

**Bratcher, Mike, EMNRD**

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**From:** Cliff P. Brunson <cbrunson@bbcinternational.com>  
**Sent:** Thursday, January 02, 2014 12:38 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY-Two Marks 36 State #4-Remediation Plan  
**Attachments:** Remediation Packet- Two Marks 36-4.pdf

Mike,

This e-mail is to confirm our conversation on December 18, 2013 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will surface scrape the entire spill area and at SP-1 will resample to delineate to a minimum of 1,000 ppm Chloride and present the lab results to the NMOCD.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

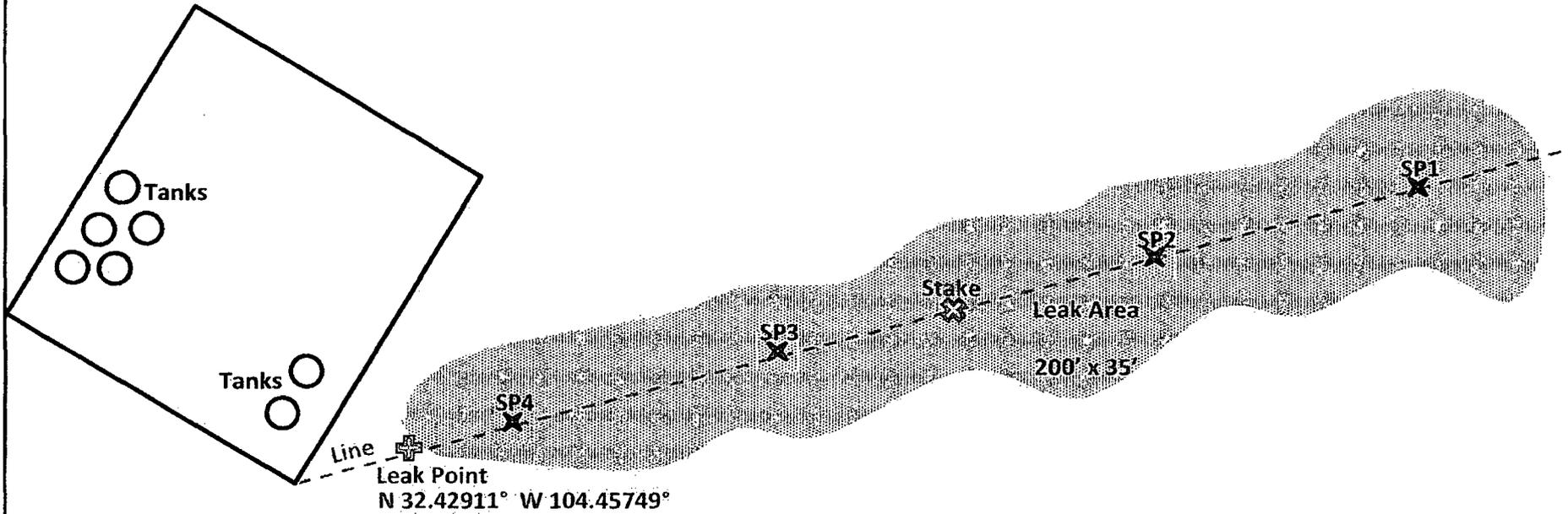
Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
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Oxy  
Two Marks 36 State #4



U/L O, Section 36, T21S, R24E

670' FSL and 1905' FEL

Eddy County, NM

GPS at stake: N 32.42917° W 104.45789°

API# 30-015-34833

BBC International, Inc.

Oxy

Two Marks 36 State #4

Date: 10/11/2013

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2013



# Groundwater Plot

## Oxy Two Marks 36 State #4

County  
Lea

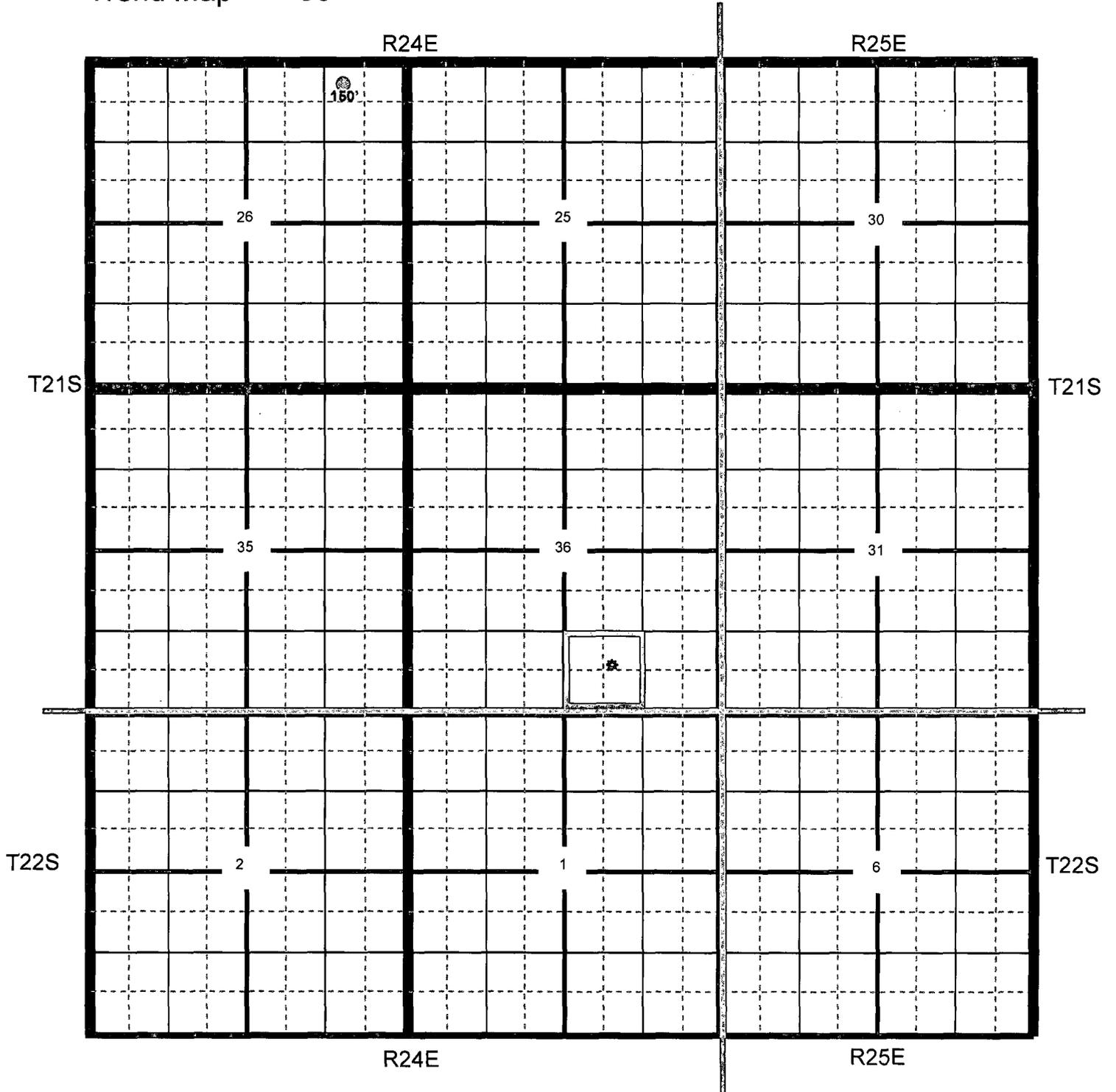
Unit Letter  
O

Section  
36

Township  
21S

Range  
24E

Trend Map <50'



⊛ Location

⊙ OCD

○ USGS

⊙ SEO

● All Databases



Section Quarters

Oxy Two Marks 36 State #4

|                       |                         |                      |                        |                     |
|-----------------------|-------------------------|----------------------|------------------------|---------------------|
| <b>County</b><br>Eddy | <b>Unit Letter</b><br>O | <b>Section</b><br>36 | <b>Township</b><br>21S | <b>Range</b><br>24E |
|-----------------------|-------------------------|----------------------|------------------------|---------------------|

Trend Map <50'

1

2

|                     |               |               |               |
|---------------------|---------------|---------------|---------------|
| NW/NW<br>None found | NE/NW         | NW/NE         | NE/NE         |
| Unit Letter D       | Unit Letter C | Unit Letter B | Unit Letter A |
| SW/NW               | SE/NW         | SW/NE         | SE/NE         |
| Unit Letter E       | Unit Letter F | Unit Letter G | Unit Letter H |
| NW/SW               | NE/SW         | NW/SE         | NE/SE         |
| Unit Letter L       | Unit Letter K | Unit Letter J | Unit Letter I |
| SW/SW               | SE/SW         | SW/SE<br>*    | SE/SE         |
| Unit Letter M       | Unit Letter N | Unit Letter O | Unit Letter P |

3

4

\* Location    ○ OCD    ○ USGS    ● SEO    ● All Databases

**Laboratory Analytical Results Summary**  
**Two Marks 36 State #4**

| Analyte       | Method     | Sample<br>Date | SP1 @<br>SURFACE | SP1 @ 6" |
|---------------|------------|----------------|------------------|----------|
|               |            |                | 12/2/13          | 12/2/13  |
|               |            |                | mg/Kg            | mg/Kg    |
| Benzene       | BTEX 8021B |                | n/a              | n/a      |
| Toluene       | BTEX 8021B |                | n/a              | n/a      |
| Ethylbenzene  | BTEX 8021B |                | n/a              | n/a      |
| Total Xylenes | BTEX 8021B |                | n/a              | n/a      |
| Total BTEX    | BTEX 8021B |                | n/a              | n/a      |
| Chloride      | SM4500Cl-B |                | 2440             | 2120     |
| GRO           | TPH 8015M  |                | n/a              | n/a      |
| DRO           | TPH 8015M  |                | n/a              | n/a      |

| Analyte       | Method     | Sample<br>Date | SP2 @<br>SURFACE | SP2 @ 6" |
|---------------|------------|----------------|------------------|----------|
|               |            |                | 12/2/13          | 12/2/13  |
|               |            |                | mg/Kg            | mg/Kg    |
| Benzene       | BTEX 8021B |                | <0.050           | n/a      |
| Toluene       | BTEX 8021B |                | <0.050           | n/a      |
| Ethylbenzene  | BTEX 8021B |                | <0.050           | n/a      |
| Total Xylenes | BTEX 8021B |                | <0.150           | n/a      |
| Total BTEX    | BTEX 8021B |                | <0.300           | n/a      |
| Chloride      | SM4500Cl-B |                | 32               | 96       |
| GRO           | TPH 8015M  |                | <10.0            | n/a      |
| DRO           | TPH 8015M  |                | 10.1             | n/a      |

| Analyte       | Method     | Sample<br>Date | SP3 @<br>SURFACE | SP3 @ 6" |
|---------------|------------|----------------|------------------|----------|
|               |            |                | 12/2/13          | 12/2/13  |
|               |            |                | mg/Kg            | mg/Kg    |
| Benzene       | BTEX 8021B |                | n/a              | n/a      |
| Toluene       | BTEX 8021B |                | n/a              | n/a      |
| Ethylbenzene  | BTEX 8021B |                | n/a              | n/a      |
| Total Xylenes | BTEX 8021B |                | n/a              | n/a      |
| Total BTEX    | BTEX 8021B |                | n/a              | n/a      |
| Chloride      | SM4500Cl-B |                | 832              | 640      |
| GRO           | TPH 8015M  |                | n/a              | n/a      |
| DRO           | TPH 8015M  |                | n/a              | n/a      |

| Analyte       | Method     | Sample<br>Date | SP4 @<br>SURFACE | SP4 @ 6" |
|---------------|------------|----------------|------------------|----------|
|               |            |                | 12/2/13          | 12/2/13  |
|               |            |                | mg/Kg            | mg/Kg    |
| Benzene       | BTEX 8021B |                | n/a              | n/a      |
| Toluene       | BTEX 8021B |                | n/a              | n/a      |
| Ethylbenzene  | BTEX 8021B |                | n/a              | n/a      |
| Total Xylenes | BTEX 8021B |                | n/a              | n/a      |
| Total BTEX    | BTEX 8021B |                | n/a              | n/a      |
| Chloride      | SM4500Cl-B |                | 160              | 160      |
| GRO           | TPH 8015M  |                | n/a              | n/a      |
| DRO           | TPH 8015M  |                | n/a              | n/a      |



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

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December 16, 2013

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: TWO MARKS 36 STATE #4

Enclosed are the results of analyses for samples received by the laboratory on 12/05/13 16:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

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

|                   |                       |                     |               |
|-------------------|-----------------------|---------------------|---------------|
| Received:         | 12/05/2013            | Sampling Date:      | 12/02/2013    |
| Reported:         | 12/16/2013            | Sampling Type:      | Soil          |
| Project Name:     | TWO MARKS 36 STATE #4 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN            | Sample Received By: | Jodi Henson   |
| Project Location: | INDIAN BASIN          |                     |               |

**Sample ID: SP 1 @ SURFACE (H302953-01)**

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |  |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>      | <b>2440</b> | 16.0            | 12/16/2013 | ND              | 432 | 108        | 400           | 3.77 |           |  |

**Sample ID: SP 1 @ 6 IN. (H302953-02)**

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |  |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>      | <b>2120</b> | 16.0            | 12/16/2013 | ND              | 432 | 108        | 400           | 3.77 |           |  |

**Sample ID: SP 2 @ SURFACE (H302953-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: CK |      |            |               |      |           |  | S-04 |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |      |
| Benzene*       | <0.050 | 0.050           | 12/06/2013 | ND              | 2.24 | 112        | 2.00          | 1.34 |           |  |      |
| Toluene*       | <0.050 | 0.050           | 12/06/2013 | ND              | 2.27 | 114        | 2.00          | 2.47 |           |  |      |
| Ethylbenzene*  | <0.050 | 0.050           | 12/06/2013 | ND              | 2.27 | 114        | 2.00          | 3.35 |           |  |      |
| Total Xylenes* | <0.150 | 0.150           | 12/06/2013 | ND              | 6.80 | 113        | 6.00          | 4.86 |           |  |      |
| Total BTEX     | <0.300 | 0.300           | 12/06/2013 | ND              |      |            |               |      |           |  |      |

Surrogate: 4-Bromofluorobenzene (PIC) 131 % 89.4-126

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |  |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>      | <b>32.0</b> | 16.0            | 12/16/2013 | ND              | 432 | 108        | 400           | 3.77 |           |  |

| TPH 8015M |        | mg/kg           |          | Analyzed By: ck |    |            |               |     |           |  |
|-----------|--------|-----------------|----------|-----------------|----|------------|---------------|-----|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed | Method Blank    | BS | % Recovery | True Value QC | RPD | Qualifier |  |
|           |        |                 |          |                 |    |            |               |     |           |  |

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

|                   |                       |                     |               |
|-------------------|-----------------------|---------------------|---------------|
| Received:         | 12/05/2013            | Sampling Date:      | 12/02/2013    |
| Reported:         | 12/16/2013            | Sampling Type:      | Soil          |
| Project Name:     | TWO MARKS 36 STATE #4 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN            | Sample Received By: | Jodi Henson   |
| Project Location: | INDIAN BASIN          |                     |               |

**Sample ID: SP 2 @ SURFACE (H302953-03)**

| TPH 8015M                            | mg/kg       |                 | Analyzed By: ck |              |     |            |               |      |           |  |
|--------------------------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| Analyte                              | Result      | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10                           | <10.0       | 10.0            | 12/06/2013      | ND           | 192 | 96.0       | 200           | 11.2 |           |  |
| <b>DRO &gt;C10-C28</b>               | <b>10.1</b> | 10.0            | 12/06/2013      | ND           | 190 | 95.1       | 200           | 12.5 |           |  |
| <i>Surrogate: 1-Chlorooctane</i>     |             |                 |                 |              |     |            |               |      |           |  |
|                                      | 103 %       | 65.2-140        |                 |              |     |            |               |      |           |  |
| <i>Surrogate: 1-Chlorooctadecane</i> |             |                 |                 |              |     |            |               |      |           |  |
|                                      | 100 %       | 63.6-154        |                 |              |     |            |               |      |           |  |

**Sample ID: SP 2 @ 6 IN. (H302953-04)**

| Chloride, SM4500Cl-B | mg/kg       |                 | Analyzed By: AP |              |     |            |               |      |           |  |
|----------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result      | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>      | <b>96.0</b> | 16.0            | 12/16/2013      | ND           | 432 | 108        | 400           | 3.77 |           |  |

**Sample ID: SP 3 @ SURFACE (H302953-05)**

| Chloride, SM4500Cl-B | mg/kg      |                 | Analyzed By: AP |              |     |            |               |      |           |  |
|----------------------|------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result     | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>      | <b>832</b> | 16.0            | 12/16/2013      | ND           | 432 | 108        | 400           | 3.77 |           |  |

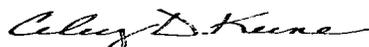
**Sample ID: SP 3 @ 6 IN. (H302953-06)**

| Chloride, SM4500Cl-B | mg/kg      |                 | Analyzed By: AP |              |     |            |               |      |           |  |
|----------------------|------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result     | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| <b>Chloride</b>      | <b>640</b> | 16.0            | 12/16/2013      | ND           | 432 | 108        | 400           | 3.77 |           |  |

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

|                   |                       |                     |               |
|-------------------|-----------------------|---------------------|---------------|
| Received:         | 12/05/2013            | Sampling Date:      | 12/02/2013    |
| Reported:         | 12/16/2013            | Sampling Type:      | Soil          |
| Project Name:     | TWO MARKS 36 STATE #4 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN            | Sample Received By: | Jodi Henson   |
| Project Location: | INDIAN BASIN          |                     |               |

**Sample ID: SP 4 @ SURFACE (H302953-07)**

| Chloride, SM4500Cl-B | mg/kg      | Analyzed By: AP |            |              |     |            |               |      |           |
|----------------------|------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>160</b> | 16.0            | 12/16/2013 | ND           | 432 | 108        | 400           | 3.77 |           |

**Sample ID: SP 4 @ 6 IN. (H302953-08)**

| Chloride, SM4500Cl-B | mg/kg      | Analyzed By: AP |            |              |     |            |               |      |           |
|----------------------|------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>160</b> | 16.0            | 12/16/2013 | ND           | 432 | 108        | 400           | 3.77 |           |

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



# CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   |  |                |  |                         |  |  |  |  |  |  |  |  |  |  |  |
|---|--|----------------|--|-------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: BBC International, Inc.     |  | <b>BILL TO</b> |  | <b>ANALYSIS REQUEST</b> |  |  |  |  |  |  |  |  |  |  |  |
| 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: Oxy             |  | City: Same     |  |                         |  |  |  |  |  |  |  |  |  |  |  |
| Project Name: Two marks 36 State #4       |  | State: Zip:    |  |                         |  |  |  |  |  |  |  |  |  |  |  |
| Project Location: Indian Basin            |  | Phone #:       |  |                         |  |  |  |  |  |  |  |  |  |  |  |
| Sampler Name: Goly RA7                    |  | Fax #:         |  |                         |  |  |  |  |  |  |  |  |  |  |  |

| FOR LAB USE ONLY |                  | (G)RAB OR (C)OMP.<br># CONTAINERS | MATRIX      |            |      |     |        |        |            | PRESERV.   |         | SAMPLING |      | CL | TPH | B-TEX |
|------------------|------------------|-----------------------------------|-------------|------------|------|-----|--------|--------|------------|------------|---------|----------|------|----|-----|-------|
| Lab I.D.         | Sample I.D.      |                                   | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER:  | DATE     | TIME |    |     |       |
| H302953          | 1 SP 2 @ surface | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 10:00    | X    |    |     |       |
|                  | 2 SP 2 @ 6in     | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 10:50    | X    |    |     |       |
|                  | 3 SP 2 @ surface | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 10:48    | X    | X  | X   |       |
|                  | 4 SP 2 @ 6in     | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 11:15    | X    |    |     |       |
|                  | 5 SP 3 @ surface | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 11:38    | X    |    |     |       |
|                  | 6 SP 3 @ 6in     | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 12:00    | X    |    |     |       |
|                  | 7 SP 4 @ surface | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 12:45    | X    |    |     |       |
|                  | 8 SP 4 @ 6in     | 6 2                               |             |            | X    |     |        |        | X          |            | 12-2-13 | 1:15     | X    |    |     |       |

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 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. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

|  |                             |  |  |                |
|--|-----------------------------|--|--|----------------|
| Relinquished By:   | Date: 12/5/13<br>Time: 4:45 | Received By: Jodi Benson   | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By:   | Date:                       | Received By:   | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No   | Add'l Fax #:   |
| Time:  |                             | REMARKS:   |  |                |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other: |                             | Sample Condition<br>Cool Intact<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | CHECKED BY:  |                |

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

|                 |                                    |               |                      |
|-----------------|------------------------------------|---------------|----------------------|
| Name of Company | Oxy Permian Ltd.                   | Contact       | Christopher Jones    |
| Address         | 1502 W. Commerce Dr., Carlsbad, NM | Telephone No. | (575) 628-4121       |
| Facility Name   | Two Marks 36 State #4              | Facility Type | Well location        |
| Surface Owner   | State                              | Mineral Owner | API No. 30-015-34833 |

**LOCATION OF RELEASE**

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County          |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|-----------------|
| O           | 36      | 21S      | 24E   | 670           | South            | 1905          | East           | Eddy County, NM |

Latitude N 32.43007° Longitude W 104.4490°

**NATURE OF RELEASE**

|  |   |   |                      |                            |        |
|--|---|---|----------------------|----------------------------|--------|
| Type of Release  | Produced water  | Volume of Release                         | 90 bbls              | Volume Recovered           | 0 bbls |
| Source of Release  | 4" steel disposal line  | Date and Hour of Occurrence               | 09/26/2013           | Date and Hour of Discovery |        |
| Was Immediate Notice Given?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?                          | Mike Bratcher- OCD   |                            |        |
| By Whom?   | Christopher Jones   | Date and Hour                             | 09/30/2013 @ 9:07 am |                            |        |
| Was a Watercourse Reached?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                       | If YES, Volume Impacting the Watercourse. |                      |                            |        |
| If a Watercourse was Impacted, Describe Fully.*  |   |   |                      |                            |        |
| Describe Cause of Problem and Remedial Action Taken.*  |   |   |                      |                            |        |
| A leak in a 4" steel disposal line caused 90 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired/replaced.  |   |   |                      |                            |        |
| Describe Area Affected and Cleanup Action Taken.*  |   |   |                      |                            |        |
| The area affected is approximately 350' x 30'. Remediation will be completed in accordance with an approved plan from 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. |   |   |                      |                            |        |

**OIL CONSERVATION DIVISION**

|   |                                  |                  |                                   |
|---|----------------------------------|------------------|-----------------------------------|
| Signature:                                | Approved by District Supervisor: |                  |                                   |
| Printed Name: Christopher Jones           |                                  |                  |                                   |
| Title: HES Specialist                     | Approval Date:                   | Expiration Date: |                                   |
| E-mail Address: Christopher.Jones@oxy.com | Conditions of Approval:          |                  | Attached <input type="checkbox"/> |
| Date: 10-8-13                             | Phone: (575) 628-4121            |                  |                                   |

\* Attach Additional Sheets If Necessary