

EOG Resources, Inc. Artesia Division Office 104 S. 4<sup>th</sup> Street Artesia, N. M. 88210

August 28, 2022

Bradford Billings EMNRD 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Vince BGH #1

30-025-37104 J-30-9S-35E Lea County, NM 1RP-3449

Incident # nTO1434537071

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site which currently has an open incident on the NMOCD E-Permitting website. The report is being submitted in reference to the C-141 Initial dated May 4, 2012. EOG Resources, Inc. has included a C-141 Final on the most current form in this Closure Report, and hereby requests closure of the open incident.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chase Settle

Rep Safety & Environmental Sr

EOG Resources, Inc.

Chase Settle



August 28, 2022

Vince BGH #1

**Closure Report** 

30-025-37104

J-30-9S-35E

Lea County, NM

August 28, 2022

nTO1434537071



August 28, 2022

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August 28, 2022

#### I. Location

The site is located in Lea County, New Mexico approximately 3.5 miles west of Crossroads.

#### II. Background

On April 25, 2012, Yates Petroleum Corporation (YPC) had a release of 25 barrels produced water at a tinhorn located just south of the Vince BGH #1 battery. The cause of the release was unknown, but it was suspected that cattle may have damaged the 6-inch poly pipeline where the fluids were released from due to the hoof signs around the break. A vacuum truck was immediately dispatched to the site upon discovery of the release and able to recover 25 barrels of fluid. The area impacted was approximately 20 feet by 10 feet around the valve tinhorns. A dirt contractor was mobilized to the site to begin excavation of the visually impacted soils, with the excavated soils being hauled to a NMOCD approved disposal facility. A C-141 Initial (Appendix A) was submitted to NMOCD on May 4, 2012. Initial excavation depth completed prior to sample collection was approximately six (6) inches below grade surface (bgs). On May 10, 2012, after the visually impacted soils had been excavated, initial vertical delineation was completed with samples collected from one (1) to three (3) feet bgs. Based on the laboratory results and depth to groundwater greater than 100 feet bgs for the site, a C-141 Final was submitted at that time for the release. The laboratory results returned no BTEX or TPH concentrations above the Recommended Remediation Action Levels published in the Spill Remediation Guidelines, and without a published chloride action level this was still a common practice. This information is included as part of Appendix C.

#### III. Scope of Work Completed

At the end of 2016, there was a produced water transfer line release near this site, which prompted the surface owner to inquire about the status of this release (1RP-3449) since the excavation remained open. At the time of inspection with the landowner, the release area had previously undergone further excavation, and now was to a depth of four (4) feet bgs. On April 17, 2017, sidewall and bottom hole confirmation sampling was conducted within the excavation to determine if the site had been sufficiently excavated for backfill to commence, and for final remediation activities to be completed. All samples tested below 250 mg/kg for chloride concentration, confirming that the site required no further remediation activities. Based on the confirmation soil analysis, a Form C-141 Final and supporting documentation was submitted requesting closure for the site on May 5, 2017, and again on June 5, 2017, and again on July 10, 2017. NMOCD responded on July 11, 2017, in which they mandated the installation of a liner prior to backfill of the release site. This documentation is included as Appendix B. Due to the NMOCD mandate of installation of a liner prior to backfill. EOG proceeded to reorganize with the dirt contractor to install a 20 ml synthetic liner prior to the backfill activities. The liner was installed in the bottom of the four (4) foot bgs excavation and the site was immediately backfilled on July 18, 2017.

#### IV. Closure Request

This release, remediation work, and original C-141 Final submissions occurred prior to the passage of the current Spill Rule (NMAC 19.15.29), however the work which was performed still meets, even exceeds, the requirements of the current Spill Rule. This site was excavated to a point where all soils tested below 250 mg/kg concentration for chloride, a lower threshold than the most stringent requirements of Table 1 within the current Spill Rule, and as a stipulation from NMOCD a 20 ml synthetic liner was installed in the bottom of the excavation.

Based on the completion of these remediation activities, EOG Resources, Inc. requests Closure of nTO1434537071, the current C-141 Closure Form is included with this Closure Report as Appendix D.

energy opportunity growth



August 28, 2022

## Site Map





August 28, 2022

## Soil Analytical Table

| Sample<br>ID | Depth<br>(ft. | Date    | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH<br>(GRO) | TPH<br>(DRO) | TPH<br>EXT | Total<br>TPH | Chlorides |
|--------------|---------------|---------|---------|---------|--------------|---------|------|--------------|--------------|------------|--------------|-----------|
|              | bgs)          |         |         |         |              |         |      | (5.1.5)      | (2.1.0)      | DRO        |              |           |
| Comp 1.0     | 1             | 5/10/12 | ND      | ND      | ND           | ND      | ND   | ND           | ND           | -          | ND           | 1700      |
| Comp 2.0     | 2             | 5/10/12 | ND      | ND      | ND           | ND      | ND   | ND           | ND           | -          | ND           | 1300      |
| Comp 3.0     | 3             | 5/10/12 | ND      | ND      | ND           | ND      | ND   | ND           | ND           | -          | ND           | 1900      |
|              |               |         |         |         |              |         |      |              |              |            |              |           |
| W            | 0-4           | 4/17/17 | -       | -       | -            | -       | -    | -            | -            | -          | -            | ND        |
| S            | 0-4           | 4/17/17 | -       | -       | -            | -       | -    | -            | -            | -          | -            | ND        |
| N            | 0-4           | 4/17/17 | -       | -       | -            | -       | -    | -            | -            | -          | -            | ND        |
| E            | 0-4           | 4/17/17 | -       | -       | -            | -       | -    | -            | -            | -          | -            | ND        |
| Ex-4         | 4             | 4/17/17 | -       | -       | -            | -       | -    | -            | -            | -          | -            | 8.5       |
| Ex-5         | 5             | 4/17/17 | -       | -       | -            | -       | -    | -            | -            | -          | -            | ND        |



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## **Photos**





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# Appendix A Original C-141 Initial

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District 1 1625 N. French Dr., Hobbs, NM 88240

1000 Rio Brazos Road, Aztec, NM 87410

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico

District III

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

|                           |   |  |   | O]   | PERA                                   | ATOR            |  | ⊠ Iı   | nitial Report                         |                                       | Final Report                            |  |  |  |  |
|---------------------------|---|--|---|--|--|-----------------|--|--|---------------------------------------|---------------------------------------|---|--|--|--|--|
| Name of Co                | • •                                     |  | *************************************** | OGRID Nun  | nber                                   | Contact         | ·                                      |  |                                       |                                       |   |  |  |  |  |
| Yates Petro               | leum Corpo                              | oration  |   | 25575  |  | Robert Ash      | er                                     |  |                                       |                                       |   |  |  |  |  |
| Address                   |   | •  |   | ,  |  | Telephone 1     | No.                                    |  |                                       |                                       |   |  |  |  |  |
| 104 S. 4 <sup>TH</sup> S  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | ······································   | ···                                     |  |  | 575-748-14      | 71                                     |  |                                       |                                       |   |  |  |  |  |
| Facility Nat              | -                                       |  |   | API Number   | j                                      | Facility Typ    | e                                      | 1          |                                       |                                       | *************************************** |  |  |  |  |
| Vince BGH                 | #1                                      |  | ·····                                   | 30-025-37104   | 1 ]                                    | Battery         | ······································ | ***  |                                       | -                                     |   |  |  |  |  |
| Surface Ow                | 7301                                    |  |   | Minnest  | 1                                      | mar XI-         |  |  |                                       |                                       |   |  |  |  |  |
| Fee Surface Ow            | ner                                     |  |   | Mineral C  |  |                 |  | Lea  | ase No.                               |                                       |   |  |  |  |  |
| 1.00                      | <del></del>                             |  | ······································  | State  | <del></del>                            | <b>Name</b>     |  |  | · · · · · · · · · · · · · · · · · · · |                                       | <u> </u>                                |  |  |  |  |
|                           |   |  |   | LOCA   | OITA                                   | N OF RE         | LEASE                                  |  |                                       |                                       |   |  |  |  |  |
| Unit Letter               | Section                                 | Township   | Range                                   | Feet from the  | T                                      | h/South Line    | Feet from the                          | East/West L                                      | ine. County                           | ,                                     |   |  |  |  |  |
| ]                         | 30                                      | 9S   | 35E                                     | 1980   |  | South           | 1750                                   | East   | Lea                                   |                                       |   |  |  |  |  |
|                           |   |  |   |  | ,                                      |                 |  |  |                                       |                                       | h                                       |  |  |  |  |
|                           |   |  |   | Latitude 33.   | รถสสว                                  | Longitud        | n 103 30680                            |  |                                       |                                       |   |  |  |  |  |
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|                           |   |  |   | NAT  | URI                                    | E OF REL        | EASE                                   |  |                                       |                                       |   |  |  |  |  |
| Type of Rele              | ase                                     | ······································   |   |  |  | Volume of       | `Release                               | Voli   | ıme Recovere                          | d                                     |   |  |  |  |  |
| Produced Wa               |   |  |   |  |  | 25 B/PW         | ······································ | 25 B   | 3/PW                                  | · · · · · · · · · · · · · · · · · · · |   |  |  |  |  |
| Source of Re              | ',                                      |  |   |  | •                                      | •               | Iour of Occurrence                     | `  | and Hour of                           | Discovery                             | <i>y</i>                                |  |  |  |  |
| Pipeline poly             |   | · · · · · · · · · · · · · · · · · · ·  |   |  |  | 4/25/2012       | <del> </del>                           | 4/25   | /2012 - PM                            |                                       | <u></u>                                 |  |  |  |  |
| Was Immedi                | ate Notice (                            |  | Var 🗀                                   | No Not R   | aniles.                                | If YES, To      |  | alian Allen                                      | 1 /TF                                 |                                       |   |  |  |  |  |
|                           | <u> </u>                                |  | 168                                     | NO LI NOUK   | equirec                                | E.L. Gonz       | ales & Geoffrey L                      | .eking/NMOC                                      | A) I                                  |                                       |   |  |  |  |  |
| By Whom?                  |   |  |   |  |  | Date and I      |  |  |                                       |                                       |   |  |  |  |  |
|                           |   | um Corporati   | on                                      |  | ······································ | 4/26/2012       |  | .1 182   |                                       |                                       |   |  |  |  |  |
| Was-a Water               | course Keac                             | nea <i>!</i>   | Yes 🔯                                   | 'No  |  | N/A             | olume Impacting                        | the Watercour                                    | ·se:                                  |                                       |   |  |  |  |  |
| If a Waterco              | urse was Im                             | pacted, Descr  | <del></del>                             |  |  | 1877            |  | <del>*************************************</del> |                                       |                                       |   |  |  |  |  |
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| Describe Car              | use of Proble                           | em and Reme  | dial Action                             | Taken.*  |  |                 | ······································ |  |                                       |                                       |   |  |  |  |  |
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|                           |   |  |   | me. Vacuum tru   | ck čall                                | ed. Pipeline re | paired.                                | <del> </del>                                     | <u></u>                               | <u> </u>                              | · · · · · · · · · · · · · · · · · · ·   |  |  |  |  |
| 1                         |   | and Cleanup A  |   |  | 9.1                                    |                 | , , ,                                  |  |                                       | 315 4                                 | o an                                    |  |  |  |  |
|                           |   |  |   |  |  |                 | r. Impacted soils ca will be analyze   |  |                                       |                                       |   |  |  |  |  |
|                           |   |  |   |  |  | <u>-</u>        | be submitted to th                     |  | -                                     | ,                                     | ,                                       |  |  |  |  |
|                           |   |  |   |  |  |                 | Ground Water:                          |  |                                       |                                       |   |  |  |  |  |
| L                         |   |  |   | SITE RANKIN  |  |                 | . "                                    |  |                                       | •                                     |   |  |  |  |  |
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| )                         | •                                       |  |   | -  | •                                      | •               | ve the operator of                     | _  |                                       | •                                     |   |  |  |  |  |
|                           |   | ws and/or regu   | •                                       |  | ropsore                                |                 | vo mo operaco. Vi                      | - Copyrion                                       | ro, ov.mpmm                           |                                       | 13 (0000)                               |  |  |  |  |
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| D. 1.3.22                 |   | nda =  |   |  |  | Approved by     | District Supervi                       |  |                                       |                                       |   |  |  |  |  |
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| E-mail Addi               | css: boba@                              | yatespetroleui   | m.com                                   |  |  | Conditions      | of Approval:                           |  | 4                                     |                                       |   |  |  |  |  |
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| Date: Friday              | , May 04, 2                             | 012.   | Phone: 57:                              | 5-748-4217   |  | 144             | Seite Sypan                            | lut an   | - IR                                  | P-3499                                | <u></u>                                 |  |  |  |  |
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August 28, 2022

# **Appendix B**Email Correspondence

energy opportunity growth

From: Yu, Olivia, EMNRD

To: <u>Bob Asher</u>; <u>Billings, Bradford, EMNRD</u>

Cc: Chase Settle; Katie Parker

**Subject:** RE: Form C-141 Final Report (Vince BGH #1, 5/5/2017)

**Date:** Tuesday, July 11, 2017 10:23:34 AM

Attachments: <u>image001.png</u>

\*\*External email. Use caution.\*\*

Good morning Mr. Asher:

NMOCD will consider the delineation/ release characterization as complete for 1RP-3449. Please submit a closure report with the final C-141. At a minimum, the closure report must include 1) a scaled map with the dimensions and depth of the excavated area clearly demarcated; and 2) placement of liner stated. Please confirm.

Thanks,

Olivia Yu Environmental Specialist NMOCD, District I Olivia.yu@state.nm.us 575-393-6161 x113

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:** Bob Asher [mailto:Bob\_Asher@eogresources.com]

**Sent:** Monday, July 10, 2017 2:06 PM

**To:** Yu, Olivia, EMNRD < Olivia. Yu@state.nm.us>

**Cc:** Chase Settle < Chase\_Settle@eogresources.com>; Katie Parker

<Katie\_Parker@eogresources.com>

**Subject:** RE: Form C-141 Final Report (Vince BGH #1, 5/5/2017)

Ms. Yu,

On June 5, 2017, I emailed you in regards to the Vince BGH #1 release that occurred on April 25, 2012. I have yet to hear back a response to that email, so due to the sample results that were submitted for that open excavation through email on 5/5/2017, in which samples were taken in all 4 cardinal directions and in the bottom of the excavation, with no chloride concentrations above 250 mg/kg, and EOG Y currently employing a contractor in the area, this release will be backfilled on July 18, 2017, then a C-141 Final will be submitted for closure.

Thank you,

#### Robert C. "Bob" Asher

**Environmental Supervisor** 

Safety & Environmental Department

EOG Resources, Inc.

Artesia Division

**EOG Safety Begins With YOUR Safety** 



From: Bob Asher

Sent: Monday, June 5, 2017 4:03 PM

To: 'Yu, Olivia, EMNRD' < Olivia. Yu@state.nm.us>

**Cc:** Chase Settle < < Chase Settle@eogresources.com >; Katie Parker

<<u>Katie\_Parker@eogresources.com</u>>

**Subject:** RE: Form C-141 Final Report (Vince BGH #1, 5/5/2017)

Ms. Yu,

Based on the attached email from Mr. Oberding, EOG Resources, Inc. is requesting closure of 1RP-3449 so the excavation can be backfilled and seeded. EOG has meet the conditions including Delineation to 250mg/kg of ~Cl and the consideration of a liner.

Thank you,

#### Robert C. "Bob" Asher

**Environmental Supervisor** 

Safety & Environmental Department

EOG Resources. Inc.

Artesia Division

**EOG Safety Begins With YOUR Safety** 



From: Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]

**Sent:** Thursday, May 18, 2017 12:35 PM

**To:** Bob Asher < Bob\_Asher@eogresources.com > **Cc:** Chase Settle < Chase\_Settle@eogresources.com >

**Subject:** RE: Form C-141 Final Report (Vince BGH #1, 5/5/2017)

\*\*External email. Use caution.\*\*

Dear Mr. Asher:

Do you have the email from Tomáš, dated March 15, 2015, stipulating excavation depth and placement of the liner?

Thanks, Olivia

**From:** Bob Asher [mailto:Bob\_Asher@eogresources.com]

**Sent:** Friday, May 5, 2017 10:51 AM

**To:** Yu, Olivia, EMNRD < <u>Olivia.Yu@state.nm.us</u>> **Cc:** Chase Settle < <u>Chase Settle@eogresources.com</u>>

**Subject:** Form C-141 Final Report (Vince BGH #1, 5/5/2017)

Thank you,

#### Robert C. "Bob" Asher

Environmental Supervisor
Safety & Environmental Department
EOG Resources, Inc.
Artesia Division
Artesia, NM 88210
575-748-4217 (Office)
575-365-4021 (Cell)

**EOG Safety Begins With YOUR Safety** 

**eog resources** 

From: Oberding, Tomas, EMNRD

To: Bob Asher
Subject: RE: Vince BGH #1

**Date:** Tuesday, December 16, 2014 10:53:10 AM

Aloha Bob,

As this is an active site, OCD conditionally approves temporary closure of this event. Conditions include-

Delineation to 250mg/kg of ~Cl

Consideration of a liner.

Mahalo for your diligence.

-Doc

Tomáš 'Doc' Oberding, PhD
Senior Environmental Specialist
New Mexico Oil Conservation Division, District 1
Energy, Minerals and Natural Resources Department
(575) 393-6161 ext 111

E-Mail: tomas.oberding@state.nm.us

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

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

**From:** Bob Asher [mailto:BobA@yatespetroleum.com] **Sent:** Wednesday, December 10, 2014 3:53 PM

**To:** Oberding, Tomas, EMNRD **Subject:** Vince BGH #1

Doc,

I am re-submitting the Form C-141 Initial Report (5/4/2012) and the Form C-141 Final Report and supporting documentation (6/6/2012) for the above release. Based on analytical results that then showed after impacted soils to a depth of three (3) feet, chlorides at 1900 ppm. The depth to ground water is greater than 100' (approximately 135' per the ChevronTexaco Trend Map) and Yates would like to request closure and propose backfilling the entire excavation (approximately 20' X 20') with packed caliche to serve as a clay liner. I did not find the Initial and or the Final C-141 scanned in the OCD Online system.

Call me if there are any questions.

Thank you.

#### **Robert Asher**

NM Environmental Regulatory Supervisor

**Yates Petroleum Corporation** 

105 S. 4<sup>th</sup> Street Artesia, NM 88210 575-748-4217 (Office) 575-365-4021 (Cell)

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August 28, 2022

# Appendix C Original C-141 Final Reports

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Form C-141 Revised October 10, 2003

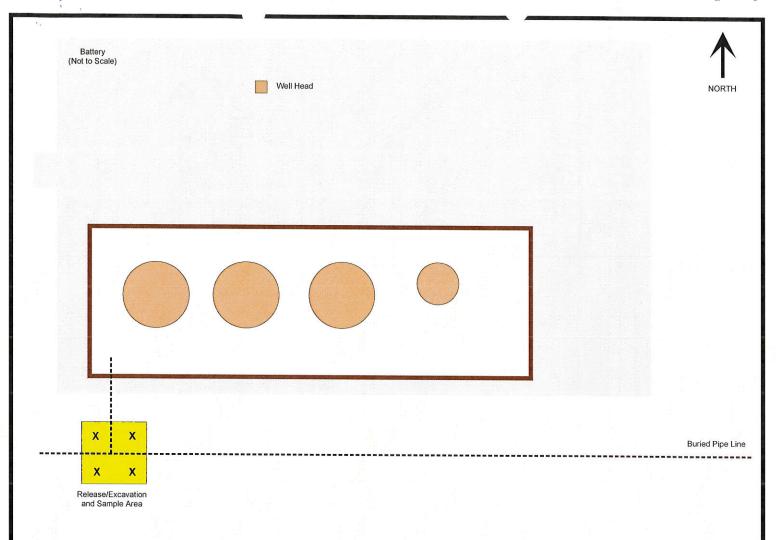
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

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

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

| THE PARTY OF THE P | CONTRACTOR OF THE PARTY OF THE | ENTERNIE DE LA COMP    | HEREN BURGERSHOULD | With the San Land Control of the Con | III SANTER VI         | -                          |   | CONSTRUCTION OF THE PARTY OF |              |               |                    |                |  |
|--|---|------------------------|--------------------|--|-----------------------|----------------------------|---|------------------------------|--------------|---------------|--------------------|----------------|--|
| Release Notification and Corrective Action   |   |                        |                    |  |                       |                            |   |                              |              |               |                    |                |  |
|  |   |                        |                    | Ol   | PERA                  | TOR                        |   | Report                       | $\boxtimes$  | Final Report  |                    |                |  |
| Name of Co   |   |                        |                    | OGRID Nun  |                       | Contact                    |   |                              |              |               |                    |                |  |
| Yates Petro  | leum Corp   | oration                |                    | 25575  |                       | Robert Ashe                |   |                              |              |               |                    |                |  |
| Address<br>104 S. 4 <sup>TH</sup> S  | Street  |                        |                    |  |                       | Telephone N<br>575-748-14' |   |                              |              |               |                    |                |  |
| Facility Nat   |   |                        |                    | API Number   |                       | Facility Typ               |   |                              | :            |               |                    |                |  |
| Vince BGH  |   |                        |                    | 30-025-37104   | 9 1 8                 | Battery                    |   |                              |              |               |                    |                |  |
| Surface Ow   | mar   |                        |                    | Mineral C  | )vvmor                |                            |   |                              |              |               |                    |                |  |
| Fee Surface Ow   | TICI  |                        |                    | State  | Wilei                 |                            |   |                              | Lease N      | 0.            |                    |                |  |
|  |   |                        |                    |  |                       | V OF PER                   |   |                              |              |               |                    | Ni Ni          |  |
| T.I's T. see   | C4:   | T1:                    | T D                | Feet from the  |                       | N OF REI                   |   | F (0)                        |              | 0             |                    |                |  |
| Unit Letter<br>J   | Section 30  | Township<br>9S         | Range<br>35E       | 1980   | and the second second | South Line                 | Feet from the 1750                                    | East/We                      | est Line     | County<br>Lea |                    |                |  |
|  |   |                        |                    |  |                       |                            |   |                              |              |               |                    |                |  |
|  | <b>Latitude</b> 33.50332 <b>Longitude</b> 103.39680   |                        |                    |  |                       |                            |   |                              |              |               |                    |                |  |
|  |   |                        |                    |  |                       |                            |   |                              |              |               |                    |                |  |
| Type of Rele   | NATURE OF RELEASE  /pe of Release   |                        |                    |  |                       |                            |   |                              |              |               |                    |                |  |
| Produced Wa  |   |                        |                    |  |                       | 25 B/PW                    | Release   |                              | 25 B/PW      | ccovered      |                    |                |  |
| Source of Re   |   | 7                      |                    | -  |                       |                            | Hour of Occurrence                                    |                              |              | Hour of Di    | scover             | У              |  |
| Pipeline poly<br>Was Immedi  |   | Given?                 |                    |  |                       | 4/25/2012<br>If YES, To    |   |                              | 4/25/2012    | - PM          |                    | =              |  |
| vv as immedi   | ate rottee  |                        | Yes [              | ] No ☐ Not R   | equired               |                            | ales & Geoffrey L                                     | _eking/NN                    | MOCD I       |               |                    |                |  |
| By Whom?   |   |                        |                    |  |                       | Date and I                 |   |                              |              | _             |                    | -              |  |
|  |   | eum Corporat           | ion                |  |                       | 4/26/2012                  |   |                              | 3            |               |                    |                |  |
| Was a Water  | rcourse Rea   | ched?                  | Yes 🗵              | 7 No   |                       | N/A                        | olume Impacting t                                     | the Water                    | course.      |               |                    |                |  |
| If a Waterco   | urse was In   | npacted, Desci         |                    |  |                       | 14/21                      |   |                              |              |               |                    |                |  |
| N/A  | CD 1  |                        |                    | T.1 *  |                       |                            | <u> </u>  |                              |              |               |                    |                |  |
|  |   | lem and Reme           |                    |  | nolyline              | causing rele               | ase. Spill reason i                                   | in accume                    | d due to c   | attle tracks  | and fo             | encing around  |  |
|  |   |                        |                    | time. Vacuum tru   |                       |                            |   | in assume                    | a due to e   | attic tracks  | and it             | chenig around  |  |
|  |   | and Cleanup            |                    |  |                       |                            |   |                              |              |               |                    |                |  |
|  |   |                        |                    |  |                       |                            | <ul> <li>Impacted soils ea will be analyze</li> </ul> |                              |              |               |                    |                |  |
| initial analyt   | tical results   | for TPH/BTE            | X are und          | er RRAL's a Fina   | l Report              | t, C-141 will l            | e submitted to th                                     | e NMOC                       | D requesti   | ng closure    | . If the           | e analytical   |  |
| results are al   | bove the RF   | RAL, a work p          | lan will be        | e submitted to the   | NMOC                  | D. Depth to                | Ground Water: > pth to ground wa                      | >100' (ap                    | prox. 135    | '), Wellhe    | ad Pro             | otection Area: |  |
|  |   |                        |                    | tes Petroleum Co   |                       |                            |   | ater, imp                    | acted som    | s excavate    | a/rem              | oved, all      |  |
| I hereby cer   | tify that the   | information g          | given abov         | e is true and comp   | plete to t            | the best of my             | knowledge and u                                       |                              |              |               |                    |                |  |
| regulations a  | all operators   | s are required         | to report a        | nd/or file certain   | release r             | notifications a            | nd perform correct<br>narked as "Final R              | ctive actio                  | ons for rele | eases whic    | h may              | endanger       |  |
| should their   | operations  | have failed to         | adequatel          | y investigate and  | remedia               | te contaminat              | ion that pose a thi                                   | reat to gro                  | ound water   | r, surface v  | erator<br>vater. l | or nability    |  |
| should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surfor the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for complete the operator of responsibil |   |                        |                    |  |                       |                            |   |                              |              |               | with a             | ny other       |  |
| federal, state   | e, or local la  | iws and/or reg         | gulations.         |  |                       | - 4                        | OH CON  | CEDY                         | ATION        | DIVIGI        | ONT                | -3             |  |
|  |   | ) (                    | 1                  |  |                       |                            | OIL CON   | SERV                         | ATION        | DIVISI        | <u>ON</u>          |                |  |
| Signature:   |   | JAL                    | 4                  | •  |                       |                            |   |                              |              |               |                    |                |  |
| Printed Nan  | ne: Robert A  | Asher                  |                    |  |                       | Approved by                | District Supervis                                     | sor:                         |              |               |                    |                |  |
| I Inicoa I tan   | 1000111   |                        |                    |  |                       |                            | -   |                              |              |               |                    |                |  |
| Title: Envir   | onmental R  | egulatory Age          | ent                | 11   |                       | Approval Da                | nte:  | E                            | xpiration    | Date:         |                    |                |  |
| E-mail Add   | ress: boba@   | yatespetroleu          | ım.com             |  |                       | Conditions of              | of Approval:  |                              |              |               |                    |                |  |
|  | 29 50.  | NAME OF TAXABLE PARTY. | 70.00              |  |                       | Attached _                 |   |                              |              |               |                    |                |  |
| Date: Wedn   | esday. June   | 06, 2012               | Phot               | ne: 575-748-4217   |                       | 1RP-                       |   |                              |              | 1             |                    |                |  |



| Analytical Report-<br>1205516 | Sample Area  | Sample Date | Sample Type | Depth | BTEX | GRO | DRO | TOTAL | Chlorides |
|-------------------------------|--------------|-------------|-------------|-------|------|-----|-----|-------|-----------|
| Comp-01.0                     | Release Area | 5/10/2012   | Comp/Shovel | 12"   | ND   | ND  | ND  | ND    | 1700      |
| Comp-02.0                     | Release Area | 5/10/2012   | Comp/Shovel | 24"   | ND   | ND  | ND  | ND    | 1300      |
| Comp-03.0                     | Release Area | 5/10/2012   | Comp/Shovel | 36"   | ND   | ND  | ND  | ND    | 1900      |

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 135', per Trend Map).

All results are ppm. Chlorides for documentation.

Released: 25 B/PW; Recovered: 25 B/PW. Release Date: 4/25/2012



Vince BGH #1

30-025-37104

Section 30, T9S-R35E

Lea County, NM

**ENVIRONMENTAL SAMPLE DIAGRAM** 

(Not to Scale)

June 6, 2012

Prepared by YPC Environmental Division



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 18, 2012

Robert Asher Yates Petroleum 105 South 4th Artesia, NM 88210 TEL: (575) 748-4217

FAX

RE: Vince BGH #1

OrderNo.: 1205516

#### Dear Robert Asher:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/11/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1205516

Date Reported: 5/18/2012

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-01.0

Vince BGH #1

Collection Date: 5/10/2012 10:18:00 AM

Lab ID: 1205516-001

Project:

Matrix: SOIL Received Date: 5/11/2012 9:15:00 AM

| Analyses                      | Result     | RL Qu    | al Units | DF | Date Analyzed        |
|-------------------------------|------------|----------|----------|----|----------------------|
| EPA METHOD 8015B: DIESEL RANG | E ORGANICS |          |          |    | Analyst: JMP         |
| Diesel Range Organics (DRO)   | ND         | 9.7      | mg/Kg    | 1  | 5/16/2012 9:52:33 AM |
| Surr: DNOP                    | 97.4       | 82.1-121 | %REC     | 1  | 5/16/2012 9:52:33 AM |
| EPA METHOD 8015B: GASOLINE RA | NGE        |          |          |    | Analyst: NSB         |
| Gasoline Range Organics (GRO) | ND         | 4.8      | mg/Kg    | 1  | 5/16/2012 2:39:16 PM |
| Surr: BFB                     | 105        | 69.7-121 | %REC     | 1  | 5/16/2012 2:39:16 PM |
| EPA METHOD 8021B: VOLATILES   |            |          |          |    | Analyst: NSB         |
| Benzene                       | ND         | 0.048    | mg/Kg    | 1  | 5/16/2012 2:39:16 PM |
| Toluene                       | ND         | 0.048    | mg/Kg    | 1  | 5/16/2012 2:39:16 PM |
| Ethylbenzene                  | ND         | 0.048    | mg/Kg    | 1  | 5/16/2012 2:39:16 PM |
| Xylenes, Total                | ND         | 0.097    | mg/Kg    | 1  | 5/16/2012 2:39:16 PM |
| Surr: 4-Bromofluorobenzene    | 93.6       | 80-120   | %REC     | 1  | 5/16/2012 2:39:16 PM |

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 1 of 6

Lab Order 1205516

Date Reported: 5/18/2012

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-02.0

Project: Vince BGH #1

Collection Date: 5/10/2012 10:33:00 AM

Lab ID: 1205516-002

Received Date: 5/11/2012 9:15:00 AM

| Analyses                      | Result      | RL Qu    | al Units | DF | Date Analyzed        |
|-------------------------------|-------------|----------|----------|----|----------------------|
| EPA METHOD 8015B: DIESEL RAN  | GE ORGANICS |          |          |    | Analyst: JMP         |
| Diesel Range Organics (DRO)   | ND          | 9.8      | mg/Kg    | 1  | 5/16/2012 1:49:46 PM |
| Surr: DNOP                    | 104         | 82.1-121 | %REC     | 1  | 5/16/2012 1:49:46 PM |
| EPA METHOD 8015B: GASOLINE R  | ANGE        |          |          |    | Analyst: NSB         |
| Gasoline Range Organics (GRO) | ND          | 5.1      | mg/Kg    | 1  | 5/16/2012 3:08:01 PM |
| Surr: BFB                     | 103         | 69.7-121 | %REC     | 1  | 5/16/2012 3:08:01 PM |
| EPA METHOD 8021B: VOLATILES   |             |          |          |    | Analyst: NSB         |
| Benzene                       | ND          | 0.051    | mg/Kg    | 1  | 5/16/2012 3:08:01 PM |
| Toluene                       | ND          | 0.051    | mg/Kg    | 1  | 5/16/2012 3:08:01 PM |
| Ethylbenzene                  | ND          | 0.051    | mg/Kg    | 1  | 5/16/2012 3:08:01 PM |
| Xylenes, Total                | ND          | 0.10     | mg/Kg    | 1  | 5/16/2012 3:08:01 PM |
| Surr: 4-Bromofluorobenzene    | 92.3        | 80-120   | %REC     | 1  | 5/16/2012 3:08:01 PM |

Matrix: SOIL

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 2 of 6

Lab Order 1205516

Date Reported: 5/18/2012

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-03.0

Project: Vince BGH #1

Collection Date: 5/10/2012 10:41:00 AM

Lab ID: 1205516-003

Received Date: 5/11/2012 9:15:00 AM

| Analyses                      | Result     | RL Q     | ıal Units | DF | Date Analyzed        |
|-------------------------------|------------|----------|-----------|----|----------------------|
| EPA METHOD 8015B: DIESEL RANG | E ORGANICS |          |           |    | Analyst: JMP         |
| Diesel Range Organics (DRO)   | ND         | 10       | mg/Kg     | 1  | 5/16/2012 2:14:54 PM |
| Surr: DNOP                    | 94.3       | 82.1-121 | %REC      | 1  | 5/16/2012 2:14:54 PM |
| EPA METHOD 8015B: GASOLINE RA | ANGE       |          |           |    | Analyst: NSB         |
| Gasoline Range Organics (GRO) | ND         | 4.8      | mg/Kg     | 1  | 5/16/2012 3:36:46 PM |
| Surr: BFB                     | 105        | 69.7-121 | %REC      | 1  | 5/16/2012 3:36:46 PM |
| EPA METHOD 8021B: VOLATILES   |            |          |           |    | Analyst: NSB         |
| Benzene                       | ND         | 0.048    | mg/Kg     | 1  | 5/16/2012 3:36:46 PM |
| Toluene                       | ND         | 0.048    | mg/Kg     | 1  | 5/16/2012 3:36:46 PM |
| Ethylbenzene                  | ND         | 0.048    | mg/Kg     | 1  | 5/16/2012 3:36:46 PM |
| Xylenes, Total                | ND         | 0.096    | mg/Kg     | 1  | 5/16/2012 3:36:46 PM |
| Surr: 4-Bromofluorobenzene    | 94.4       | 80-120   | %REC      | 1  | 5/16/2012 3:36:46 PM |

Matrix: SOIL

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 3 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

### Sample Log-In Check List

| _            |              | and the same of th | THE PARTY NAMED IN COLUMN TWO           | THE RESERVE OF THE PERSON NAMED IN   | مراوات الكالمانية |             | _                 | -                                       |              |                                |           | THE RESIDENCE OF THE PARTY OF T |
|--------------|--------------|--|---|--|-------------------|-------------|-------------------|---|--------------|--------------------------------|-----------|--|
| Client N     | lame:        | Yates Retrol   | eum Corporatio                          | n  | Wo                | rk Orde     | er Ni             | umbe                                    | r. 12        | 205516                         |           |  |
| Receive      | ed by/date   |  |   | 05/11/12   |                   |             |                   |   |              |                                |           |  |
| Logged       | Ву:          | Lindsay Mar  | ngin                                    | 5/11/2012 9:15:  | 00 AM             |             |                   | 6                                       | Junely!      | Hla <del>go</del> o            |           |  |
| Comple       | eted By:     | Lindsay Mar  | ngin                                    | 5/11/2012 9:52:  | 40 AM             |             |                   | 6                                       | Junely       | Hlago                          |           |  |
| Review       | ed By: ==    | DOS/14   | ho                                      |  |                   |             |                   |   |              |                                |           |  |
| Chain        | of Cust      | od <u>v</u>  |   |  |                   |             |                   |   |              |                                |           |  |
| 1. We        | ere seals i  | ntact?   |   |  |                   | Yes         |                   | No                                      | 92           | Not Present                    | ✓         |  |
| 2. Is 0      | Chain of C   | custody compl  | ete?                                    |  |                   | Yes         | ~                 | No                                      |              | Not Present                    |           |  |
| 3. Ho        | w was the    | sample delive  | ered?                                   |  |                   | FedEx       | <u> </u>          |   |              |                                |           |  |
| Log In       | <u>!</u>     |  |   |  |                   |             |                   |   |              |                                |           |  |
| 4. Co        | oolers are   | present? (see  | 19. for cooler sp                       | pecific information  | )                 | Yes         | <b>V</b>          | No                                      | -            | NA                             |           |  |
| 5. Wa        | as an atter  | mpt made to c  | ool the samples                         | ?  |                   | Yes         | <b>V</b>          | No                                      | ì            | NA                             |           |  |
| 6. W         | ere all san  | nples received   | l at a temperatu                        | re of >0° C to 6.0   | °C                | Yes         | <b>V</b>          | No                                      |              | NA                             | Î         |  |
| 7. Sa        | ample(s) in  | proper contai  | iner(s)?                                |  |                   | Yes         | <b>V</b>          | No                                      |              |                                |           |  |
| 8, Su        | ufficient sa | mple volume t  | for indicated test                      | t(s)?  |                   | Yes         | <b>V</b>          | No                                      | 1            |                                |           |  |
| 9. Ar        | e samples    | (except VOA  | and ONG) prop                           | erly preserved?  |                   | Yes         | <b>V</b>          | No :                                    |              |                                |           |  |
| 10. W        | as preserv   | ative added to   | bottles?                                |  |                   | Yes         | .                 | No                                      | <b>V</b>     | NA                             |           |  |
| 11 V         | OA vials ha  | ave zero head  | space?                                  |  |                   | Yes         |                   | No                                      |              | No VOA Vials                   | <b>~</b>  |  |
|              |              |  | ers received bro                        | ken?   |                   | Yes         | - 69              | No                                      |              | :                              |           |  |
| 13. Do       | oes papen    | work match bo  |   |  |                   | Yes         | <b>V</b>          | No                                      | 1            | # of pre<br>bottles<br>for pH: |           |  |
| 14. Ar       | re matrices  | correctly idea   | ntified on Chain                        | of Custody?  |                   | Yes         | ~                 | No                                      | . !          | ioi pi ii                      | (<2       | or >12 unless noted)   |
| 15. ls       | it clear wh  | nat analyses w   | ere requested?                          |  |                   | Yes         | <b>V</b> .        | No                                      |              | ; A                            | djusted?  |  |
| 28.0 T.05    |              | ding times abl   | le to be met?<br>authorization.)        |  |                   | Yes         | <b>V</b>          | No                                      |              | Cł                             | ecked by: |  |
| Specia       | al Hand      | ling (if app   | licable)                                |  |                   |             |                   |   |              | i i                            |           |  |
|              |              |  | iscrepancies wit                        | h this order?  |                   | Yes         | •                 | No                                      | ;            | NA                             |           |  |
|              | Person       | Notified:  |   | WITTEN TO REAL PROPERTY.   | Date:             |             |                   |   | es exercises | <del>- Librarian</del>         |           |  |
| į            | By Wh        | 3  |   |  | Via:              | · eMai      | 1 :               | : Ph                                    | one          | Fax Ir                         | Person    |  |
| !            | Regard       |  | *************************************** | THE RESERVE THE PROPERTY OF TH |                   | TENNING MAN | · market          | Non-                                    |              |                                |           | SCHOOL   |
| *            |              | Instructions:  |   |  |                   |             | m inite di come i | *************************************** |              |                                |           | CALADAY .  |
| 18. Ad       | dditional re | emarks:  |   |  |                   | 50          |                   |   |              |                                |           |  |
|              |              |  |   |  |                   |             |                   |   |              |                                |           |  |
| 19. <b>C</b> | ooler Info   | rmation  |   |  |                   |             |                   |   |              |                                |           |  |
|              | Cooler N     | o Temp °C  |   | Seal Intact   Sea  | No S              | eal Da      | te                | :                                       | Signe        | d By                           |           | 8  |
| 11           | 1            | 4.3  | Good Y                                  | es :   |                   |             |                   |   |              |                                |           |  |

| 9                       | >                           |  |                       |                   |                  |                         |                |                             | λ, , -                                  | · л          | ) adddid ai∆            |                   |                |                |   |   |          |    |   |   |   |          |   | _  |  | V                | 0           |
|-------------------------|-----------------------------|--|-----------------------|-------------------|------------------|-------------------------|----------------|-----------------------------|---|--------------|-------------------------|-------------------|----------------|----------------|---|---|----------|----|---|---|---|----------|---|--|--|------------------|-------------|
| HALL ENVIRONMENTAL      | ANALYSIS LABORATORY         |  |                       |                   |                  |                         |                |                             |   |              |                         |                   |                |                |   |   |          |    |   |   |   | $\dashv$ |   | Remarks: Please put Chlorides on separate report. Please show ALL results as malka. Thank von. | <u> </u>   | I.               | A<br>N      |
| Z                       | A                           |  | 109                   | 7                 |                  |                         |                |                             | *************************************** |              |                         |                   |                |                |   |   |          |    |   |   |   |          | _ | ıse sh   | ABOU   | D S              | #[          |
| Σ                       | K                           | E  | Albuquerque, NM 87109 | Fax 505-345-4107  |                  |                         |                |                             | ()                                      | 10/          | /-ime2) 07S8            |                   |                |                |   |   |          |    |   |   |   |          |   | . Plea   |  | F                | 1/5         |
| Z                       | B                           | al.co  | e,                    | 345               | st               |                         |                |                             |   | (            | AOV) 808S8              |                   |                |                |   |   |          |    |   |   |   |          |   | eport  | B  | E                | 10          |
| R                       | 5                           | nent   | erqu                  | 505               | edne             |                         | S,             | CB                          | Z808 /                                  | səp          | 8081 Pesticio           |                   |                |                |   |   |          |    |   |   | : |          |   | rate r   | Asto   | 200              |             |
| 2                       | IS                          | iron   | nbno                  | -ax               | is R             | (1                      | os'            | <sup>†</sup> Oc             | I, <sub>s</sub> ON, <sub>e</sub> C      | )NʻI         | O,F) snoinA             | X                 | ×              | ×              |   |   |          |    |   |   |   |          |   | sepai  | 17   | 0                |             |
| M                       | S                           | llen   | - A                   |                   | Analysis Request |                         |                | 8                           |   |              | RCRA 8 Met              |                   |                |                |   |   |          |    |   |   |   |          |   | uo se  | SER SER  | 7                |             |
|                         | A                           | www.hallenvironmental.com  |                       | Tel. 505-345-3975 | An               |                         |                |                             |   |              | o AN9) 01:88            |                   |                |                |   |   |          |    |   |   |   |          |   | Remarks: Please put Chloride results as malko. Thank von                                       | (7   | Ø                |             |
| 4                       | Ž                           | . <b>§</b>   | 4901 Hawkins NE       | 345               |                  |                         |                |                             |   |              | EDB (Method             |                   |                |                |   |   |          |    |   |   |   |          |   | ut Ch  | BITH   | person           |             |
|                         | •                           |  | Нам                   | 505-              |                  |                         |                |                             |   |              | TPH (Method             |                   |                |                |   |   |          |    |   |   |   |          |   | ase p  | 3  | 100              | l           |
|                         |                             |  | 901                   | <u>e</u>          |                  |                         |                |                             |   |              | DodisM H9T              | ×                 | ×              | ×              |   |   |          |    | _ | * |   |          |   | : Ple  | , A  | S. C.            | -           |
|                         |                             |  | 4                     | -                 |                  |                         |                |                             |   |              | 9TM + X3T8              |                   |                |                |   |   |          |    |   |   |   |          |   | narks<br>Ilts a  | SPOKE  | SAURE            |             |
|                         |                             |  | _                     |                   |                  |                         | 112            | 08)                         | s'aMT.                                  | <b>F 38</b>  | 3TM + X3T8              | ×                 | ×              | ×              |   |   |          | -  |   |   |   |          |   | Ren  | N)   | V)               | _           |
|                         |                             | 2 Es   |                       |                   |                  |                         |                |                             |   |              |                         | 100-              | -007           | 5003           |   |   | . , .    |    |   |   |   |          |   | E Time   | 11/20915   | Time             | (21/1/1/20- |
|                         | sh                          |  | 1#1                   |                   | 104              | 0                       | her            |                             | <b>6</b> ],                             |              | 9,                      | 1                 | ,              |                |   |   |          |    |   |   |   |          |   | Date   | 1)05   | Date             |             |
| ı ime:                  | □ Rush                      | <b></b> :  | Vince BGH #1          |                   | 30-025-37104     | ger:                    | Robert Asher   |                             | Same                                    |              | Preservative<br>Type    | lce               | lce            | eol            | * |   |          |    |   |   |   | ÷        | • |  | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | X                |             |
| ı urn-Arouna ı ime:     | X Standard                  | Project Name:  |                       | Project #:        |                  | Project Manager:        | <del></del>    |                             | Sampler:                                |              | Container<br>Type and # | 1 - 402.          | 1 - 402.       | 1 - 4oz.       |   |   |          | :: |   |   |   |          |   | Received by  | XIX/VIES   | Regelved by:     |             |
| Chain-of-Custody Record | ation                       |  | Street                | 3210              |                  | boba@yatespetroleum.com |                | □ Level 4 (Full Validation) |   |              | Sample Request ID       | O"   O Comp-80:30 | Comp-81.8 02.0 | Comp-04.6-03,0 |   |   |          |    |   |   |   |          |   | •  |  |                  |             |
| ustod                   | Yates Petroleum Corporation | To the second se | 105 S. Fourth Street  | Artesia, NM 88210 | 575-748-4217     | oba@yatesp              |                | □ Lev                       | □ Other                                 |              | Matrix San              | Soil              | Soil           | Soil           |   |   |          |    |   |   | : |          |   | Relinquished by:   | - 31   | Relinquished by: |             |
| 7.                      | etro                        | * ·  | 7                     | ₹                 | 57               | ğ                       |                |                             |   |              |                         |                   |                |                |   | _ | <u> </u> |    | - |   |   |          |   | Re   |  | R.               | $\dashv$    |
| hain-c                  | Yates F                     | :  | ddress:               |                   |                  | ax#:                    | ckage:         | ard                         | tion:                                   | Type)        | Time                    | 10:18 AM          | 10:33 AM       | 10:41 AM       | - |   |          |    |   |   |   |          |   | Time:  | 2:55 PM  | Time:            |             |
| <u> ラ</u>               | Client:                     |  | Mailing Address:      |                   | Phone #:         | email or Fax#:          | QA/QC Package: | X Standard                  | Accreditation:                          | □ EDD (Type) | Date                    | 5/10/2012         | 5/10/2012      | 5/10/2012      |   |   |          |    |   |   |   |          |   | Date:  | 5/10/2012  | Dafe:            |             |



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 18, 2012

Robert Asher Yates Petroleum 105 South 4th Artesia, NM 88210 TEL: (575) 748-4217

**FAX** 

RE: Vince BGH #1

OrderNo.: 1205516

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/11/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1205516

Date Reported: 5/18/2012

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Project: Vince BGH #1

Lab ID: 1205516-001

Client Sample ID: Comp-01.0

Collection Date: 5/10/2012 10:18:00 AM

Received Date: 5/11/2012 9:15:00 AM

| Analyses                 | Result | RL Qu | al Units | DF | Date Analyzed        |
|--------------------------|--------|-------|----------|----|----------------------|
| EPA METHOD 300.0: ANIONS |        | 3     |          |    | Analyst: BRM         |
| Chloride                 | 1,700  | 75    | mg/Kg    | 50 | 5/16/2012 9:58:09 AM |

Matrix: SOIL

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 1 of 4

Lab Order 1205516

Date Reported: 5/18/2012

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-02.0

Project: Vince BGH #1

Collection Date: 5/10/2012 10:33:00 AM

Lab ID: 1205516-002

Matrix: SOIL

Received Date: 5/11/2012 9:15:00 AM

| Analyses                 | Result | RL Qua | al Units | DF | Date Analyzed         |
|--------------------------|--------|--------|----------|----|-----------------------|
| EPA METHOD 300.0: ANIONS |        |        |          |    | Analyst: BRM          |
| Chloride                 | 1,300  | 75     | mg/Kg    | 50 | 5/16/2012 11:25:03 AM |

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 2 of 4

Lab Order 1205516

Date Reported: 5/18/2012

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-03.0

**Project:** Vince BGH #1

Collection Date: 5/10/2012 10:41:00 AM

Lab ID: 1205516-003

Received Date: 5/11/2012 9:15:00 AM

| Analyses                 | Result | RL Qu | al Units | DF | Date Analyzed         |
|--------------------------|--------|-------|----------|----|-----------------------|
| EPA METHOD 300.0: ANIONS |        |       |          |    | Analyst: BRM          |
| Chloride                 | 1,900  | 75    | mg/Kg    | 50 | 5/16/2012 11:37:27 AM |

Matrix: SOIL

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 3 of 4



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

### Sample Log-In Check List

| Client Name: Yates/Retroleum Corporation   | Work Order Number: 1205516                      |
|--|---|
| Received by/date: 65/4/12  |   |
| Logged By: Lindsay Mangin 5/11/2012 9:15:00 /  | AM Junday Alberton                              |
| Completed By: Lindsay Mangin 5/11/2012 9:52:40 /   | AM Jumby Hogo                                   |
| Reviewed By: To oslygo   |   |
| Chain of Custody   | ·   |
| 1. Were seals intact?  | Yes No Not Present ✔                            |
| 2. Is Chain of Custody complete?   | Yes ✔ No Not Present                            |
| 3. How was the sample delivered?   | <u>FedEx</u>                                    |
| <u>Log In</u>  |   |
| 4. Coolers are present? (see 19. for cooler specific information)  | Yes ✓ No NA                                     |
| 5. Was an attempt made to cool the samples?  | Yes ✔ No NA                                     |
| 6. Were all samples received at a temperature of >0° C to 6.0°C  | Yes ✓ No NA                                     |
| 7. Sample(s) in proper container(s)?   | Yes ✓ No  |
| 8. Sufficient sample volume for indicated test(s)?   | Yes ✔ No  |
| 9. Are samples (except VOA and ONG) properly preserved?  | Yes ✔ No  |
| 10. Was preservative added to bottles?   | Yes No V NA                                     |
| 11. VOA vials have zero headspace?   | Yes No No VOA Vials ✔                           |
| 12. Were any sample containers received broken?  | Yes No 🗸  |
| 13. Does paperwork match bottle labels?<br>(Note discrepancies on chain of custody)  | Yes ✓ No # of preserved bottles checked for pH: |
| 14. Are matrices correctly identified on Chain of Custody?   | Yes ✔ No (<2 or >12 unless noted)               |
| 15. Is it clear what analyses were requested?  | Yes ✔. No Adjusted?                             |
| 16. Were all holding times able to be met?<br>(If no, notify customer for authorization.)  | Yes ✔ No  |
|  | Checked by:                                     |
| Special Handling (if applicable)  17. Was client notified of all discrepancies with this order?  | Yes No NA ✔                                     |
| ARREST DE COMPANIE | Yes No: NA ✔                                    |
| Person Notified: Dat   | ,   |
| By Whom: Via   | ! eMail Phone Fax In Person                     |
| Regarding: Client Instructions:  |   |
| •  |   |
| 18. Additional remarks:  |   |
|  |   |
| 19. Cooler Information   |   |
| Cooler No Temp °C Condition Seal Intact Seal No  1 4.3 Good Yes  | Seal Date Signed By                             |
| U 7000 1155  | i como mande man                                |
| S and all emers  |   |

| i i                     | _                           |                           |                       | s                 |                  |                         |                |                             | <b>1</b> ·     | , v                | \ aplddig 1 Δ           |                        |                | _              | _    |      |         |          | <u> </u> |          | Ш | _ | _   |  |              | 0               |                  |   |  |   |  |
|-------------------------|-----------------------------|---------------------------|-----------------------|-------------------|------------------|-------------------------|----------------|-----------------------------|----------------|--------------------|-------------------------|------------------------|----------------|----------------|------|------|---------|----------|----------|----------|---|---|-----|--|--------------|-----------------|------------------|---|--|---|--|
| 4                       | ANALYSIS LABORATOR          | d                         |                       | 88                |                  |                         |                |                             |                |                    |                         | -                      |                |                |      |      |         |          |          | _        |   |   | _   | Remarks: Please put Chlorides on separate report. Please show ALL results as mg/kg. Thank you. | *            |                 |                  |   |  |   |  |
| HALL ENVIRONMENTAL      | 9                           |                           | 6                     | ē                 |                  |                         |                |                             |                |                    |                         |                        |                |                |      |      |         | _        | _        | <u> </u> |   |   | _   | snov   | M            | (21/41/50-      |                  |   |  |   |  |
| Ī                       | 5                           |                           | Albuquerque, NM 87109 | 07                |                  |                         |                |                             |                | ٧٥.                | V-111180) 0 130         |                        |                |                |      |      | _       |          |          | _        |   | _ |     | Hease sh   | 2            | 14              |                  |   |  |   |  |
| 2                       | Ō                           | www.hallenvironmental.com | ΣZ                    | 505-345-4107      |                  |                         |                |                             | ,              |                    | (AOV) 20028             |                        |                |                |      |      |         |          | ļ        | -        |   | _ |     | ב י <i>י</i>   |              | 8               |                  |   |  |   |  |
| C                       | 8                           | ntal.                     | ue, l                 | 5-34              | lest             |                         |                |                             | 1 7000         |                    | (AOV) 80628             |                        |                |                |      |      |         | _        | L        |          |   |   |     | Action.  | COREC        | 1               |                  |   |  |   |  |
|                         |                             | lme                       | nerd                  | 20                | Sedi             | Ĺ.,                     |                |                             |                |                    | 8081 Pesticio           |                        | _              |                |      |      |         |          |          |          |   | _ |     | arate  | 3            |                 |                  |   |  |   |  |
| 2                       | IS                          | viro                      | bng                   | Fax               | Analysis Request |                         | 'OS            | °Ос                         | 1, cON, e      |                    | IO,7) anoinA            | ×                      | ×              | ×              |      |      |         |          |          |          |   |   |     | des le   | 19           |                 |                  |   |  |   |  |
| ū                       | ני אַ                       | allen                     |                       |                   | naly             | 4                       |                |                             | <u></u>        |                    | RCRA 8 Met              |                        |                |                |      |      |         |          |          |          |   |   |     | u.   | 1/2          |                 |                  |   |  |   |  |
| -                       |                             | w.h                       | 4901 Hawkins NE -     | Tel. 505-345-3975 | A                |                         |                |                             |                | - 1                | io AN9) 01:88           |                        |                |                |      |      | -       |          |          |          |   |   |     | remarks: rlease pur chioridi<br>results as mg/kg. Thank you.                                   | <u>W</u> -   | -               |                  |   |  |   |  |
| 4                       | Z                           | \$                        | kins                  | 345-              |                  |                         |                |                             |                |                    | EDB (Methoo             |                        |                |                |      |      |         |          |          |          |   |   | _ 3 | se pur Cin<br>tg. Thank  | E CONTRACTOR |                 |                  |   |  |   |  |
|                         |                             |                           | Haw                   | 05-3              |                  |                         |                |                             |                |                    | DoriteM) H9T            |                        |                |                |      |      |         |          |          |          |   |   |     | kg. j  | ) ~          |                 |                  |   |  |   |  |
|                         | L                           |                           | 301                   | el. 5             |                  |                         |                |                             |                |                    | bodteM H9T              | ×                      | ×              | ×              |      |      |         |          |          | L        |   |   |     | m mg   | SAURE        |                 |                  |   |  |   |  |
|                         | -                           |                           | 4                     | <b>!</b> -        |                  | (                       |                |                             |                |                    | 8TM + X3T8              |                        |                |                |      |      |         |          |          |          |   |   |     | sults as mg  | 77           |                 |                  |   |  |   |  |
|                         | J L.                        | ,                         |                       | 10                |                  |                         | (15            | 08)                         | s'aMT          | + ∃:               | BTM + X3T8              | ×                      | ×              | ×              |      | ,    | ٠, ١    |          |          |          |   |   | 1   | resu   | 00           |                 |                  |   |  |   |  |
|                         | 1                           |                           |                       |                   |                  |                         |                |                             |                |                    |                         |                        |                |                | :    |      |         |          |          |          |   |   |     | Ź  | )            |                 |                  |   |  |   |  |
|                         |                             | . i                       |                       | 6                 |                  |                         |                |                             |                |                    | 5                       | _                      | 2              | 550            |      |      |         | es<br>es |          |          |   |   |     |  | lime         |                 |                  |   |  |   |  |
|                         |                             |                           |                       |                   |                  |                         |                |                             |                |                    |                         | 100-                   | -005           | X              |      |      |         |          |          |          |   |   |     | -  | -            |                 |                  |   |  |   |  |
|                         |                             |                           |                       |                   |                  |                         |                |                             | 169            |                    |                         | Ţ                      | ĭ              | ĩ              |      |      |         |          |          |          |   |   | 2   |  | Safe         |                 |                  |   |  |   |  |
|                         |                             |                           | 25                    |                   | 4                |                         | ě              |                             |                |                    |                         |                        |                |                |      |      |         | į.       |          |          |   |   |     | (  |              |                 |                  |   |  |   |  |
|                         | Rush                        |                           | Vince BGH #1          |                   | 30-025-37104     |                         | Robert Asher   |                             |                | 3.4                | tive                    |                        |                |                |      |      |         |          |          |          |   |   |     | (x   | Ĭ.           |                 |                  |   |  |   |  |
|                         |                             |                           | e B(                  |                   | 25-3             |                         | ert A          |                             | <b>o</b> 2     |                    | Preservative<br>Type    | <u>6</u>               | <u>8</u>       | ce             |      |      |         |          |          |          |   | İ | 1   |  |              |                 |                  |   |  |   |  |
| ıme                     |                             |                           | Vinc                  |                   | 30-0             | er:                     | Rob            |                             | Same           |                    | Pres                    |                        |                |                |      |      |         | į:       |          |          |   |   |     | 16   | F /          | V               |                  |   |  |   |  |
| ı urn-Arouna ııme:      | ard                         | Name:                     |                       | 9                 |                  | Manager:                |                |                             |                | 10.                | - h #                   |                        |                |                |      |      |         |          |          |          |   |   | 1   | E/   |              | 1               |                  |   |  |   |  |
| 4rou                    | and                         | N N                       |                       | ¥ #:              |                  | x Ma                    |                |                             | er:            | 1015               | taine                   | 1 - 402.               | 40z.           | 1 - 4oz.       |      |      |         |          |          |          | ı |   | 1   |  | Ä            |                 |                  |   |  |   |  |
| nrn-                    | X Standard                  | Project I                 |                       | Project           |                  | Project                 |                |                             | Sample         |                    | Container<br>Type and # | -                      | 1 - 40         | 1-             |      |      |         | ij       |          |          |   | ľ | 1   | Kecewed  | Received b   | 1               |                  |   |  |   |  |
| =                       | $\overline{}$               | <u>o</u>                  |                       | ٠                 | Г                | Ē                       |                | 9                           | S              | (,5)               |                         |                        |                | _              |      |      |         |          |          | _        |   | _ | ď   | \$ \\ \( \)  | 200          |                 |                  |   |  |   |  |
|                         |                             |                           |                       |                   |                  |                         |                | ☐ Level 4 (Full Validation) |                | . (0)              | _ □                     | QD                     | Comp-84.8 02.0 | Comp-64.5-03,0 |      |      |         |          |          |          | ı |   |     | 1  |              | V               |                  |   |  |   |  |
| D                       |                             |                           |                       |                   |                  | E                       |                |                             |                |                    |                         |                        | lida           |                | ١,   | rest | <u></u> | 02       | 0        |          |   |   | i e |  |              |                 |                  |   |  | - |  |
| CO                      |                             |                           |                       |                   |                  | boba@yatespetroleum.com |                | 2                           |                |                    | Sample Request ID       | O 10<br>Comp-88:38-110 | 4              | 4              |      |      |         | 2        |          | -        |   |   | 1   | ~  |              |                 |                  |   |  |   |  |
| Re                      | 5                           | 7                         | reet                  | 0                 |                  | oleu                    |                | Ī.                          |                |                    | Б<br>В                  | Som                    | Comp           | Comp           |      |      |         | ,        |          |          |   |   |     |  |              |                 |                  |   |  |   |  |
| >                       | orati                       |                           | h St                  | 882               | 1                | petr                    | (8             | Vel                         |                |                    | ш                       |                        |                |                |      |      |         |          |          |          |   |   |     | 1  |              |                 |                  |   |  |   |  |
| jo                      | or<br>or                    |                           | ourt                  | ΣZ                | 421              | ates                    |                | ] Le                        |                |                    | Sa                      |                        |                |                |      |      | ,       |          |          |          |   |   | 1   |  | d by:        |                 |                  |   |  |   |  |
| ISI                     | Ē                           |                           | 105 S. Fourth Street  | Artesia, NM 88210 | 748              | <u>@</u>                |                | П                           | □ Other        |                    | . <u>×</u>              |                        |                |                |      |      |         | , t      | -        |          |   | - | -   |  | uishe        |                 |                  |   |  |   |  |
| Ş                       | Yates Petroleum Corporation |                           | 105                   | Arte              | 575-748-4217     | pop                     |                |                             |                |                    | 0                       |                        | Matrix         | Soil           | Soil | Soil |         |          |          |          |   |   |     |  |              | Xeiinquished by | Relinquished by: |   |  |   |  |
| Chain-of-Custody Record |                             |                           |                       |                   |                  | =ax#:                   |                |                             |                |                    |                         |                        |                | AM             | AM.  | A.   |         |          |          |          |   |   |     |  | +            |                 | IL.              | - |  |   |  |
| 2                       |                             |                           | 38S:                  |                   |                  |                         | e:             | ard                         | 200            | \( \tilde{\chi} \) | Time                    | 10:18 AM               | 10:33 AM       | 10:41 AM       |      |      |         |          |          |          |   |   |     | 11me:<br>2:55 PM   | .:<br>::     |                 |                  |   |  |   |  |
| La                      | >                           |                           | ddre                  |                   |                  |                         | ıckaç          |                             | ltion.         | □ EDD (Type)       |                         |                        |                |                | -    |      |         |          | _        | -        |   | + | ·   |  | Time:        | 4               |                  |   |  |   |  |
| S                       | ij                          |                           | ng A                  |                   | e #:             | or                      | C Pe           | tand                        | edita<br>ELAI  | 20(                | Date                    | 5/10/2012              | 5/10/2012      | 5/10/2012      |      |      |         |          |          |          |   |   |     | 2012   |              |                 |                  |   |  |   |  |
|                         | Client:                     |                           | Mailing Address:      |                   | Phone #:         | emai                    | QA/QC Package: | X Standard                  | Accreditation: |                    |                         | 5/10                   | 5/10           | 5/10           |      |      |         |          |          |          |   |   | 1   | Date:<br>5/10/2012   | Date:        |                 |                  |   |  |   |  |
|                         |                             |                           |                       | 1                 |                  |                         |                |                             |                |                    | L                       |                        |                |                |      |      |         |          | 1        | 1        |   |   | 10  | 1  | 10           | - 1             |                  |   |  |   |  |

From:

To: Yu, Olivia, EMNRD; Oberding, Tomas, EMNRD; Griswold, Jim, EMNRD

Cc: Chase Settle; Katie Parker RE: Vince BGH #1 (1RP-3449) Subject: Date: Friday, February 3, 2017 10:57:32 AM

Attachments: image001.png

NMOSE (Vince BGH # 1).pdf

#### Ms. Yu.

The original closure report was submitted to the NMOCD District I Office on June 6, 2012, where I began correspondences with Geoffrey Leking on June 14, 2012 and then Tomas Oberding on March 2, 2015 with requesting closure where the excavation would be lined with a 20 mil liner and backfilled to prevent migration of chlorides.

Based off of information gathered from the NMOSE, depth to ground water is 114' (Section 26, 10S-R35E), attached.

From the time of the release (4/25/2012) to samples being collected (5/10/2012), that gave accurate data of the chlorides and that was given to the NMOCD in a timely manner with the closure request, complete horizontal and vertical delineation of release area was completed then.

Liner specifications were to be a 20 mil liner that would cover the bottom and sidewalls of the excavation.

With this release occurring on fee surface, I have not copied Amber Groves/NMSLO.

Thank you.

#### Robert C. "Bob" Asher

Safety & Environmental Department EOG Resources, Inc. **Artesia Division Office** 

**EOG Safety Begins With YOUR Safety** 



From: Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]

Sent: Tuesday, January 31, 2017 2:35 PM To: Bob Asher; Oberding, Tomas, EMNRD

Cc: Chase Settle; Groves, Amber

Subject: RE: Vince BGH #1 (1RP-3449)

\*\* External email. Use caution. \*\*

Dear Mr. Asher:

I reviewed your closure report for 1RP-3449. Is there a reason why this was not submitted sooner? As chloride levels are above the target of 250 mg/kg and probably migrated downwards, NMOCD does not accept your closure report as written. Please provide

- additional documentation of depth to groundwater (e.g., NMOSE) complete horizontal and vertical delineation of release area
- liner specifications

Thanks, Olivia

**From:** Bob Asher [mailto:Bob Asher@eogresources.com]

**Sent:** Tuesday, January 24, 2017 3:21 PM

To: Yu, Olivia, EMNRD < Olivia. Yu@state.nm.us >; Oberding, Tomas, EMNRD

<<u>Tomas.Oberding@state.nm.us</u>>

**Cc:** Chase Settle < Chase Settle@eogresources.com >

Subject: FW: Vince BGH #1 (1RP-3449)

Thank you.

#### Robert C. "Bob" Asher

Safety & Environmental Department EOG Resources, Inc. Artesia Division Office EOG Safety Begins With YOUR Safety



From: Bob Asher

Sent: Wednesday, December 07, 2016 4:11 PM

To: Kristen.Lynch@state.nm.us

Cc: Amber Griffin; Chase Settle; Katie Parker

Subject: Vince BGH #1 (1RP-3449)

Kristen,

With the recent release on the Tenneco Pipe Line System (11/30/2016) and being approximately 500' southwest of the Vince BGH #1 battery, I am re-submitting the Form C-141 Initial Report and the Final Report from the 4/25/2012 release. I have enclosed supporting documentation and would like to request closure based on all released water was recovered from the tin horn where the release occurred, impacted soils were excavated and hauled to an NMOCD approved facility and a liner will be installed within the excavation/tinhorn area.

With the work to be conducted on the Tenneco Pipe Line System, this open excavation could be backfilled and the rancher concerns with his livestock could be eliminated.

Thank you.

#### Robert C. "Bob" Asher

Sr. Environmental Supervisor Environmental Department

### **EOG Resources, Inc.** Artesia Division Office

105 S. 4<sup>th</sup> Street Artesia, NM 88210 575-748-4217 (Office) 575-365-4021 (Cell) **EOG Safety Begins With YOUR Safety** 



 From:
 Bob Asher

 To:
 Yu, Olivia, EMNRD

 Cc:
 Chase Settle; Katie Parker

Subject: RE: Form C-141 Final Report (Vince BGH #1, 5/5/2017)

**Date:** Monday, June 5, 2017 4:02:56 PM

Attachments: image001.png

RE Vince BGH #1.msg

Ms. Yu.

Based on the attached email from Mr. Oberding, EOG Resources, Inc. is requesting closure of 1RP-3449 so the excavation can be backfilled and seeded. EOG has meet the conditions including Delineation to 250mg/kg of ~Cl and the consideration of a liner.

Thank you,

#### Robert C. "Bob" Asher

#### **Environmental Supervisor**

Safety & Environmental Department EOG Resources, Inc. Artesia Division

**EOG Safety Begins With YOUR Safety** 



**From:** Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]

**Sent:** Thursday, May 18, 2017 12:35 PM

**To:** Bob Asher <Bob\_Asher@eogresources.com> **Cc:** Chase Settle <Chase\_Settle@eogresources.com>

**Subject:** RE: Form C-141 Final Report (Vince BGH #1, 5/5/2017)

\*\*External email. Use caution.\*\*
Dear Mr. Asher:

Do you have the email from Tomáš, dated March 15, 2015, stipulating excavation depth and placement of the liner?

Thanks, Olivia

**From:** Bob Asher [mailto:Bob Asher@eogresources.com]

**Sent:** Friday, May 5, 2017 10:51 AM

**To:** Yu, Olivia, EMNRD < <u>Olivia.Yu@state.nm.us</u>> **Cc:** Chase Settle < <u>Chase Settle@eogresources.com</u>>

**Subject:** Form C-141 Final Report (Vince BGH #1, 5/5/2017)

Thank you,

#### Robert C. "Bob" Asher

Environmental Supervisor
Safety & Environmental Department
EOG Resources, Inc.
Artesia Division
Artesia, NM 88210
575-748-4217 (Office)
575-365-4021 (Cell)
EOG Safety Begins With YOUR Safety



From: Oberding, Tomas, EMNRD

To: Bob Asher
Subject: RE: Vince BGH #1

**Date:** Tuesday, December 16, 2014 10:53:09 AM

Aloha Bob,

As this is an active site, OCD conditionally approves temporary closure of this event. Conditions include-Delineation to 250mg/kg of ~Cl

Consideration of a liner.

Mahalo for your diligence.

-Doc

Tomáš 'Doc' Oberding, PhD
Senior Environmental Specialist
New Mexico Oil Conservation Division, District 1
Energy, Minerals and Natural Resources Department
(575) 393-6161 ext 111

E-Mail: tomas.oberding@state.nm.us

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

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

From: Bob Asher [mailto:BobA@yatespetroleum.com] Sent: Wednesday, December 10, 2014 3:53 PM

**To:** Oberding, Tomas, EMNRD **Subject:** Vince BGH #1

Doc,

I am re-submitting the Form C-141 Initial Report (5/4/2012) and the Form C-141 Final Report and supporting documentation (6/6/2012) for the above release. Based on analytical results that then showed after impacted soils to a depth of three (3) feet, chlorides at 1900 ppm. The depth to ground water is greater than 100' (approximately 135' per the ChevronTexaco Trend Map) and Yates would like to request closure and propose backfilling the entire excavation (approximately 20' X 20') with packed caliche to serve as a clay liner. I did not find the Initial and or the Final C-141 scanned in the OCD Online system.

Call me if there are any questions.

Thank you.

#### Robert Asher

NM Environmental Regulatory Supervisor

**Yates Petroleum Corporation** 

105 S. 4<sup>th</sup> Street Artesia, NM 88210 575-748-4217 (Office) 575-365-4021 (Cell)

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# District I 20 Strict II 301 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**

|                              |                |                 |               | 0]                   | PERA              | ATOR              |                     | ☐ Initia              | al Report  |
|------------------------------|----------------|-----------------|---------------|----------------------|-------------------|-------------------|---------------------|-----------------------|--|
| Name of Co                   |                |                 |               | OGRID Nun            | nber              | Contact           |                     | <u>—</u>              | <u> </u>   |
| EOG Y Res                    | ources, Inc    | c. (formerly    | YPC)          | 25:                  | 575               | Robert Ash        | er                  |                       |  |
| Address                      |                |                 |               |                      |                   | Telephone 1       | No.                 |                       |  |
| 104 S. 4 <sup>TH</sup> S     |                |                 |               |                      |                   | 575-748-14        | 71                  |                       |  |
| Facility Nar                 |                |                 |               | API Number           |                   | Facility Typ      | e                   |                       |  |
| Vince BGH                    | #1             |                 |               | 30-025-37104         | 1                 | Battery           |                     |                       |  |
| Surface Ow                   | ner            |                 |               | Mineral C            | humor             |                   |                     | T aggs ?              | N.   |
| Fee Fee                      | 1101           |                 |               | State                | WIICI             |                   |                     | Lease 1               | NO.  |
| 100                          |                |                 |               | State                |                   | -                 |                     |                       |  |
|                              |                |                 |               | LOCA                 | OITA              | N OF REI          | LEASE               |                       |  |
| Unit Letter                  | Section        | Township        | Range         | Feet from the        | North             | /South Line       | Feet from the       | East/West Line        | County   |
| J                            | 30             | 9S              | 35E           | 1980                 |                   | South             | 1750                | East                  | Lea  |
|                              |                |                 |               |                      |                   |                   |                     |                       |  |
|                              |                |                 |               | Latitude 33.5        | 0332              | Longitude         | 103.39680           |                       |  |
|                              |                |                 |               |                      |                   |                   |                     |                       |  |
| Tring of Dolor               |                |                 |               | NAT                  | URE               | OF REL            |                     |                       |  |
| Type of Releated Produced Wa |                |                 |               |                      |                   | Volume of 25 B/PW | Release             | Volume I<br>25 B/PW   | Recovered  |
| Source of Rel                |                |                 |               |                      |                   |                   | lour of Occurrenc   |                       | Hour of Discovery  |
| Pipeline poly                |                |                 |               |                      |                   | 4/25/2012         |                     | 4/25/2012             |  |
| Was Immedia                  |                | liven?          |               |                      |                   | If YES, To        |                     |                       | * ***  |
|                              |                | $\boxtimes$     | Yes           | No 🗌 Not Re          | quired            | E.L. Gonza        | iles & Geoffrey L   | eking/NMOCD I         |  |
| By Whom?                     |                |                 |               |                      |                   | Date and H        | lour                |                       |  |
| Bob Asher/Ya                 | ates Petrole   | um Corporati    | on            |                      |                   | 4/26/2012         |                     |                       |  |
| Was a Watero                 | course Reac    |                 |               |                      |                   |                   | lume Impacting t    | he Watercourse.       |  |
| 70 777                       |                |                 | Yes 🛛         |                      |                   | N/A               |                     |                       |  |
| If a Watercou<br>N/A         | rse was Imp    | pacted, Descri  | be Fully.*    | •                    |                   |                   |                     |                       |  |
| Describe Cau                 | se of Proble   | em and Reme     | dial Action   | Taken *              |                   |                   |                     |                       |  |
|                              |                |                 |               |                      | olvline           | causing relea     | se. Spill reason i  | assumed due to c      | eattle tracks and fencing around                               |
| excavation to                | re down, bu    | t undetermine   | ed at this ti | ime. Vacuum truc     | k called          | d. Pipeline rep   | paired.             | a destined due to e   | attie tracks and fenering around                               |
| Describe Area                |                |                 |               |                      |                   |                   |                     |                       |  |
| An approxima                 | ate area of 2  | 0' X 10'. Va    | cuum truc     | k called, picked u   | p all pr          | oduced water.     | Impacted soils e    | xcavated and bein     | g taken to an NMOCD  |
| approved fact                | lity. Initial  | vertical/horizo | ontal delin   | eation samples wi    | thin the          | e impacted are    | a will be analyzed  | d for TPH/BTEX (      | Chlorides for reference). If                                   |
| Water: >100                  | ' (annrox. 1   | 137'. Sec 27.   | T9S-R351      | T NMOSE) Wel         | Report<br>Ihead I | , C-141 WIII D    | e submitted to the  | to Surface Water      | ing closure. Depth to Ground Body: >1000', SITE                |
| RANKING I                    | S 0. Based     | on depth to     | ground w      | ater, impacted so    | ils exc           | avated/remov      | ed. all water rec   | overed and enclo      | sed (4/17/2017) delineation                                    |
| sample result                | ts, EOG Re     | sources, Inc.   | requests      | closure with no f    | urther            | remediation       | actions taken.      |                       |  |
| I hereby certif              | fy that the in | nformation gi   | ven above     | is true and compl    | ete to t          | he best of my     | knowledge and u     | nderstand that purs   | suant to NMOCD rules and                                       |
| regulations all              | l operators a  | are required to | report an     | d/or file certain re | lease n           | otifications ar   | d perform correct   | tive actions for rele | eases which may endanger                                       |
| should their of              | or the envir   | onment. The     | acceptanc     | e of a C-141 repo    | rt by th          | e NMOCD ma        | arked as "Final Re  | eport" does not reli  | eve the operator of liability<br>, surface water, human health |
| or the environ               | ment. In ac    | dition. NMO     | CD accent     | tance of a C-141 t   | enort d           | oes not relieve   | e the operator of r | esponsibility for co  | ompliance with any other                                       |
| federal, state,              |                |                 |               |                      | - P               |                   | o me operator or r  | esponsionity for ex   | omphanee with any other  |
|                              |                |                 |               |                      |                   |                   | OIL CONS            | SERVATION             | DIVISION   |
|                              | 1.0            | A( )4 1         | 6             |                      |                   |                   |                     |                       | 211221011  |
| Signature:                   | 100            | 100             | 9             |                      |                   |                   |                     |                       |  |
| Printed Name                 | : Robert Ac    | her             |               |                      |                   | Approved by       | District Superviso  | or:                   | DIVISION  Date:  Attached                                      |
| )                            |                |                 | 3             |                      |                   |                   |                     |                       |  |
| Title: Environ               | mental Sup     | ervisor         |               |                      |                   | Approval Date     | e:                  | Expiration 1          | Date:  |
|                              |                |                 |               | -                    |                   |                   |                     |                       |  |
| E-mail Addres                | ss: Robert_A   | Asher@eogre     | sources.co    | om                   |                   | Conditions of     | Approval:           |                       | Attached   |
| Doto: Endd                   | May 05 20      | 17              | han - : 575   | 749 4017             |                   | 1DD               |                     |                       | 1 Ittached   |
| Date: Friday, 1              |                | ts If Necessa   |               | -748-4217            |                   | 1RP-              |                     |                       |  |
| Attach Additi                |                | IN ILLINGUESSE  | u v           |                      |                   |                   |                     |                       |  |



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

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD

L

Sub-**POD Number** Code L 11998 POD1

QQQ basin County 6416 4 Sec Tws Rng 3 3 2 07 09S 35E

X Y 648592 3713286

Water DistanceDepthWellDepthWater Column 5041

200

12426 POD1

1 4 1 19 09S 36E

657911 3710545

9330 156 140

114 26

L 12449 POD1

3 4 3 26 10S 35E

654950 3698136

11804

114 feet

Average Depth to Water: Minimum Depth:

Maximum Depth:

114 feet 114 feet

Record Count:

UTMNAD83 Radius Search (in meters):

Easting (X): 648866.2078699573

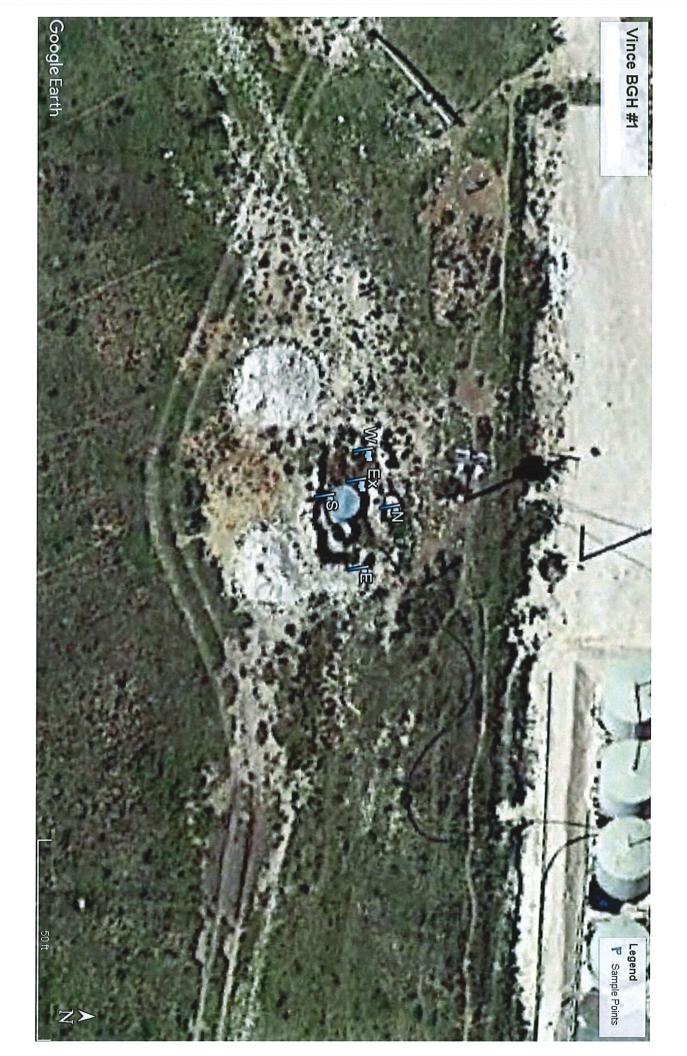
Northing (Y): 3708252.6733906968

**Radius: 11805** 

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

2/1/17 10:41 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



| Ex-5 Excavation | Analytical Report-<br>1704919 (Hall) Sample Area | Ex-4' Excavation | Analytical Report-<br>1704924 (Hall) Sample Area | E-1' East of Excavation Area | Analytical Report-<br>1704923 (Hall) Sample Area | North of Excavation N-1' Area | Analytical Report-<br>1704922 (Hall) Sample Area | South of Excavation S-1' Area | Analytical Report-<br>1704920 (Hall) Sample Area | West of Excavation W-1' Area | Analytical Report-<br>1704919 (Hall) Sample Area |
|-----------------|--|------------------|--|------------------------------|--|-------------------------------|--|-------------------------------|--|------------------------------|--|
| ation           | rea  | ation            | rea  | xcavation<br>ea              | rea  | xcavation                     | rea  | ea                            | rea  | xcavation                    | rea  |
| 4/17/2017       | Sample Date                                      | 4/17/2017        | Sample Date                                      | 4/17/2017                    | Sample Date                                      | 4/17/2017                     | Sample Date                                      | 4/17/2017                     | Sample Date                                      | 4/17/2017                    | Sample Date                                      |
| Comp/Auger      | Sample Type                                      | Comp/Auger       | Sample Type                                      | Comp/Auger                   | Sample Type                                      | Comp/Auger                    | Sample Type                                      | Comp/Auger                    | Sample Type                                      | Comp/Auger                   | Sample Type                                      |
| קי              | Depth  | 4'               | Depth  | 1'                           | Depth  | 1'                            | Depth  | 1'                            | Depth  | 1'                           | Depth  |
|                 | ВТЕХ   |                  | ВТЕХ   |                              | BTEX   |                               | втех   |                               | втех   |                              | втех   |
|                 | GRO  |                  | GRO  |                              | GRO  |                               | GRO  |                               | GRO  |                              | GRO  |
|                 | DRO  |                  | DRO  |                              | DRO  |                               | DRO  |                               | DRO  |                              | DRO  |
|                 | TOTAL  |                  | TOTAL  |                              | TOTAL  |                               | TOTAL  |                               | TOTAL  |                              | TOTAL  |
| ND              | Chlorides  | 8.5              | Chlorides  | ND                           | Chlorides  | ND                            | Chlorides  | ND                            | Chlorides  | ND                           | Chlorides  |

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 137', Section 27, T9S-R35E, per NMOSE).

All results are ppm. Chlorides for documentation.

Released: 25 B/PW; Recovered: 25 B/PW. Release Date: 4/25/2012



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 25, 2017

Chase Settle **EOG Resources** 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111 **FAX** 

RE: Vince BGH 1

OrderNo.: 1704919

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the OC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Received by OCD: 8/30/2022 11:18:31 AM

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Released to Imaging: 2/27/2023 3:24:12 PM

**Analytical Report** 

Lab Order 1704919

Date Reported: 4/25/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** EOG Resources

Vince BGH 1

Lab ID: 1704919-001

Project:

Client Sample ID: W-1'

Collection Date: 4/17/2017 10:52:00 AM

**Received Date:** 4/20/2017 9:50:00 AM

| Analyses                 | Result | PQL Qu | al Units | DF | Date Analyzed       | Batch    |
|--------------------------|--------|--------|----------|----|---------------------|----------|
| EPA METHOD 300.0: ANIONS |        |        |          |    | Anal                | yst: MRA |
| Chloride                 | ND     | 30     | mg/Kg    | 20 | 4/24/2017 2:11:07 P | M 31386  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
  - V Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1704919

25-Apr-17

Client:

**EOG Resources** 

Project:

Vince BGH 1

Sample ID MB-31386

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

**PBS** 

Batch ID: 31386

RunNo: 42317

Prep Date:

Units: mg/Kg

HighLimit

**RPDLimit** 

4/24/2017

Analysis Date: 4/24/2017

**PQL** 

1.5

SeqNo: 1330756

%RPD

Qual

Analyte Chloride

SampType: Ics

SPK value SPK Ref Val %REC LowLimit

TestCode: EPA Method 300.0: Anions

90

Client ID: LCSS

Sample ID LCS-31386

Batch ID: 31386

RunNo: 42317

Prep Date:

4/24/2017

Analysis Date: 4/24/2017

SeqNo: 1330757

Units: mg/Kg

Analyte

Result

ND

SPK value SPK Ref Val

%REC

LowLimit

HighLimit %RPD **RPDLimit** 

Qual

Chloride

Result **PQL** 14 1.5

15.00

91.6

110

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range E
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Detection Limit

Page 2 of 2

P

Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

#### Sample Log-In Check List

Released to Imaging: 2/27/2023 3:24:12 PM

| LABURATORY  |                              | Website: www,hal                  | lenviro                                | nmenta                | l.com                  |        |                |                        |
|---|------------------------------|-----------------------------------|--|-----------------------|------------------------|--------|----------------|------------------------|
| Client Name: EOG/Yates  | S Worl                       | k Order Number:                   | 17049                                  | 19                    |                        |        | RcptN          | lo: 1                  |
| Received By: Lindsay N Completed By: Ashley Ga                          | 7                            | 017 9:50:00 AM<br>017 11:35:05 AM | I                                      |                       | O HAM                  | go.    |                |                        |
| Reviewed By:  | Pt 241                       | 12017                             |  |                       |                        |        |                |                        |
| Chain of Custody  |                              |                                   |  | ε                     | K24/20/19              | r      |                |                        |
| 1. Custody seals intact on s  | ample bottles?               |                                   | Yes                                    |                       | No [                   | J      | Not Present-M  | <u> </u>               |
| 2. Is Chain of Custody comp   | plete?                       |                                   | Yes                                    | V                     | No [                   |        | Not Present    | ]                      |
| 3. How was the sample deli  | vered?                       | •                                 | Cour                                   | <u>ler</u>            |                        |        |                |                        |
| <u>Log In</u>   |                              |                                   |  |                       |                        |        |                |                        |
| 4. Was an attempt made to   | cool the samples?            |                                   | Yes                                    | V                     | No [                   |        | na [           | ]                      |
| 5. Were all samples receive   | ed at a temperature of >0°   | C to 6.0°C                        | Yes                                    | <b>Y</b>              | No [                   | ]      | NA 🗆           |                        |
| 6. Sample(s) in proper cont   | ainer(s)?                    |                                   | Yes                                    | V                     | No [                   | J      |                |                        |
| 7. Sufficient sample volume   | for indicated test(s)?       |                                   | Yes                                    | V                     | No [                   | ]      |                |                        |
| 8. Are samples (except VOA  | A and ONG) properly prese    | rved?                             | Yes                                    | ✓                     | No [                   | ]      |                |                        |
| 9. Was preservative added   | to bottles?                  |                                   | Yes                                    |                       | No 😾                   | 2      | NA 🗀           | ]                      |
| 10.VOA vials have zero head   | dspace?                      |                                   | Yes                                    |                       | No 🗆                   | ) N    | o VOA Vials 🗹  | ]                      |
| 11. Were any sample contain   | ners received broken?        |                                   | Yes                                    |                       | No 🛭                   |        | of preserved   |                        |
| 40 m  |                              |                                   |  | <u>.</u>              | F                      | _   bo | ottles checked |                        |
| <ol><li>Does paperwork match be<br/>(Note discrepancies on ch</li></ol> |                              |                                   | Yes                                    | V                     | No L                   | )   IO | or pH:<br>(<2  | 2 or >12 unless noted) |
| 13. Are matrices correctly ide  |                              | <i>(</i> ?                        | Yes                                    | V                     | No [                   | ]      | Adjusted?      |                        |
| 14. Is it clear what analyses v   |                              |                                   | Yes                                    | <b>Y</b>              | No [                   | ]      |                |                        |
| 15. Were all holding times ab (If no, notify customer for               |                              |                                   | Yes                                    | V                     | No 🗆                   | ] [_   | Checked by     |                        |
|   | ,                            |                                   |  |                       |                        |        |                |                        |
| Special Handling (if ap)  | <u>plicable)</u>             |                                   |  |                       |                        |        |                |                        |
| 16. Was client notified of all d  | liscrepancies with this orde | it?                               | Yes                                    |                       | No 🗆                   | ]      | NA 🗹           | <u> </u>               |
| Person Notified:  |                              | Date                              | arun ban                               | **************        |                        |        |                |                        |
| By Whom:  |                              | Via:                              | ] eMa                                  |                       | Phone 🗌 Fa             | ях 🗌   | In Person      |                        |
| Regarding:  |                              |                                   |  | Market Market Service | Koha, panaithian noona |        |                |                        |
| Client Instructions:  |                              |                                   | ······································ |                       |                        |        |                |                        |
|   |                              |                                   |  |                       |                        |        |                |                        |
| 18. Cooler Information  | Condition   Seal Intac       | t   Seal No   S                   | áal Da                                 | ا ما                  | Claned D.              | ı      |                |                        |
| Cooler No Temp °C 1 3.9   | Good Yes                     | Geal NO S                         | eal Da                                 | re .                  | Signed By              | -      |                |                        |
|   |                              |                                   |  |                       |                        | l<br>  | · <del></del>  |                        |

| Tum-Around Time:        | S, Inc.  X Standarc   Rush   ANALYSTS   ABORATORY | ect Name: | Vince BGH #1 4901 Hawkins NE - Albuquerque, NM 87109 | Project #:                             | Ana          | Project Manager:              | Chase Settle   | (Od'                      | 15B (G<br>8.1)<br>04.1)<br>4H) | engelating 3 (9 ) | Sample Request ID Type and # Type Type Type Type Type Type Type Type | ×                 |  |   |  |   |   |  | Recaived by Recaived by 1/27/2017. |      |                 |
|-------------------------|---|-----------|--|--|--------------|-------------------------------|----------------|---------------------------|--------------------------------|-------------------|--|-------------------|--|---|--|---|---|--|------------------------------------|------|-----------------|
| Chain-of-Custody Record | EOG Y Resources, Inc.                             |           |  | 105 South 4th Street Artesia, NM 88210 | 575-703-6537 | Chase Settle@eogresources.com |                | ☐ Level 4 (Full Validatio | □ Other                        |                   | Matrix   Sample Request II   | Soil W-1'         |  |   |  | • | • |  | Relinquished by:                   | Mich | Relinguished hy |
| Chain-o                 | Client: EOG Y Re                                  |           | Mailing Address:                                     | 105 South 4th Stre                     | Phone #: 5   | -ax#:                         | QA/QC Package: | ☐ Standard                | ::                             | (be)              |  | 41772017 10:52A S |  | · |  |   |   |  | Date: Time: Re                     | 6.4  | Date: Time: D   |





April 25, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210

TEL: (575) 748-4111

**FAX** 

RE: Vince BGH 1

OrderNo.: 1704920

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Released to Imaging: 2/27/2023 3:24:12 PM

Released to Imaging: 2/27/2023 3:24:12 PM

**Analytical Report** 

Lab Order 1704920

Date Reported: 4/25/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** EOG Resources

Vince BGH 1

Lab ID: 1704920-001

Project:

Client Sample ID: S-1'

Collection Date: 4/17/2017 10:58:00 AM

Received Date: 4/20/2017 9:50:00 AM

| Analyses                 | Result | PQL Qu | al Units | DF | Date Analyzed        | Batch    |
|--------------------------|--------|--------|----------|----|----------------------|----------|
| EPA METHOD 300.0: ANIONS |        |        |          |    | Analy                | yst: MRA |
| Chloride                 | ND     | 30     | mg/Kg    | 20 | 4/24/2017 2:48:20 PI | M 31386  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1704920

25-Apr-17

Client:

**EOG Resources** 

Project:

Vince BGH 1

Sample ID MB-31386

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31386

**PQL** 

1.5

RunNo: 42317

Prep Date:

4/24/2017

Analysis Date: 4/24/2017

Result

ND

SeqNo: 1330756

Units: mg/Kg HighLimit

**RPDLimit** 

Qual

Analyte Chloride

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 31386

PQL.

1.5

RunNo: 42317

Prep Date:

Sample ID LCS-31386

Analysis Date: 4/24/2017

SeqNo: 1330757

Units: mg/Kg

Analyte

4/24/2017

SPK value SPK Ref Val %REC

SPK value SPK Ref Val %REC LowLimit

LowLimit

HighLimit

Chloride

Result

15.00

91.6

90

110

%RPD

14

**RPDLimit** 

Qual

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Analyte detected in the associated Method Blank

Page 2 of 2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

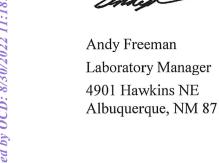
#### Sample Log-In Check List

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| E LABORA                | OKI  | Website: www.hal          | lenviro          | onmenta                                 | il.com                                |   |   |                   |
|-------------------------|--|---------------------------|------------------|---|---------------------------------------|---|---|-------------------|
| Client Name: EC         | 0G/Yates   | Work Order Number:        | 1704             | 920                                     |                                       |   | RcptNo:   | 1                 |
| Received By: LI         | ndsay Mangin   | 4/20/2017 9:50:00 AM      |                  |   | 0                                     | yHlypo                                  |   |                   |
| Completed By: As        | shley Gallegos   | 4/20/2017 11:37:11 AM     |                  |   | A                                     | F                                       |   |                   |
| Reviewed By:            |  | 04/20/17                  |                  |   |                                       | V                                       |   |                   |
| Chain of Custod         | <u>וצ</u>  |                           |                  | 6                                       | Lzilzoll                              | 7                                       |   |                   |
| 1. Custody seals in     | tact on sample bottles?  |                           | Yes              | $\mathbf{d}(\mathbf{j})$                | N                                     | o 🗆                                     | Not-Present-  |                   |
| 2. Is Chain of Custo    | ody complete?  |                           | Yes              | Y                                       | No                                    | <b>D</b>                                | Not Present   |                   |
| 3. How was the sar      | nple delivered?  |                           | Cou              | rier                                    |                                       |   |   |                   |
| <u>Log In</u>           |  |                           |                  |   |                                       |   |   |                   |
| 4. Was an attempt       | made to cool the samples   | ?                         | Yes              | V                                       | N                                     | 。                                       | na 🗆  |                   |
| 5. Were all sample:     | s received at a temperatur   | e of >0° C to 6.0°C       | Yes              | ¥                                       | No                                    |   | NA 🗆  |                   |
| 6. Sample(s) in pro     | per container(s)?  |                           | Yes              | V                                       | N                                     | o 🗆                                     |   |                   |
| 7, Sufficient sample    | volume for indicated test  | s)?                       | Yes              | V                                       | No                                    | · 🗆                                     |   |                   |
| 8. Are samples (exc     | cept VOA and ONG) prope  | rly preserved?            | Yes              | <b>✓</b>                                | No                                    | · 🗆                                     |   |                   |
| 9. Was preservative     | added to bottles?  |                           | Yes              |   | No                                    | ✓                                       | NA 🗆  |                   |
| 10.VOA vials have z     | ero headspace?   |                           | Yes              |   | No                                    |   | No VOA Vials  |                   |
| 11. Were any sampl      | e containers received brok   | en?                       | Yes              |   | N                                     | o 🗹                                     | # of preserved  |                   |
| 12. Does paperwork      | matah hattia lahala?   |                           | Yes              |   | No                                    |   | bottles checked<br>for pH:  |                   |
| • •                     | ies on chain of custody)   |                           | res              | •                                       | INC                                   | , _                                     |   | >12 unless noted) |
| 13. Are matrices corr   | ectly identified on Chain o  | f Custody?                | Yes              | V                                       | No                                    |   | Adjusted?   |                   |
| 14. Is it clear what ar | nalyses were requested?  |                           | Yes              |   |                                       |   |   |                   |
|                         | times able to be met?<br>omer for authorization.)  |                           | Yes              | V                                       | No                                    | · 🗆                                     | Checked by:   |                   |
|                         |  |                           |                  |   |                                       |   |   |                   |
| <u>Special Handling</u> | <u>(if applicable)</u>   |                           |                  |   |                                       |   |   |                   |
| 16. Was client notifie  | d of all discrepancies with  | this order?               | Yes              |   | No                                    |   | NA 🗹  |                   |
| Person Not              | ified:   | Date                      | teriti tilinenen | administrativo                          | ******                                | *************************************** |   |                   |
| By Whom:                |  | Via:                      | ] eMa            | ıil 🔲                                   | Phone [                               | ] Fax                                   | ☐ In Person   |                   |
| Regarding:              | designated to the control of the con |                           |                  |   | · · · · · · · · · · · · · · · · · · · |   |   |                   |
| Client Instru           | uctions:   |                           |                  | *************************************** |                                       |   | CONTRACTOR |                   |
| 17. Additional remark   | ks:  |                           |                  |   |                                       |   |   | •                 |
| 18. Cooler Informat     | <u>ijon</u>  |                           |                  |   |                                       |   |   |                   |
| Cooler No 1             | Temp °C   Condition   S  | eal Intact   Seal No   Se | eal Da           | ite                                     | Signed                                | Ву                                      |   |                   |
| 1 3.                    | 9 Good Ye  | 8                         |                  |   | ************                          |   |   |                   |
|                         |  |                           |                  |   |                                       |   |   |                   |

| PM                |
|-------------------|
| 2/27/2023 3:24:12 |
| /2023             |
| : 2/27            |
| naging            |
| l to In           |
| Releasea          |

| J              | hain             | -of-Cu                           | Chain-of-Custody Record   | Turn-Around Time:       | Time:                |                                  |            |                           |            |  |                           |                       |               |            |             | 1        | !<br>!                                |          |
|----------------|------------------|----------------------------------|---|-------------------------|----------------------|----------------------------------|------------|---------------------------|------------|--|---------------------------|-----------------------|---------------|------------|-------------|----------|---------------------------------------|----------|
| Client:        | EOG Y            | EOG Y Resources, Inc             | s, Inc.   | X Standarc              | □ Rush               |                                  |            |                           | L 4        | AALL ENVIKONMEN IAL<br>Anai ysts i arobatody | ¥ ⊔<br>- إـ               |                       | Y             |            |             | Z        | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | . >      |
|                |                  |                                  | -   | Project Name:           |                      |                                  |            |                           | <b>t</b>   | WWW  | www.hallenvironmental.com | viron                 | nenta         |            |             | ĺ        |                                       | •        |
| Mailing        | Mailing Address: | .::                              | •   |                         | Vince BGH #1         | H#1                              |            | 4901                      | Hawk       | 4901 Hawkins NE                              |                           | Albuqueraue. NM 87109 | erane         | Ž          | 8710        | c c      |                                       |          |
| 105 Soi        | uth 4th S        | 105 South 4th Street Artesia, NM | ssia, NM 88210  | Project #:              |                      |                                  |            | Tel.                      | 505-3      | Tel. 505-345-3975                            |                           | Ę.                    | 505-345-4107  | 45-41      | 20          |          |                                       |          |
| Phone #:       | #:               | 575-703-6537                     | -6537   |                         |                      |                                  |            |                           |            |  | Ana                       | Analysis Request      | Requ          | est        |             |          |                                       |          |
| email or Fax#: | r Fax#:          | Chase 5                          | Chase Settle@eogresources.com   | Project Manager:        | ger                  |                                  |            |                           | <b>.</b>   |  |                           | (*(                   |               |            |             |          |                                       |          |
| QA/QC          | QA/QC Package:   |                                  |   |                         | Chase Settle         |                                  |            |                           |            |  |                           | )S'*                  | s,g           |            |             |          |                                       |          |
| □ Standard     | dard             |                                  | ☐ Level 4 (Full Validation)   |                         | PO # 205. 0750       | 20                               |            |                           |            |  |                           | Юď                    | bC            |            |             |          |                                       |          |
| Accreditation: | itation:<br>AP   | □ Other                          |   | Sampler:                | Chase Settle         | NEW                              |            |                           |            |  | (H/                       | ³'NO <sup>s</sup> '   | Z808 /        |            |             |          |                                       |          |
| EDD            | □ EDD (Type)     |                                  |   | Sample Temberature      | erature 3,0          |                                  |            |                           |            |  |                           |                       |               |            | -/ O A      |          |                                       |          |
| Date           | Time             | Matrix                           | Sample Request ID   | Container<br>Type and # | Preservative<br>Type | HEALING<br>ITH 4920              | BTEX + MTE | BTEX + METE<br>BodieM H9T | onteM) H9T | EDB (Metho                                   | o ANY) 0188<br>19M 8 AROF | <b>l⊃</b> ,∃) anoinA  | oioitae9 1808 | AOV) 80528 | -imə8) 0728 |          |                                       |          |
| 4/17/2017      | 4472017 10:58А   | Soil                             | S-1,  | 1 - 4oz.                | None                 | 100                              |            |                           |            | _  |                           | <del>  ```</del>      | -             |            | _           |          | <del> </del>                          | T        |
|                |                  |                                  |   |                         |                      |                                  |            |                           |            |  |                           | <u> </u>              |               |            |             |          |                                       | T        |
|                |                  |                                  |   |                         |                      |                                  |            |                           | <u> </u>   |  |                           |                       | $I^-$         |            |             |          |                                       | T        |
|                |                  |                                  |   |                         |                      |                                  |            |                           | <u> </u>   | <u> </u>                                     |                           |                       |               | -          | ļ           |          | $\vdash$                              | Π        |
|                |                  |                                  |   |                         |                      |                                  |            |                           | <u>.</u>   |  | <u> </u>                  |                       | :             | -          | _           |          | <u> </u>                              | 1        |
|                |                  |                                  |   |                         |                      |                                  |            |                           |            |  |                           |                       |               |            | ļ           |          | -                                     |          |
|                |                  |                                  |   |                         |                      |                                  |            |                           |            |  |                           |                       |               | -          |             |          |                                       | Γ        |
|                |                  |                                  |   |                         |                      |                                  |            |                           |            |  | · .                       |                       |               | ├          | ļ           |          | <u> </u>                              |          |
|                |                  |                                  |   |                         |                      | ٠                                |            |                           |            |  |                           |                       |               |            |             |          |                                       |          |
| ٠              |                  |                                  |   |                         |                      |                                  |            |                           |            |  |                           |                       |               |            |             |          | ,                                     |          |
|                |                  |                                  |   |                         |                      |                                  |            |                           |            |  |                           |                       |               |            |             |          |                                       | <u> </u> |
|                |                  |                                  |   |                         |                      |                                  |            |                           |            |  |                           |                       |               |            |             | ٠        | -                                     | Τ        |
| 2              | Time: 2:20       | Relinquished by:                 | yd be   | Received by:            | zha —                | Date Time                        | Remarks:   |                           | Resul      | Results needed by 4/27/2017                  | ded b                     | y 4/27                | 72017         |            |             |          |                                       | ]        |
| Date:          | Time:            | Relinquished by:                 | ed by:  | Received by:            | )                    | Date Time                        |            |                           |            |  |                           |                       |               |            |             |          |                                       |          |
|                | Г песеѕѕагу,     | , samples sub                    | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. | ontracted to other a    | credited laboratorie | s. This serves as notice of this | lidissod s | fy. Any                   | loo-qns    | rtracted                                     | lata will                 | be clear              | ty notate     | ad on th   | e analy     | ical rep | g.                                    | l        |



VIRONMENTAL LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 1704922

April 25, 2017

Chase Settle **EOG Resources** 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111 **FAX** 

RE: Vince BGH 1

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Albuquerque, NM 87109

**Analytical Report** 

Lab Order 1704922

Date Reported: 4/25/2017

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources

Project: Vince BGH 1

Lab ID: 1704922-001

Client Sample ID: N-1'

Collection Date: 4/17/2017 11:09:00 AM

Received Date: 4/20/2017 9:50:00 AM

| Analyses                 | Result | PQL Qu | al Units | DF | Date Analyzed       | Batch    |
|--------------------------|--------|--------|----------|----|---------------------|----------|
| EPA METHOD 300.0: ANIONS |        |        |          |    | Anal                | yst: MRA |
| Chloride                 | ND     | 30     | mg/Kg    | 20 | 4/24/2017 3:00:44 P | M 31386  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
  - W Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1704922

25-Apr-17

Client: Project: **EOG Resources** Vince BGH 1

Sample ID MB-31386

SampType: mblk

Result

ND

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 31386

RunNo: 42317

Prep Date:

4/24/2017

Analysis Date: 4/24/2017

SeqNo: 1330756

Units: mg/Kg

**PQL** 1.5

SPK value SPK Ref Val %REC LowLimit HighLimit

**RPDLimit** 

%RPD

Qual

Analyte Chloride

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: Prep Date:

LCSS

Sample ID LCS-31386

Batch ID: 31386

RunNo: 42317

SeqNo: 1330757

Units: mg/Kg

Analyte

4/24/2017

Analysis Date: 4/24/2017

14

Result

SPK value SPK Ref Val

%REC

90

HighLimit %RPD **RPDLimit** Qual

Page 2 of 2

Chloride

**PQL** 1.5 15.00

91.6

110

## Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- E
- Analyte detected below quantitation limits
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Holding times for preparation or analysis exceeded

Value above quantitation range

P Sample pH Not In Range



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

## Sample Log-In Check List

Released to Imaging: 2/27/2023 3:24:12 PM

|   |   | Website: www.l          | hallenvironmeni                               | al.com  |   |                   |
|---|---|-------------------------|---|---|---|-------------------|
| Client Name:                            | EOG/Yates   | Work Order Numbe        | er: 1704922                                   |   | RcptNo:   | 1                 |
| Received By:                            | Lindsay Mangin  | 4/20/2017 9:50:00 Al    | M   | July Hlyge  | •   |                   |
| Completed By:                           | Ashley Gallegos   | 4/20/2017 11;49:31 A    | λM  | A   |   |                   |
| Reviewed By:                            | JAN.  | 04/20117                |   | 2 ( 0   |   |                   |
| Chain of Cus                            | stody   |                         | _   | 104/20/14<br>No []                                      |   |                   |
| 1. Custody sea                          | als intact on sample bottles                              | ?                       | Yes 🗹   | No □  | -Not-Present-✓-                                   |                   |
| 2. Is Chain of C                        | Custody complete?   |                         | Yes 🗹   | No 🗆  | Not Present                                       |                   |
| 3. How was the                          | e sample delivered?                                       |                         | Courter                                       |   |   |                   |
| <u>Log In</u>                           |   |                         |   |   |   |                   |
| 4. Was an atte                          | empt made to cool the sam                                 | ples?                   | Yes 🗹   | No 🗆  | na 🗆  |                   |
| 5. Were all san                         | mples received at a temper                                | ature of >0° C to 6.0°C | Yes 🗸   | No 🗆  | na 🗆  |                   |
| 6. Sample(s) ii                         | n proper container(s)?                                    |                         | Yes 🗹   | No 🗆  |   |                   |
| 7. Sufficient sa                        | imple volume for indicated t                              | test(s)?                | Yes 🗹   | No 🗆  |   |                   |
| 8. Are samples                          | (except VOA and ONG) pi                                   | roperly preserved?      | Yes 🗹   | No 🗌  |   |                   |
| 9. Was preserv                          | vative added to bottles?                                  |                         | Yes   | No 🗹  | NA 🗆  |                   |
| 10.VOA vials ha                         | ave zero headspace?                                       |                         | Yes 🗌   | No 🗆  | No VOA Vials 🗹                                    |                   |
| 11. Were any sa                         | ample containers received i                               | broken?                 | Yes 🗆   | No 🗸  | # of preserved                                    |                   |
| 12. Does paperv                         | work match bottle labels?                                 |                         | Yes 🗹   | No 🗆  | bottles checked for pH:                           |                   |
|   | pancies on chain of custody                               | y)                      |   |   |   | >12 unless noted) |
| 13. Are matrices                        | correctly identified on Cha                               | in of Custody?          | Yes 🗹   | No 🗆  | Adjusted?   |                   |
|   | at analyses were requested                                | 1?                      | Yes 🗹   | No ∐  | Charled by  |                   |
|   | ding times able to be met?<br>customer for authorization. | )                       | Yes 🗹   | No 🗌  | Checked by:                                       |                   |
|   |   |                         |   |   |   |                   |
| *************************************** | lling (if applicable)                                     |                         |   | P   |   |                   |
| 16. Was client no                       | otified of all discrepancies v                            | with this order?        | Yes 🗌   | No 🗆  | NA 🗹  | 1                 |
| Person                                  | Notified:   | Date                    | COMMON AND AND AND AND AND AND AND AND AND AN | Harriston accust as decreasing the chickens are size of |   |                   |
| By Wh                                   | **************************************                    | Via:                    | eMail   | Phone 🔲 Fax   | ☐ In Person                                       | •<br>•            |
| Regard                                  | OF THE PARTY AND ADDRESS OF THE PARTY.                    |                         |   |   | annes contra la managazio propinata beniname prop |                   |
| L                                       | Instructions:   |                         |   |   |   |                   |
| 17. Additional re                       | emarks:   |                         |   |   |   |                   |
| 18. Cooler Info                         |   | Contintent   Contint    | Post Data 1                                   | Claned Bu   |   |                   |
| Cooler No                               | Temp °C Condition 3.9 Good                                | Seal Intact Seal No Yes | Seal Date                                     | Signed By   |   |                   |
| Linna                                   |   |                         |   | **   1   1   1   1   1   1   1   1   1                  |   |                   |

|     | $\rightarrow$  |  |
|-----|----------------|--|
| ٠,  | _              |  |
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| Client:        | EOG Y            | EOG Y Resources, Inc.            | s, Inc.   | X Standarc              | □ Rush               |                               |            |            | <b>□</b> <  | 7 2               | IJ <b>-</b>                             |                             | Y             |                                       | AALL ENVIKONMENTAL<br>ANAI VETS I ABOBATOBY | 2 | KONMENTAL<br>I ABOBATOBY |
|                |                  |                                  |   | Project Name:           |                      |                               |            |            |             | www.              | neller                                  | www hallenvironmental com   |               | ֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | ?<br>}                                      |   |                          |
| Mailing        | Mailing Address: |                                  |   |                         | Vince BGH #1         | 1#1                           |            | 901        | ławki       | 4901 Hawkins NE   | ,                                       | enonc                       | Lane          |                                       | Albuquerane, NM 87109                       |   |                          |
| 105 Sou        | Ith 4th S        | 105 South 4th Street Artesia, NM | 88210   | Project #:              |                      |                               |            | Tel. 5     | 35-34       | Tel. 505-345-3975 |   | Fax                         | 505-345-4107  | 45.4                                  | 107   |   |                          |
| Phone #:       | <u></u>          | 575-703-6537                     | 6537  |                         |                      |                               |            |            |             |                   | Ana                                     | Analysis Request            | Redn          | est                                   | 5   |   |                          |
| email or Fax#: | - Fax#:          | Chase 5                          | Chase Settle@eogresources.com   | Project Manager:        | ger:                 |                               |            |            |             |                   |   | (*(                         |               | -                                     |   |   |                          |
| QA/QC Package: | Package:         |                                  |   |                         | Chase Settle         |                               |            |            | ********    |                   |   | os"                         | 8,8           |                                       | ••  |   |                          |
| ☐ Standard     | dard             |                                  | ☐ Level 4 (Full Validation)   |                         | PO # 205. 0750       | 20                            |            |            |             |                   |   | 'nО                         | ЪС            |                                       |   |   |                          |
| Accreditation: | tation:<br>4P    | □ Other                          | :   | Sampler:<br>On Ice      | Chase Settle         | N.G.                          |            |            | (1.8        |                   | (LN                                     | ³'NO <sup>s</sup> '         | 7808 /        |                                       | (\  |   |                          |
| □ EDD (Type)   | (Type)           |                                  |   | Sample Tenir            | Grature: 2           | 9                             |            |            | l þ F       |                   |   |                             | səp           |                                       | <br>/O/                                     |   |                          |
| Date           | Time             | Matrix                           | Sample Request ID   | Container<br>Type and # | Preservative<br>Type | HEALND<br>MOYOGG              | BTEX + MTE | BTEX + MTE | odieM) Hqʻr | EDB (Methor       | 8310 (PNA.o<br>RCRA 8 Met               | ID, 4) snoinA               | 8081 Pesticio | AOV) 80828                            | /-imə2) 0\28                                |   |                          |
| 4/17/2017      | 4M722017 11:09A  | Soil                             | N-1.  | 1 - 4oz.                | None                 | 100-                          |            |            |             | 1                 |   | <del>  ```</del>            |               |                                       |   |   |                          |
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| Date:          | Time:            | Relinquished by:                 |   | Received by:            | The A                | Date Time                     | Remarks:   | ı          | esult       | neec              | led by                                  | Results needed by 4/27/2017 | /2017         | <u>.</u>                              |   |   |                          |
| Date:          | Time:            | Relinquished by:                 |   | Received by:            | <u>1</u>             | Date Time                     |            |            |             |                   |   |                             |               |                                       |   |   |                          |
| 7              | necessary,       | samples subr                     | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited lahoratories. This serves as notice of this nesshills. | intracted to other ac   | gredited Jabonatorie | This serves as notice of this | noegihilif | Y W        | 1           | 1000              | 111111111111111111111111111111111111111 |                             |               | .   }                                 |   |   |                          |



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 25, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

**FAX** 

RE: Vince BGH 1

OrderNo.: 1704923

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

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Released to Imaging: 2/27/2023 3:24:12 PM

**Analytical Report** 

Lab Order 1704923

Date Reported: 4/25/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG Resources** 

Project: Vince BGH 1

Lab ID: 1704923-001

Client Sample ID: E-1'

Collection Date: 4/17/2017 11:03:00 AM

Received Date: 4/20/2017 9:50:00 AM

| Analyses                 | Result | PQL Qu | al Units | DF Date Analyzed     | Batch      |
|--------------------------|--------|--------|----------|----------------------|------------|
| EPA METHOD 300.0: ANIONS |        |        |          | Ana                  | ılyst: MRA |
| Chloride                 | ND     | 30     | mg/Kg    | 20 4/24/2017 3:37:57 | PM 31386   |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1704923 25-Apr-17

Client:

**EOG Resources** 

Project:

Vince BGH 1

Sample ID MB-31386 SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

**PBS** 

Batch ID: 31386

PQL

1.5

RunNo: 42317

Analyte

Prep Date: 4/24/2017

Analysis Date: 4/24/2017

SeqNo: 1330756

Units: mg/Kg HighLimit

**RPDLimit** 

Qual

Chloride

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID:

Sample ID LCS-31386 LCSS

Batch ID: 31386

RunNo: 42317

SPK value SPK Ref Val %REC LowLimit

LowLimit

Prep Date:

4/24/2017

Analysis Date: 4/24/2017

SeqNo: 1330757

Units: mg/Kg

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HighLimit

**PQL** 1.5

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

Not Detected at the Reporting Limit

- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- RPD outside accepted recovery limits % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- E Value above quantitation range
- Analyte detected below quantitation limits
- Page 2 of 2
- P Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

# Sample Log-In Check List

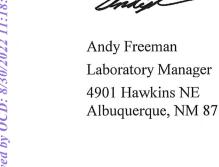
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|---------------------------------------|---|-----------------------|--|--|---|---|---|
| Client Name:                          | EOG/Yates   | Work Order Numb       | er: 1704                               | 923                                    |   | RcptNo:   | 1                                       |
| Received By:                          | Lindsay Mangin  | 4/20/2017 9:50:00 A   | \M                                     |  | James Allen                             | )   |   |
|                                       |   |                       |  |  | -A                                      |   |   |
| Completed By:                         | Ashley Gallegos   | 4/20/2017 11:51:28    | AW                                     |  | 547                                     |   |   |
| Reviewed By:                          | 2 AX  | 04/20117              |  |  |   |   |   |
| Chain of Cus                          | <u>stody</u>  |                       |  | K                                      | Koufaolit                               |   |   |
| 1. Custody sea                        | als intact on sample bottles?                             |                       | Yes                                    | M/                                     | No 🗆                                    | -Not Present-                                       |   |
| 2. Is Chain of 0                      | Custody complete?   |                       | Yes                                    | V                                      | No 🗆                                    | Not Present   |   |
| 3. How was the                        | e sample delivered?                                       |                       | Cou                                    | <u>rier</u>                            |   |   |   |
| <u>Log In</u>                         | •   |                       |  |  |   |   |   |
| 4. Was an atte                        | empt made to cool the sample                              | 98?                   | Yes                                    | V                                      | No 🗆                                    | na 🗆  |   |
| 5. Were all sar                       | mples received at a temperate                             | ure of >0° C to 6.0°C | Yes                                    | V                                      | No 🗆                                    | NA 🗆  |   |
| 6. Sample(s) i                        | n proper container(s)?                                    |                       | Yes                                    | <b>V</b>                               | No 🗆                                    |   |   |
| 7. Sufficient sa                      | imple volume for indicated tes                            | st(s)?                | Yes                                    | ✓                                      | No 🗆                                    |   |   |
| 8. Are samples                        | (except VOA and ONG) prop                                 | perly preserved?      | Yes                                    | V                                      | No 🗆                                    |   |   |
| 9. Was presen                         | ative added to bottles?                                   |                       | Yes                                    |  | No 🗹                                    | NA 🗆  |   |
| 10.VOA vials ha                       | ave zero headspace?                                       |                       | Yes                                    |  | No 🗆                                    | No VOA Vials 🗹                                      |   |
| 11. Were any si                       | ample containers received bro                             | oken?                 | Yes                                    |  | No 🗹                                    | # of preserved                                      |   |
|                                       |   |                       |  | _                                      |   | bottles checked                                     |   |
|                                       | work match bottle labels?<br>pancies on chain of custody) |                       | Yes                                    | $\checkmark$                           | No 📙                                    | for pH: (<2 o                                       | r >12 unless noted)                     |
|                                       | correctly identified on Chain                             | of Custody?           | Yes                                    | <b>V</b>                               | No 🗌                                    | Adjusted?   | . · · · · · · · · · · · · · · · · · · · |
|                                       | at analyses were requested?                               |                       | Yes                                    | <b>V</b>                               | No 🗆                                    |   |   |
|                                       | ding times able to be met?                                |                       | Yes                                    |  | No 🗌                                    | Checked by:   |   |
| (If no, notify                        | customer for authorization.)                              |                       |  |  |   |   |   |
| Special Hand                          | iling (if applicable)                                     |                       |  |  |   |   |   |
|                                       | otified of all discrepancies wit                          | h this order?         | Yes                                    |  | No □                                    | NA 🗹  |   |
| Person                                | n Notified:   | Date                  |  | INIVERSE.                              | *************************************** |   |   |
| By Wh                                 | om:   | Vla:                  | °<br>☐ eMa                             | dl 🗀                                   | Phone  Fax                              | ☐ In Person   |   |
| Regard                                | ilng:   | <b></b>               |  | incharate.                             |   | ***************************************             |   |
| Client                                | Instructions:   |                       | ************************************** | ###################################### | <u> </u>                                | in in production that he being a common on the con- |   |
| 17. Additional re                     | emarks:   |                       |  |  |   |   | J                                       |
| 18. <u>Cooler Info</u>                | rmation   |                       |  |  |   |   |   |
| Cooler No                             | Temp °C   Condition                                       | Seal Intact   Seal No | Seal Da                                | ite                                    | Signed By                               |   |   |
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|  | HALL ENVIRONMENTAL<br>ANALYSTS LABODATORY |      | - Albuquerane. NM 87109 |  | Ana          | (*(                           |              |                             | , 8082<br>2808        | sls<br>ON,<br>set | 8310 (PNA c<br>PCRA 8 Met<br>Anions (F,CI<br>8081 Pesticio<br>3260B (VOA<br>9270 (Semi- | ' ×              |  |  |   |  |  |   | Results needed by 4/27/2017. |                           |
|--|---|------|-------------------------|--|--------------|-------------------------------|--------------|-----------------------------|-----------------------|-------------------|---|------------------|--|--|---|--|--|---|------------------------------|---------------------------|
|  | HAL                                       | WWW. | 4901 Hawkins NE         | Tel. 505-345-3975                      |              | (lə:                          | <br><br>səic | 1/88!                       | (1.8                  | 09 F              | TPH Method<br>TPH (Method<br>EDB (Method  |                  |  |  |   |  |  | · | Results nee                  | ı                         |
|  |   |      | 490′                    | Tel.                                   |              | (y)                           | นด ธ         | (G9                         | НДТ                   | + ∃8              | BTEX + MTE<br>BTEX + MTE  | -                |  |  |   |  |  |   | Remarks:                     |                           |
| י יייייייייייייייייייייייייייייייייייי | X Standarc   Rush                         |      | Vince BGH #1            | Project #;                             |              | Project Manager:              | Chase Settle | PO # 205. 0750              | Sampler: Chase Settle | 2                 | Container Preservative HEAL: No Type 17704038   | 1-4oz. None -OO! |  |  |   |  |  | 7 | Received by Date Time        | Received by:    Date Time |
| Chain-or-Custody Record                | EOG Y Resources, Inc.                     |      |                         | 105 South 4th Street Artesia, NM 88210 | 575-703-6537 | Chase Settle@eogresources.com |              | ☐ Level 4 (Full Validation) | Office                |                   | Matrix Sample Request ID  | Soil E-1'        |  |  | - |  |  |   | Kelinquished by:             |                           |
| Cnain-                                 | : E0G Y I                                 |      | Mailing Address:        | outh 4th S                             | 3#:          | email or Fax#:                | ge:          | ndard                       | Accreditation:        | □ EDD (Type)      | Time  | 4172017 11:03A   |  |  |   |  |  |   | ime:<br>                     | Time:                     |
|  | Client:                                   |      | Mailin                  | 105 S                                  | Phone #:     | email                         | QAVQC        | □ Standard                  | Accre                 |                   | Date  | 417120           |  |  |   |  |  |   | Uate:<br>4-14-17             | Date:                     |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.





Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 1704924

April 25, 2017

Chase Settle **EOG Resources** 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111

**FAX** 

RE: Vince BGH 1

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Albuquerque, NM 87109

Released to Imaging: 2/27/2023 3:24:12 PM

**Analytical Report** 

Lab Order 1704924

Date Reported: 4/25/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG Resources** 

Project: Vince BGH 1

Lab ID: 1704924-001

Client Sample ID: Ex-4'

Collection Date: 4/17/2017 11:13:00 AM

Received Date: 4/20/2017 9:50:00 AM

| Analyses                 | Result | PQL Qu | al Units | DF | Date Analyzed       | Batch    |
|--------------------------|--------|--------|----------|----|---------------------|----------|
| EPA METHOD 300.0: ANIONS |        |        |          |    | Anal                | yst: MRA |
| Chloride                 | 8.5    | 3.0    | mg/Kg    | 2  | 4/24/2017 3:50:22 P | M 31386  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
  - W Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1704924

25-Apr-17

Client:

**EOG Resources** 

Project:

Vince BGH 1

Sample ID MB-31386

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

**PBS** 

Batch ID: 31386

RunNo: 42317

Prep Date: 4/24/2017

Analysis Date: 4/24/2017

SeqNo: 1330756

Units: mg/Kg

HighLimit

Qual

Analyte Chloride

Result ND

SampType: Ics

**PQL** 

1.5

1.5

TestCode: EPA Method 300.0: Anions

RunNo: 42317

%REC LowLimit

Client ID:

LCSS

Sample ID LCS-31386

Batch ID: 31386

SeqNo: 1330757

Units: mg/Kg

Prep Date:

4/24/2017

Analysis Date: 4/24/2017

%RPD

**RPDLimit** 

Analyte Chloride

Result

SPK value SPK Ref Val

SPK value SPK Ref Val

91.6

90

HighLimit 110

%RPD

Page 2 of 2

14

15.00

%REC LowLimit

**RPDLimit** 

Qual

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Sample pH Not In Range Reporting Detection Limit

P

RL

Sample container temperature is out of limit as specified

Not Detected at the Reporting Limit



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website; www.hallenvironmental.com

# Sample Log-In Check List

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|                                    |  | Website: www.i   | hallenvironmental | .com        |                            |                   |
|------------------------------------|--|--|-------------------|-------------|----------------------------|-------------------|
| Client Name:                       | EOG/Yates  | Work Order Number  | er: 1704924       |             | RcptNo:                    | 1                 |
| Received By:                       | Lindsay Mangin                                     | 4/20/2017 9:50:00 A  | м                 | Julythy     |                            |                   |
| Completed By:                      | Ashley Gallegos                                    | 4/20/2017 11:53:57 A   | AM.               | A           |                            |                   |
| Reviewed By:                       | D. Y   | 04/20/17   |                   | 2 + 0       |                            |                   |
| Chain of Custo                     | ody  |  |                   | 101/2019    |                            |                   |
| 1. Custody seals                   | intact on sample bottle                            | es?  | Yes 🗹 🦻           | No 🗆        | -Not-Present-              |                   |
| 2. Is Chain of Cu                  | stody complete?                                    |  | Yes 🗹             | No 🗌        | Not Present                |                   |
| 3. How was the s                   | ample delivered?                                   |  | <u>Courier</u>    |             |                            |                   |
| <u>Log In</u>                      |  |  |                   |             |                            |                   |
| 4. Was an attem                    | pt made to cool the sa                             | mples?   | Yes 🗹             | No 🗆        | NA 🗆                       |                   |
| 5. Were all samp                   | les received at a temp                             | erature of >0° C to 6.0°C  | Yes 🗹             | · No 🗆      | na 🗆                       |                   |
| 6. Sample(s) in p                  | proper container(s)?                               |  | Yes 🗹 .           | No 🗆        |                            |                   |
| 7. Sufficient sam                  | ple volume for indicate                            | d test(s)?   | Yes 🗹             | No 🗆        |                            |                   |
| 8. Are samples (                   | except VOA and ONG)                                | properly preserved?  | Yes 🗹             | No 🗆        |                            |                   |
| 9. Was preservat                   | ive added to bottles?                              |  | Yes 🗌             | No 🗹        | na 🗆                       |                   |
| 10.VOA vials have                  | e zero headspace?                                  |  | Yes 🗌             | No 🗆        | No VOA Viais 🗹             |                   |
| 11. Were any sam                   | ple containers receive                             | d broken?  | Yes               | No 🗹        | # of preserved             |                   |
| 40 Barrana                         | de weetsk k skille let et 20                       |  | V                 |             | bottles checked<br>for pH: |                   |
| • •                                | rk match bottle labels?<br>ncies on chain of custo |  | Yes 🗹             | No 📙        |                            | >12 unless noted) |
|                                    | orrectly identified on Cl                          | •  | Yes 🗹             | No 🗆        | Adjusted?                  | -                 |
| 14. Is it clear what               | analyses were request                              | ed?  | Yes 🗹             | No 🗆        |                            |                   |
|                                    | g times able to be met<br>stomer for authorizatio  |  | Yes 🗹             | No 🗆        | Checked by:                |                   |
|                                    |  |  |                   |             |                            |                   |
| Special Handlin                    | ng (if applicable)                                 |  |                   |             |                            |                   |
| 16. Was client noti                | fied of all discrepancie                           | s with this order?   | Yes 🗆             | No 🗆        | NA 🗹                       | 1                 |
| Person N                           | ,  | Date   |                   |             |                            |                   |
| By Whon                            | 2000   | Via:   | eMail F           | Phone 🗌 Fax | ☐ In Person                |                   |
| Regardin                           | COMPANDA PROPERTY OF                               | AFATTE ENGLISH AT MENNENNEN EN HAN DE AT MENTE EN HEN |                   |             |                            |                   |
|                                    | tructions:   |  |                   |             |                            |                   |
| 17. Additional rem                 |  |  |                   |             |                            |                   |
| 18. <u>Cooler Inform</u> Cooler No | <u>lation</u><br>│ Temp ºC                         | n   Seal Intact   Seal No  | Seal Date         | Signed By   |                            |                   |
| <del></del>                        | 3.9 Good   | Yes Yes  | Jeai Date         | Signed by   |                            |                   |
| I                                  | L  | ,  |                   |             |                            |                   |

Received by OCD: 8/30/2022 11:18:31 AM

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| OCD. 0  | C/O : 0/2          |
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| OCD. 9  | V 000              |
| OCD. 9  | V 000              |
| OCD. 9  | C/O : 0/2          |
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| J h. OCD. 9                                   |                    |
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| 10 JUN 00 10 10 10 10 10 10 10 10 10 10 10 10 | ed by OCD: 0/3     |
| 0 .UJU P                                      | ed by OCD: 0/3     |
| 10 JUN 00 10 10 10 10 10 10 10 10 10 10 10 10 | ed by OCD: 0/3     |
| 10 JUN 00 10 10 10 10 10 10 10 10 10 10 10 10 | ed by OCD: 0/3     |
| Och of his OCh. 6                             | ed by OCD: 0/3     |
| Och DCD. 0                                    | cerved by OCD: 0/3 |
| Oching his OCD. 0                             | cerved by OCD: 0/3 |
| Oching his OCD. 0                             | cerved by OCD: 0/3 |

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|------------------|------------------|----------------------------------|--|-------------------------|---|-------------------|------------|------------|------------|-------------------|------------------------------|------------------|-------------|-------------|-----|---|---|
| Client:          |                  | EOG Y Resources, Inc.            | is, Inc.   | X Standarc              | □ Rush                                  |                   |            |            | [ ∢        |                   | ANALYSIS LABORATORY          | <u> </u>         | 23          | N C         | Z   |   | ֓֞֝֝֞֝֞֝֓֓֓֓֓֓֟֝֓֓֓֓֓֓֓֓֓֓֓֓֡֝֓֡֓֓֓֡֓֡֝֡֓֡֓֡֓֡֡֝֡֓֡֡֓֡֡ |
|                  |                  |                                  |  | Project Name:           | **                                      |                   |            |            | ; ><br>L   | ww.h              | www.hallenvironmental.com    | onme             | ntal.c      | Eo          |     | )<br>!                                  |   |
| Mailing          | Mailing Address: | ;;                               |  | -                       | Vince BGH #1                            | I #1              | 7          | 1901 F     | lawkir     | 4901 Hawkins NE   | - Albuquerque, NM 87109      | iguera           | ue, N       | <u>™</u>    | 709 |   |   |
| 105 So           | uth 4th 8        | 105 South 4th Street Artesia, NM | esia, NM 88210   | Project #:              |   |                   |            | Tel. 5(    | 5-34       | Tel. 505-345-3975 | LL.                          | Fax 505-345-4107 | 5-34        | 410         |     |   |   |
| Phone #:         | #:               | 575-703-6537                     | -6537  | •                       |   |                   |            |            |            |                   | Anal                         | sis Re           | Request     | st          |     |   |   |
| email o          | email or Fax#:   |                                  | Chase Settle@eogresources.com  | Project Manager:        | ger:                                    |                   |            |            |            |                   |                              |                  |             |             |     | ļ                                       |   |
| QA/QC            | QA/QC Package:   |                                  |  |                         | Chase Settle                            |                   |            |            |            |                   |                              |                  | 0.0         |             |     | *************************************** |   |
| □ Standard       | dard             |                                  | ☐ Level 4 (Full Validation)  |                         | PO # 205, 0750                          | 750               |            |            |            |                   |                              |                  | <u> </u>    |             |     |   |   |
| Accreditation:   | Itation:<br>AP   | □ Other                          |  | Sampler:                | Chase Settle                            | ONEE .            |            |            |            |                   |                              |                  | 7000 /      | (+          |     |   |   |
| □ EDD (Type)     | (Type)           | 1 1                              |  |                         | empérature.                             |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
| Date             | Time             | Matrix                           | Sample Request ID  | Container<br>Type and # | Preservative<br>Type                    | HEALNO<br>1704934 | BTEX + MTE | BTEX + MTF | TPH (Metho | EDB (Metho        | RCRA 8 Met                   | Anions (F,CI     | AOV) E10828 | -imə2) 0728 |     |   |   |
| 4/17/2017        | 41772017 11:13A  | Soil                             | Ex-4'  | 1 - 4oz.                | None                                    | -00/              |            |            |            |                   |                              | ×                |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     | _                                       | <u> </u>  |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     | _                                       |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  | ,                |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  | •  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  |                  |                                  |  |                         |   |                   |            |            |            |                   |                              |                  |             |             |     |   |   |
| Date:<br>4-/4-/7 | Time: 2,20       | Relinquished by:                 | ed by:   | Received by:            | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\  | Date Time         | Remarks:   |            | esults     | need              | Results needed by 4/27/2017. | 12712            | 017.        |             |     |   |   |
| Date:            | Time:            | Relinquished by:                 | ed by:   | Received by             |   | Date Time         |            |            |            |                   |                              |                  |             |             |     |   |   |
|                  | H naceceany      | die edemon                       | Landing of the second of the s |                         | 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |                   |            |            |            |                   |                              |                  |             |             |     |   |   |

of this possibility. Any sub-contracted data will be clearly notated on the analytical report,



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 25, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

**FAX** 

RE: Vince BGH 1

OrderNo.: 1704925

Released to Imaging: 2/27/2023 3:24:12 PM

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/20/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

# Released to Imaging: 2/27/2023 3:24:12 PM

**Analytical Report** 

Lab Order 1704925

Date Reported: 4/25/2017

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG Resources** 

Project: Vince BGH 1

Lab ID: 1704925-001

Client Sample ID: Ex-5'

short sample 12.12at s

Collection Date: 4/17/2017 11:19:00 AM Received Date: 4/20/2017 9:50:00 AM

 Analyses
 Result
 PQL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Analyst: MRA

 Chloride
 ND
 30
 mg/Kg
 20
 4/24/2017 4:02:46 PM
 31386

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

#### **QC SUMMARY REPORT**

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1704925

25-Apr-17

Client:

**EOG Resources** 

Project:

Vince BGH 1

Sample ID MB-31386

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

**PBS** 

Batch ID: 31386

RunNo: 42317

Prep Date:

4/24/2017

Analysis Date: 4/24/2017

SeqNo: 1330756

Units: mg/Kg

Qual

Analyte Chloride

Result

SPK value SPK Ref Val %REC LowLimit

LowLimit

HighLimit

%RPD

ND 1.5

Sample ID LCS-31386

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS Prep Date:

4/24/2017

Batch ID: 31386

**PQL** 

1.5

RunNo: 42317

Analysis Date: 4/24/2017

SeqNo: 1330757

Units: mg/Kg

**RPDLimit** 

Analyte

Result

SPK value SPK Ref Val

0

%REC 91.6

90

%RPD

Qual

Chloride

14

15.00

HighLimit 110

**RPDLimit** 

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 2 of 2

P Sample pH Not In Range

RLReporting Detection Limit

Sample container temperature is out of limit as specified

Received by OCD: 8/30/2022 11:18:31 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

# Sample Log-In Check List

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|  | <b>.</b>                | Website: www.i   | hallenvir                  | onmente                                 | al.com                     |                    |                                |                     |
|--|-------------------------|--|----------------------------|---|----------------------------|--------------------|--------------------------------|---------------------|
| Client Name: EOG/Y                               | 'ates                   | Work Order Numbe   | er: 1704                   | 925                                     |                            |                    | RcptNo:                        | 1                   |
| Received By: Linds                               | ay Mangin               | 4/20/2017 9:50:00 Al   | м                          |   | July                       | Hego               | )                              |                     |
| Completed By: Ashle                              | y Gallegos              | 4/20/2017 11:56:43 /   | AM                         |   | A                          | P                  |                                |                     |
| Reviewed By:                                     | XXX                     | 04/20/17   |                            |   | (                          | J                  |                                |                     |
| Chain of Custody                                 | 9                       |  |                            |   | المانية                    | 17                 |                                |                     |
| 1. Custody seals intact                          | on sample bottles?      |  | Yes                        | M/S                                     | No                         |                    | -Not-Present-                  |                     |
| 2. Is Chain of Custody                           | complete?               |  | Yes                        | V                                       | No                         |                    | Not Present                    |                     |
| 3. How was the sample                            | delivered?              |  | <u>Cou</u>                 | <u>rier</u>                             |                            |                    |                                |                     |
| <u>Log In</u>                                    |                         |  |                            |   |                            |                    |                                |                     |
| 4. Was an attempt mad                            | de to cool the samples  | ?  | Yes                        | <b>V</b>                                | No                         |                    | NA $\square$                   |                     |
| 5. Were all samples rec                          | ceived at a temperature | e of >0° C to 6.0°C  | Yes                        | V                                       | No                         |                    | № □                            |                     |
| 6. Sample(s) in proper                           | container(s)?           |  | Yes                        | V                                       | No                         |                    |                                |                     |
| 7. Sufficient sample vol                         | ume for indicated test( | s)?  | Yes                        | V                                       | No                         |                    |                                |                     |
| 8. Are samples (except                           | VOA and ONG) prope      | rly preserved?   | Yes                        | V                                       | No                         |                    |                                |                     |
| 9. Was preservative add                          | ded to bottles?         |  | Yes                        |   | No                         | V                  | NA 🗆                           |                     |
| 10.VOA vials have zero                           | headspace?              |  | Yes                        |   | No                         |                    | No VOA Vials                   |                     |
| 11. Were any sample co                           | ntainers received brok  | en?  | Yes                        |   | No                         | <b>y</b>           | 4-6                            |                     |
|  |                         |  |                            |   | ,                          | F1                 | # of preserved bottles checked |                     |
| 12. Does paperwork mate (Note discrepancies of   |                         |  | Yes                        | Y                                       | No                         | L                  | for pH: (<2 o                  | r >12 unless noted) |
| 13. Are matrices correctly                       | •                       | Custody?   | Yes                        | V                                       | No                         |                    | Adjusted?                      |                     |
| 14. Is it clear what analys                      |                         | ·  | Yes                        | $\checkmark$                            | No                         |                    |                                |                     |
| 15. Were all holding time (If no, notify custome |                         |  | Yes                        | V                                       | No                         |                    | Checked by:                    |                     |
| (ii no, noting dubtome                           | · ioi adiiioimadioiii)  |  |                            |   |                            |                    |                                |                     |
| Special Handling (if                             | applicable)             |  |                            |   |                            |                    |                                |                     |
| 16. Was client notified of                       | all discrepancies with  | this order?  | Yes                        |   | No                         |                    | NA 🗹                           | _                   |
| Person Notified                                  | :                       | Date   | ### (## ### ## A# A# A# A# | *************************************** |                            | nemat <sup>*</sup> |                                |                     |
| By Whom:   |                         | Via:   | ☐ eMa                      | il 🔲                                    | Phone 🗌                    | Fax                | In Person                      |                     |
| Regarding:                                       |                         |  |                            |   |                            |                    |                                |                     |
| Client Instructio                                | ns:                     |  | 70                         |   |                            |                    |                                |                     |
| 17. Additional remarks:                          |                         |  |                            |   |                            |                    |                                |                     |
| 18. <u>Cooler Information</u>                    | p °C   Condition   S    | eal Intact   Seal No   | Seal Da                    | ate                                     | Signed E                   | By                 |                                |                     |
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| O. W.   | 6                  |
| D. 0  | 6                  |
| O. W.   | 6                  |
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| OCD. 0  | C/O : 0/2          |
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| OCD. 9  | V 000              |
| OCD. 0  | V 000              |
| OCD. 0  | C/O : 0/2          |
| 1. OCD. 0                                     | W CCD: 0/3         |
| 7 km OCD. 0/                                  | 1 my OCD: 0/3      |
| J h. OCD. 0                                   |                    |
| J h. OCD. 9                                   |                    |
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| 0 .UJU P                                      | ed by OCD: 0/3     |
| 10 JUN 00 10 10 10 10 10 10 10 10 10 10 10 10 | ed by OCD: 0/3     |
| 0 .UJU P                                      | ed by OCD: 0/3     |
| 10 JUN 00 10 10 10 10 10 10 10 10 10 10 10 10 | ed by OCD: 0/3     |
| 10 JUN 00 10 10 10 10 10 10 10 10 10 10 10 10 | ed by OCD: 0/3     |
| Och of his OCh. 6                             | ed by OCD: 0/3     |
| Och DCD. 0                                    | cerved by OCD: 0/3 |
| Oching his OCD. 0                             | cerved by OCD: 0/3 |
| Oching his OCD. 0                             | cerved by OCD: 0/3 |

|                          | HALL ENVIRONMENTAL    | AITAL SIS LABORALORI | .com                      | 4901 nawkins NE - Albuquerque, NM 8/109 | 505-345-4107                           | sst          |                               |                |                             |                 | (A                |              | AOV) 80828                               |                        |       |   |          |          |              |   |          |          |          |                |                                       |                  |          |
|--------------------------|-----------------------|----------------------|---------------------------|---|--|--------------|-------------------------------|----------------|-----------------------------|-----------------|-------------------|--------------|--|------------------------|-------|---|----------|----------|--------------|---|----------|----------|----------|----------------|---------------------------------------|------------------|----------|
| Ì                        | I K                   | 5                    | www.rianenvironmental.com | rdue,                                   | 05-34                                  | Request      |                               | s'8            | ьcı                         | 2808            | 3/5               |              | 8081 Pesticio                            |                        |       | - | <u> </u> | <u> </u> |              | - |          |          |          | -              | Remarks: Results needed by 4/27/2017. |                  |          |
|                          | > !<br>2 !            |                      | ווסווי                    | endne                                   | Fax 5                                  | sis F        | (*                            | os"            | <sup>7</sup> Od             | 10 <sup>s</sup> | l, <sub>E</sub> C | 'אכ          | IO,∃) snoinA                             | ×                      |       |   |          |          | 1            |   |          | ļ        |          | -              | 4/27/                                 |                  |          |
| İ                        | <u> </u>              |                      |                           | Ä                                       |  | √na          |                               |                |                             |                 |                   |              | RCRA 8 Met                               | 1                      |       |   |          |          |              |   |          |          |          |                | g p                                   |                  |          |
|                          |                       |                      | W. I                      | N<br>L                                  | Tel. 505-345-3975                      |              |                               |                |                             |                 |                   |              | ANY) 01:E8                               |                        | <br>ļ |   |          |          | <u> </u>     | _ |          | <u> </u> | <u> </u> | <u> </u>       | eede                                  |                  |          |
| =                        | Ì                     |                      | אַאַ<br>קיניקיי           | VKINS                                   | 345-                                   |              |                               |                |                             |                 |                   |              | EDB (Metho                               | <u> </u>               | <br>ļ |   | _        | <u>.</u> | ŀ            |   | _        |          |          |                | ults n                                |                  |          |
|                          | <b>-</b> 7            |                      | Š                         | <u> </u>                                | 505                                    |              | (IĐ                           |                | 1/56                        |                 |                   |              | bodfeM HQT                               |                        |       |   |          |          | <u>  · .</u> |   | <u> </u> |          |          | <del> </del> - | Resi                                  |                  |          |
|                          |                       |                      | 1001                      | 430                                     | <u>Tel</u>                             |              |                               |                |                             |                 |                   |              | BTEX + MTE                               | 1                      | ,     |   | <u>.</u> |          |              |   |          |          |          |                | īks:                                  |                  |          |
|                          |                       |                      |                           |   |  |              |                               |                |                             |                 |                   |              | BTEX + MT                                |                        |       |   |          |          |              |   |          | ļ        | -        |                | Sema                                  |                  |          |
|                          | andarc □ Rush         | ame:                 | Vince BGH #1              |   | .#.                                    |              | Project Manager:              | Chase Settle   | PO # 205, 0750              | Chase Settle    | // Yes ∵ ⊡ No     | emp          | ainer Preservative HEAL.No Type //ZM4935 | None $- \mathcal{D} I$ |       |   |          |          |              |   |          |          |          |                | Date                                  | Date Time        |          |
| Z                        | X Stand               | Project              | <del>-1</del> -           | Droiont #                               |  |              | Project                       |                |                             | Sampler         | On Ice:           | Sample T     | Container<br>Type and #                  | 1 - 40z.               | . •   |   |          | •        |              |   |          |          | ·        |                | Received by                           | Redeived by      | <u> </u> |
| Cliain-Oi-Custody Record | EOG Y Resources, Inc. |                      |                           |   | 105 South 4th Street Artesia, NM 88210 | 575-703-6537 | Chase Settle@eogresources.com |                | ☐ Level 4 (Full Validation) |                 | □ Other           |              | Matrix Sample Request ID                 | Soil Ex-5'             |       |   |          |          |              | - |          |          |          |                | Relinquished by:                      | Relinquished by: |          |
| - La                     | EOG Y I               |                      | Address:                  |   | th 4th St                              |              |                               |                | ard                         | ation:          | إي                | (Type)       | Time                                     | 4472017 11:19Д         |       | · | •        |          |              |   |          |          |          |                | Time:                                 |                  | _        |
| دَ                       | Client:               |                      | Mailing Address:          |   | 105 Sou                                | Phone #:     | email or Fax#:                | QA/QC Package: | □.Standard                  | Accreditation:  | O NELAP           | □ EDD (Type) | Date                                     | 4/17/2017              |       |   |          |          |              |   |          | •        |          |                | Date: T                               |                  | _        |

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Vince BGH #1 Closure Report #nTO1434537071



August 28, 2022

# Appendix D Current C-141 Closure

energy opportunity growth

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| Incident ID    | nTO1434537071 |
|----------------|---------------|
| District RP    | 1RP-3449      |
| Facility ID    |               |
| Application ID |               |

#### **Release Notification**

#### **Responsible Party**

|  |                       |                                    | (                                | OGRID 73                                | 377                             |                                   |  |
|--|-----------------------|------------------------------------|----------------------------------|---|---------------------------------|-----------------------------------|--|
| Contact Name Chase Settle                              |                       |                                    |                                  | (                                       | Contact Te                      | <sup>Celephone</sup> 575-748-1471 |  |
| Contact email Chase_Settle@eogresources.com            |                       |                                    |                                  |   | (assigned by OCD) nTO1434537071 |                                   |  |
| Contact mail   | ling address          | 104 S. 4th St                      | reet, Artesia,                   |   |                                 |                                   |  |
|  |                       |                                    | , ,                              | ,                                       |                                 |                                   |  |
|  |                       |                                    | Location                         | n of Rel                                | ease So                         | ource                             |  |
| Latitude 33  | .50283                |                                    |                                  | Lo                                      | ongitude '                      | -103.39753                        |  |
|  |                       |                                    | (NAD 83 in                       | decimal degre                           |                                 |                                   |  |
| Site Name Vi   | ince BGH              | <br>  #1                           |                                  | S                                       | ite Type F                      | Pipeline                          |  |
| Date Release   | Discovered            | 04/25/2012                         |                                  | A                                       | PI# (if app                     | <sup>plicable)</sup> 30-025-37104 |  |
|  |                       |                                    |                                  |   |                                 |                                   |  |
| Unit Letter  | Section               | Township                           | Range                            |   | Coun                            | nty                               |  |
| J  | 30                    | 9S                                 | 35E                              | Lea                                     |                                 |                                   |  |
|  | Materia               |                                    | Nature an                        | nd Volu                                 | me of I                         |                                   |  |
| Crude Oi   | 1                     | Volume Release                     | ed (bbls)                        |   |                                 | Volume Recovered (bbls)           |  |
| ✓ Produced   | Water                 | Volume Release                     | ed (bbls) 25                     |   |                                 | Volume Recovered (bbls) 25        |  |
|  |                       | Is the concentra<br>produced water | ation of dissolved >10,000 mg/l? | d chloride in                           | the                             | ✓ Yes □ No                        |  |
| Condensa   | ate                   | Volume Released (bbls)             |                                  |   |                                 | Volume Recovered (bbls)           |  |
| Natural C  | das                   | Volume Release                     | ed (Mcf)                         |   |                                 | Volume Recovered (Mcf)            |  |
| Other (describe) Volume/Weight Released (provide units |                       | ride units)                        |                                  | Volume/Weight Recovered (provide units) |                                 |                                   |  |
| Cause of Rel   | <sup>ease</sup> Pleas | e refer to the                     | original C-14                    | 41 for de                               | tails of                        | 1RP-3449.                         |  |

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| Incident ID    | nTO1434537071 |
|----------------|---------------|
| District RP    | 1RP-3449      |
| Facility ID    |               |
| Application ID |               |

| Was this a major release as defined by   | If YES, for what reason(s) does the responsible Volume released was 25 barrels        |  |
|--|---|--|
| 19.15.29.7(A) NMAC?  | Volume released was 25 barrers  | ·-   |
| ☑ Yes ☐ No   |   |  |
|  |   |  |
| TOTAL CONTRACTOR OF THE PROPERTY OF THE PROPER | d d d agra p d agra p   |  |
|  | otice given to the OCD? By whom? To whom some some some some some some some so        | nom? When and by what means (phone, email, etc)? through email on 04/26/2012.  |
| ·  | <b>C</b> ,  | · ·  |
|  | Initial R   | esponse  |
| The responsible  |   | y unless they could create a safety hazard that would result in injury   |
|  |   |  |
| The source of the rele   |   |  |
|  | s been secured to protect human health and  |  |
|  | ave been contained via the use of berms or concernable materials have been removed an | likes, absorbent pads, or other containment devices.   |
|  | d above have <u>not</u> been undertaken, explain                                      |  |
| if all the actions described   | a above have <u>nov</u> been undertaken, explain                                      | ,, .   |
|  |   |  |
|  |   |  |
|  |   |  |
| Per 19 15 29 8 R (4) NM  | AC the responsible party may commence r   | emediation immediately after discovery of a release. If remediation  |
| has begun, please attach   | a narrative of actions to date. If remedial   | efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.                     |
|  |   | best of my knowledge and understand that pursuant to OCD rules and   |
|  |   | fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have |
|  |   | at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws     |
| and/or regulations.  | 1   |  |
| Printed Name: Chase S  | Settle  | Title: Rep Safety & Environmental Sr   |
| Signature: Chase   | Settle  | Date: 08/28/2022   |
| email: Chase_Settle  | @eogresources.com   | Telephone: 575-748-1471  |
|  |   | •  |
| OCD Only   |   |  |
|  |   |  |
| Received by:   |   | Date:  |

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| Incident ID    | nAB1635557047 |
|----------------|---------------|
| District RP    | 1RP-4530      |
| Facility ID    |               |
| Application ID |               |

#### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

| Closure Report Attachment Checklist: Each of the following item   | ns must be included in the closure report.  |  |  |  |
|---|---|--|--|--|
| A scaled site and sampling diagram as described in 19.15.29.11  | NMAC  |  |  |  |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)   |   |  |  |  |
| ☐ Laboratory analyses of final sampling (Note: appropriate ODC D  | District office must be notified 2 days prior to final sampling)  |  |  |  |
| Description of remediation activities   |   |  |  |  |
|   |   |  |  |  |
| I hereby certify that the information given above is true and complete and regulations all operators are required to report and/or file certain remay endanger public health or the environment. The acceptance of a cashould their operations have failed to adequately investigate and remechangen human health or the environment. In addition, OCD acceptance of a Compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the conditaccordance with 19.15.29.13 NMAC including notification to the OCI. | C-141 report by the OCD does not relieve the operator of liability diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially itions that existed prior to the release or their final land use in |  |  |  |
| Printed Name: Chase Settle  | Title: Rep Safety & Environmental Sr  |  |  |  |
| Signature: <u>Chase Settle</u> D  | oate: 08/28/2022  |  |  |  |
| email: Chase_Settle@eogresources.com  | elephone: 575-748-1471  |  |  |  |
|   |   |  |  |  |
| OCD Only  |   |  |  |  |
| Received by:  | Date:8/30/2022  |  |  |  |
|   | liability should their operations have failed to adequately investigate and ter, human health, or the environment nor does not relieve the responsible regulations.   |  |  |  |
| Closure Approved by:Ashley Maxwell  | Date: 2/27/2023   |  |  |  |
| Printed Name: Ashley Maxwell  | Title: Environmental Specialist   |  |  |  |
|   |   |  |  |  |

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

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 139407

#### **CONDITIONS**

| Operator:         | OGRID:                                    |
|-------------------|---|
| EOG RESOURCES INC | 7377                                      |
| P.O. Box 2267     | Action Number:                            |
| Midland, TX 79702 | 139407                                    |
|                   | Action Type:                              |
|                   | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS

| Created By | Condition | Condition<br>Date |
|------------|-----------|-------------------|
| amaxwe     | None      | 2/27/2023         |