|---|--|--|--|
| Project Manager: Cliff Brunson  |  | P.O. #   |  |
| Address: P.O. Box 805   |  | Company: OXY   |  |
| obs   | State: NM Zip: 88241   | Attn: Casty Summer   | /  |
| Phone #: 575-397-6388   | Fax #: 575-397-0397  | Address:   |  |
| Project #:  | Project Owner: OXU   | City:  |  |
| ame: RFO 1  | ANK 34 #2  | State: Zip:  |  |
| on:   |  | Phone #:   |  |
| Sampler Name: ROLL  | HERNANDEZ  | 1  |  |
| FOR LAB USE ONLY  | _  | PRESERV. SAMPLING  |  |
| Lab I.D. Sample I.D.  | RAB OR (C)OM<br>DNTAINERS<br>DUNDWATER<br>STEWATER<br>L  | IDGE<br>HER :<br>D/BASE:<br>/ COOL<br>HER :  |  |
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| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's e<br>analyses. All claims including those for negligence and any other cause<br>service. In no event shall Cardinal be liable for incidental or consequenti | xclusive remedy for any claim arising wh<br>whatsoever shall be deemed waived unli<br>al damages, including without limitation, t  | Itract or tort, shall be limited to the amount paid by the<br>g and received by Cardinal within 30 days after comple<br>ons, loss of use, or loss of profits incurred by client, its | client for the<br>siton of the applicable<br>subsidiaries,                                 |
| Relinguished By:  | Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Time:<br>Ti | By:<br>Illug<br>REN<br>REN   | Phone Result: □ Yes □ No Add'I Phone #:<br>Fax Result: □ Yes □ No Add'I Fax #:<br>REMARKS: |
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| : (Circle   | 50   | dition CHECKED BY:   |  |
| Sampler - UPS - Bus - Other:  |  | No VTA   |  |
| † Cardinal cannot accept verba  | Cardinal cannot accept verbal changes. Flease fax written changes to sub-sub-  | #54  |  |
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|--|--|---|--|
|  |  | _   |  |
|  | Company:   |   |  |
|  | Attn:  |   |  |
| 5  | Address:   |   |  |
| Project Owner: OXV   | City:  |   |  |
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|  | Fax #:   |   |  |
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| TEXASE Woll E: Libbinity and Damagdes. Cardinalis liability and clients exclusive remedy for any dama raising whether based in containaryses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing service. In no event shall Cardinal to table liable for incidental any consequential damages, including think within the service service. In no event shall Cardinal for control for incidental any other cause whatsoever shall be deemed waived unless made in writing through the service in an order of the service | tract or lort, shall be limited to the amount paid<br>and received by Cardinal within 30 days after<br>ns, loss of use, or loss of profils incurred by cli-  | by the client for the<br>completion of the applicable<br>ient, its subsidiaries,  |  |
| Received By  | in all   | Phone Result: 2 Yes<br>Fax Result: 2 Yes<br>REMARKS:  | □ No Add'I Phone #:<br>□ No Add'I Fax #:   |
| Timpe: 20 Redeived By:   | Henson   |   |  |
| Dito   | dition CHECKED BY:   |   |  |
|  | Reg International, Inc.         BBC International, Inc.         State: NM zip: 88241         197-6388       Fax #: 575-397-0397         Project Owner: 014         197-6388       Fax #: 575-397-0397         Nample I.D.         Sample I.D.         Sample I.D.         Space 11 - 014         QC 11 | all, Inc.     BILL TO       state: NM     zip: 88241       Fax #: 575-397-0397     Address:       Project Owner:     U/Y       W     2       State:     N/Y       State:     N/Y       State:     Zip:       Project Owner:     U/Y       State:     Zip:       Project Owner:     Preserv       State:     Zip:       Project Owner:     Date:       State:     Zip:       Project Owner:     Preserv       State:     Zip:       State:     Zip:       Project Owner:     Date:       State:     Zip:       State: <td>Inc.     BitLL TO       State: NM     Zip: 88241       Fax #: 575-397-0397     Address:       Project Owner:     O''       W     Z       State:     O''       W     Z       Project Owner:     O''       W     Z       State:     Zip:       Phone #:     Fax #:       Fax #:     State:       Zip:     Phone #:       Fax #:     State:       G(C)OMP.     NATRX       PRESERV     SAMPLING       G(G)RAB OR (C)ONDVATER     Phone #:       G(G)RAB OR (C)ONDVATER     DATE       G(G)RAB OR (C)ONDVATER     DA</td> | Inc.     BitLL TO       State: NM     Zip: 88241       Fax #: 575-397-0397     Address:       Project Owner:     O''       W     Z       State:     O''       W     Z       Project Owner:     O''       W     Z       State:     Zip:       Phone #:     Fax #:       Fax #:     State:       Zip:     Phone #:       Fax #:     State:       G(C)OMP.     NATRX       PRESERV     SAMPLING       G(G)RAB OR (C)ONDVATER     Phone #:       G(G)RAB OR (C)ONDVATER     DATE       G(G)RAB OR (C)ONDVATER     DA |

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| ARDINALLABORATORIES  |  |  |
|--|--|--|
| 101 East Marland, Hobbs, NM 88240  |  |  |
| (505) 393-2326 FAX (505) 393-2476  |  |  |
| Company Name: BBC International, Inc.  | BILL TO  | ANALYSIS REQUEST                               |
| Project Manager: Cliff Brunson   | P.O. #:  |  |
| Address: P.O. Box 805  | Company:   |  |
| City: Hobbs State: NM Zip: 88241   | Attn:  |  |
| 5-397-6388 Fax #: 575-   | Address:   |  |
| Project #: Project Owner: OXY  | City:  |  |
| ame: REP TAN   | State: Zip:  |  |
| Project Location:  | Phone #:   |  |
| Sampler Name:  | Fax #:   |  |
| -  | MATRIX PRESERV. SAMPLING   |  |
| Lab I.D.<br>Sample I.D.<br>NB OR (C)OMP<br>NTAINERS<br>JNDWATER<br>EWATER  | R :<br>BASE:<br>COOL   |  |
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| PLEASE NOTE: Liability and Damages. Cardinal's inolling and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the   | d in contract or tort, shall be limited to the amount paid by the client for the   |  |
| service. In no event shall Cardinal be liable for incidential 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | terruptions, loss of use, or loss of profits incurred by client, its subsidiaries,<br>such claim is based upon any of the above stated reasons or otherwise. |  |
| Relinquished By:<br>$\frac{5 \cdot 2k - 16}{\text{Time:}}$ Received By:  | Phone Result: 2 Yes<br>Fax Result: 2 Yes<br>REMARKS:   | 25   No Add'l Phone #:<br>26   No Add'l Fax #: |
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| t Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2406  | ges to 505-393-2476  |  |
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Page 13 of 13

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other<br>† Cardinal cannot accept v | Relinquished By:<br>Relinquished By:  | PLEASE NOTE: Liability and Damages. Cardinal's liability an<br>analyses. All claims including those for negligence and any<br>service. In no event shall Cardinable liable for incidental or c<br>affiliates or successors arising out of or related to the perform | 34     | 1200      | Lab I.D.   | FOR LAB USE ONLY | Sampler Name: | Project Location: |
|---|---|---|--------|-----------|--|------------------|---------------|-------------------|
| verbal cl   | иле:<br>5:26-7<br>Тіте:<br>5:00<br>Да::<br>5:27-<br>Тіте:<br>720  | nd clie<br>ther consectors  | . 51 D | - 4 0 C 4 | Sample I.D.  |                  | ROGER HERNA   |                   |
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| Sample Condition<br>Cool Intact<br>Pres Pres<br>No No<br>No<br>No<br>No<br>Solution     | ed By:<br>ed By:  | nt's exclusive remedy for any claim arising whether based in contract or a services hereunder by Cardinal, regardless of whether such claim is or services hereunder by Cardinal, regardless of whether such claim is   |        | ~~        | GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE | MATRIX           |               | -                 |
| on CHECK  | en  | r fort, shall be limited to<br>received by Cardinal wi<br>based upon any of the   | 4      |           | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :     | PRESERV.         | Fax #:        | Phone #:          |

| (505) 393-2326 FAX (505) 393-2476   | (505) 393-2476  |   |   |                  |
|---|---|---|---|------------------|
| Company Name: BBC International, Inc.   | al, Inc.  | BILL TO   | -   | ANALYSIS REQUEST |
| Project Manager: Cliff Brunson  |   | P.O. #:   |   |                  |
| Address: P.O. Box 805   |   | Company:  |   |                  |
| city: Hobbs   | State: NM Zip: 88241  | Attn:   |   |                  |
| Phone #: 575-397-6388   | Fax #: 575-397-0397   | Address:  |   |                  |
| Project #:  | Project Owner:  | City:   |   |                  |
| Project Name: REO TANK  | 2 # 1/2   | State: Zip:   |   |                  |
| Project Location:   |   | Phone #:  |   |                  |
| Sampler Name: ROGER H   | ENDINOUS  | Fax #:  |   |                  |
| FOR LAB USE ONLY  | MATRIX  | PRESERV. SAMPLING   |   |                  |
| Lab I.D. Sample I.D.  | G)RAB OR (C)OMP.<br>¢ CONTAINERS<br>GROUNDWATER<br>NASTEWATER<br>SOIL<br>DIL  | SLUDGE<br>DTHER :<br>ACID/BASE:<br>CE / COOL<br>DTHER :<br>DATE   |   |                  |
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|   |   |   | and for the   |                  |
| PEASE 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 the client for the<br>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<br>service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, | ent's exclusive remedy for any claim arising whether based in cont<br>cause whatsoever shall be deemed waived unless made in writing<br>quental damages, including without limitation, business interruptio | tract or fort, shall be limited to the amount paid by the cli<br>g and received by Cardinal within 30 days after completic<br>ons, loss of use, or loss of profits incurred by client, its su | ent for the<br>on of the applicable<br>ubsidiaries, |                  |
| affiliates or successors arising out of or related to the performance<br>Relinguished By:   | of services hereunder by Cardinal, regardless of whether such da<br>Date: Received By:  | regardless of whether such claim is based upon any of the above stated reasons or otherwise<br>ceived By: Phone Res   | It: I Yes I   |                  |
|   | 5-26-16 () A. Oken  | Fax Result:<br>REMARKS:   | ⊔ Yes   |                  |

(Initials)

| From:        | Lynch, Kristen, EMNRD  |
|--------------|--|
| To:          | Cliff Brunson  |
| Cc:          | Casey Summers; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis |
| Subject:     | RE: OXY - Red Tank 34 Federal #2 CTB - Remediation Plan                            |
| Date:        | Tuesday, September 27, 2016 11:23:13 AM  |
| Attachments: | <u>1RP 4271 Oxy Remediation Packet Red Tank 34 Federal #2 CTB.pdf</u>              |

Good Morning,

I'm working on these as time allows. Sorry for the wait. Please see attached approved Remediation Plan.

Thank You,

Kristen D. Lynch Environmental Specialist, District 1 Oil Conservation Division, EMNRD (575) 393-6161 ext. 111 575-370-3180 (emergency-cell)

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.

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Friday, September 23, 2016 11:14 AM
To: Lynch, Kristen, EMNRD
Cc: Casey Summers; Jennifer\_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Red Tank 34 Federal #2 CTB - Remediation Plan

Kristen,

This e-mail is to confirm our discussion concerning the remediation plan for the OXY Red Tank 34 Federal #2 CTB release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: <u>cbrunson@bbcinternational.com</u>



\*\*\*\*\*\*\*\*\*\*\*

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| From:    | Tucker, Shelly   |
|----------|--|
| То:      | Cliff Brunson  |
| Cc:      | Casey Summers; Jennifer Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis |
| Subject: | Re: OXY - Red Tank 34 Federal #2 CTB - Remediation Plan                            |
| Date:    | Tuesday, October 4, 2016 1:59:27 PM  |

BLM will require a 3' (feet) excavation instead of 2' around SP1, SP2, SP3, and SP4 including the liner. A surface scrape around SP5 is approved. The disturbed area will need to be reseeded and a sundry filed in regards to the disturbance off location.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

## **Shelly J Tucker**

Environmental Protection Specialist Bureau of Land Management

620 E. Greene St Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular

stucker@blm.gov



The <u>BLM acceptance/approval does not</u> relieve the operator of liability should their operations have failed to adequately investigate and remediate 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 the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the 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.

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On Fri, Sep 23, 2016 at 11:13 AM, Cliff Brunson <<u>cbrunson@bbcinternational.com</u>> wrote:

Shelly,

I have attached a remediation plan for the Oxy Red Tank 34 Federal #2 CTB release. This plan has been approved by Kristen Lynch of the NMOCD in Hobbs. Oxy is requesting the BLM's approval of this plan as well. Upon your review of the materials, it would be appreciated if you would respond via email with the BLM's approval.

If you have any questions, please let me know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS

President

BBC International, Inc.

World-Wide Environmental Specialists

Mailing Address:

P. O. Box 805

Hobbs, NM 88241-0805 USA

Shipping Address:

1324 W. Marland St.

Hobbs, NM 88240 USA

Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: <a href="mailto:cbrunson@bbcinternational.com">cbrunson@bbcinternational.com</a>



\*\*\*\*\*\*

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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

| Operator:             | OGRID:   |
|-----------------------|--|
| OXY USA INC           | 16696  |
| P.O. Box 4294         | Action Number:                                   |
| Houston, TX 772104294 | 203772   |
|                       | Action Type:                                     |
|                       | [IM-SD] Incident File Support Doc (ENV) (IM-BNF) |

### CONDITIONS

| Created<br>By |      | Condition<br>Date |
|---------------|------|-------------------|
| bhall         | None | 4/4/2023          |

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