

EOG Resources, Inc. Artesia Division Office 104 S. 4th 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

Chase Settle Rep Safety & Environmental Sr EOG Resources, Inc.

Vince BGH #1 Closure Report #nTO1434537071



August 28, 2022

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Vince BGH #1

Closure Report

30-025-37104

J-30-9S-35E

Lea County, NM

August 28, 2022

nTO1434537071

Vince BGH #1

Closure Report



August 28, 2022

#n'	<u>TO14345</u>	37071	
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Site Map

Soil Analytical Table

Photos

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Appendix A: Original C-141 Initial

Appendix B: Email Correspondence

Appendix C: Original Closure Report

Appendix D: Current C-141 Closure

Vince BGH #1 Closure Report #nTO1434537071



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.



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Vince BGH #1 Closure Report #nTO1434537071







Vince BGH #1 Closure Report #nTO1434537071

Soil Analytical Table

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
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
Ν	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



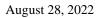
Vince BGH #1 Closure Report #nTO1434537071

Photos





Vince BGH #1 Closure Report #nTO1434537071





Oeog resources



Appendix A Original C-141 Initial

Signature:

District 1 625 N. French Dr., Hobbs, NM 88240 District 11 301 W. Grand Avenue, Artesia, NM 88210 District 111 000 Rio Brazos Road, Aztec, NM 87410 District 1V 220 S. St. Francis Dr., Santa Fe, NM 87505	DEC 1 1 2014 Oil Cons DECEMEN	of New Mexico als and Natural Resources servation Division uth St. Francis Dr. Fe, NM 87505	Form C-141 Revised October 10, 2003 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form						
Release Notification and Corrective Action									
	OPERATOR Initial Report Final Report								
Name of Company	OGRID Number	Contact							
Yates Petroleum Corporation	25575	Robert Asher							
Address		Telephone No.	***************************************						
104 S. 4 TH Street		575-748-1471							
Facility Name	API Number	Facility Type		······································					
Vince BGH #1	30-025-37104	Battery							
Surface Owner Fee	Mineral Own State	er	Lease No.						

LOCATION OF RELEASE

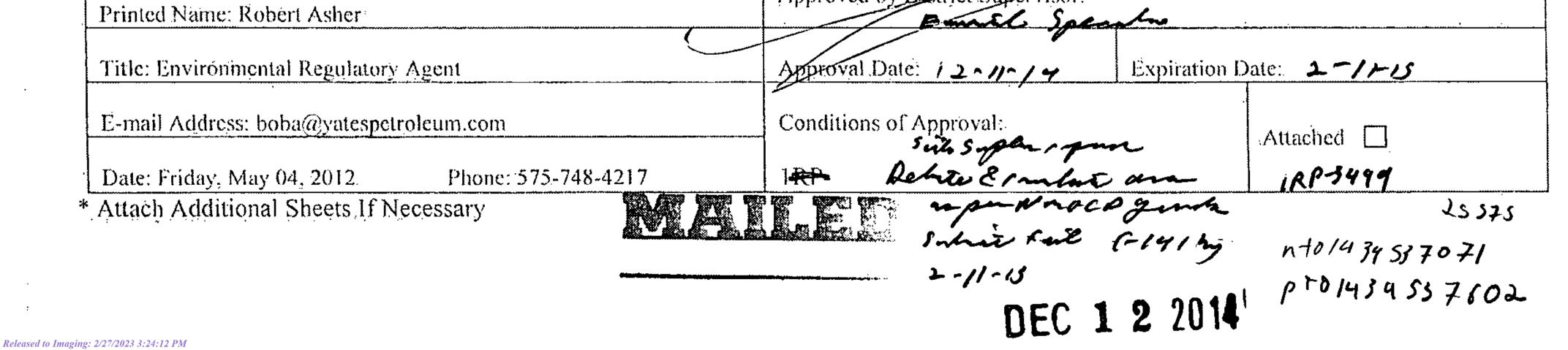
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County	
3	30	95	35E	1980	South	1750	East	Lea	
	:								
			· · · · · · · · · · · · · · · · · · ·	4	······	·····	L	<u></u>	

Latitude 33.50332 Longitude 103.39680

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered				
Produced Water	25 B/PW	25 B/PW				
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery				
Pipeline polyline	4/25/2012 - PM	4/25/2012 - PM				
Was Immediate Notice Given?	If YES, To Whom?					
Yes 🗋 No 🗍 Not Required	E.L. Gonzales & Geoffrey Leking/	NMOCD I				
By Whom?	Date and Hour.					
Bob Asher/Yates Petroleum Corporation	4/26/2012 - AM					
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tércourse:				
\Box Yes \boxtimes No	N/A					
If a Watercourse was Impacted, Describe Fully.*						
N/A	·					
Describe Cause of Problem and Remedial Action Taken.*						
Possible livestock in existing excavation. Possibly rubbing on 6" polyline	causing release. Spill reason in assur	med due to cattle tracks and fencing around				
excavation tore down, but undetermined at this time. Vacuum truck called	. Pipeline repaired.					
Describe Area Affected and Cleanup Action Taken.*						
An approximate area of 20° X 10°. Vacuum truck called, picked up all pro						
approved facility. Initial vertical/horizontal delineation samples within the	· · · ·					
initial analytical results for TPH/BTEX are under RRAL's a Final Report.						
results are above the RRAL, a work plan will be submitted to the NMOCI	D. Depth to Ground Water: >100' (approx. 135'), Wellhead Protection Area:				
No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.						
I hereby certify that the information given above is true and complete to the						
regulations all operators are required to report and/or file certain release n						
public health or the environment. The acceptance of a C-141 report by the	•	· · · · · · · · · · · · · · · · · · ·				
should their operations have failed to adequately investigate and remediat						
	or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other					
federal, state, or local laws and/or regulations.						
	OIL CONSER	VATION DIVISION				

Approved by District Supervisor:



Vince BGH #1 Closure Report #nTO1434537071



August 28, 2022

Appendix B Email Correspondence

From:	Yu, Olivia, EMNRD
To:	Bob Asher; Billings, Bradford, EMNRD
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:	image001.png

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 <u>Olivia.yu@state.nm.us</u> 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' <<u>Olivia.Yu@state.nm.us</u>>
Cc: Chase Settle <<u>Chase_Settle@eogresources.com</u>>; 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 <<u>Bob_Asher@eogresources.com</u>>
Cc: Chase Settle <<u>Chase_Settle@eogresources.com</u>>
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



Oberding, Tomas, EMNRD
Bob Asher
RE: Vince BGH #1
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: <u>tomas.oberding@state.nm.us</u>

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. 4th Street Artesia, NM 88210 575-748-4217 (Office) 575-365-4021 (Cell)

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Vince BGH #1 Closure Report #nTO1434537071



August 28, 2022

Appendix C Original C-141 Final Reports

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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

Release Notification and Corrective Action

	OPER	ATOR		Initial Report	\boxtimes	Final Report
Name of Company	OGRID Number	Contact				-
Yates Petroleum Corporation	25575	Robert Asher				
Address		Telephone No.				
104 S. 4 TH Street		575-748-1471				
Facility Name	API Number	Facility Type		:		
Vince BGH #1	Battery	3			18	
Surface Owner	Mineral Owner	•		ease No.		
Fee	State			cuse i to.		

LOCATION OF RELEASE

Unit Letter J	Section 30	Township 9S	Range 35E	Feet from the 1980	North/South Line South	Feet from the 1750	East/West Line East	County Lea
			-					

Latitude 33.50332 Longitude 103.39680

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 25 B/PW	Volume Recovered 25 B/PW
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Pipeline polyline	4/25/2012 - PM	4/25/2012 - PM
Was Immediate Notice Given?	If YES, To Whom?	
Yes 🗌 No 🗌 Not Required	E.L. Gonzales & Geoffrey Leking/	/NMOCD I
By Whom?	Date and Hour	
Bob Asher/Yates Petroleum Corporation	4/26/2012 - AM	
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	atercourse.
🗌 Yes 🛛 No	N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.*		
Possible livestock in existing excavation. Possibly rubbing on 6" polyline	causing release. Spill reason in assu	med due to cattle tracks and fencing around
excavation tore down, but undetermined at this time. Vacuum truck called		
Describe Area Affected and Cleanup Action Taken.*		
An approximate area of 20' X 10'. Vacuum truck called, picked up all pr	oduced water. Impacted soils excava	ated and being taken to an NMOCD
approved facility. Initial vertical/horizontal delineation samples within th	e impacted area will be analyzed for	TPH/BTEX (Chlorides for reference). If
initial analytical results for TPH/BTEX are under RRAL's a Final Report	, C-141 will be submitted to the NMC	OCD requesting closure. If the analytical
results are above the RRAL, a work plan will be submitted to the NMOC		
No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.	Based on depth to ground water, in	mpacted soils excavated/removed, all
water recovered and liner to be installed, Yates Petroleum Corporati		
I hereby certify that the information given above is true and complete to t	he best of my knowledge and underst	tand that pursuant to NMOCD rules and
regulations all operators are required to report and/or file certain release r	notifications and perform corrective a	ctions for releases which may endanger
public health or the environment. The acceptance of a C-141 report by the	e NMOCD marked as "Final Report"	does not relieve the operator of liability
should their operations have failed to adequately investigate and remedia		
or the environment. In addition, NMOCD acceptance of a C-141 report of	loes not relieve the operator of respon	sibility for compliance with any other
federal, state, or local laws and/or regulations.	1	· · · · · · · · · · · · · · · · · · ·
	OIL CONSER	VATION DIVISION
\bigcirc		
Signature:		
	Approved by District Supervisor:	
Printed Name: Robert Asher		
Title: Environmental Regulatory Agent	Approval Date:	Expiration Date:
	- PP-0 - MI Durbi	Expiration Date.
E-mail Address: boba@yatespetroleum.com	Q 11.1 CA 1	
	Conditions of Approval:	
	Conditions of Approval:	Attached
Date: Wednesday, June 06, 2012 Phone: 575-748-4217	1RP-	Attached

* Attach Additional Sheets If Necessary

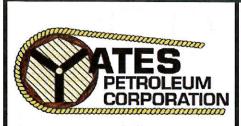
Battery (Not to Scale)					1
	Well He	pad			NORTH
	-				
 x x	 		 	 	Buried Pipe Line
X X Release/Excavation and Sample Area					

Analytical Report- 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



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

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: <u>www.hallenvironmental.com</u>

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 <u>www.hallenvironmental.com</u> 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 1205516

Date Reported: 5/18/2012

5/16/2012 2:39:16 PM

5/16/2012 2:39:16 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum			Client Sample	ID: Comp-	-01.0
Project: Vince BGH #1			Collection D	ate: 5/10/2	012 10:18:00 AM
Lab ID: 1205516-001	Matrix:	SOIL	Received D	ate: 5/11/2	012 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

0.097

80-120

ND

93.6

mg/Kg

%REC

1

1

- */X Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В 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**

CLIENT: Yates Petroleum

Project:

Vince BGH #1

Analytical Report Lab Order 1205516 Date Reported: 5/18/2012

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Comp-02.0 Collection Date: 5/10/2012 10:33:00 AM Received Date: 5/11/2012 9:15:00 AM

Lab ID: 1205516-002	Matrix:	SOIL	Received D	ate: 5/11/2	012 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	9.8	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 RA	NGE				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

- */X Value exceeds Maximum Contaminant Level.
- Value above quantitation range Е
- Analyte detected below quantitation limits J
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- RL Reporting Detection Limit

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 1205516

5/16/2012 3:36:46 PM

Analyst: NSB

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/18/2012 Client Sample ID: Comp-03.0

1

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1

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CLIENT: Yates Petroleum **Project:** Vince BGH #1 Collection Date: 5/10/2012 10:41:00 AM Lab ID: 1205516-003 Matrix: SOIL Received Date: 5/11/2012 9:15:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed** EPA METHOD 8015B: DIESEL RANGE 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 RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 5/16/2012 3:36:46 PM

69.7-121

0.048

0.048

0.048

0.096

80-120

%REC

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%REC

105

ND

ND

ND

ND

94.4

- */X Value exceeds Maximum Contaminant Level. Е
- Value above quantitation range J
- Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits S
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

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

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ENVIRONMENTAL ANALYSIS	all Environmental Analysi 4901 Albuquerqu EL: 505-345-3975 FAX: 5 Website: www.hallenviro	Hawkins N e, NM 8710 05-345-410		Log-In Check List
Client Name: Yates/Retroleum Corporation	Work O	rder Numb	er: 1205516	
Received by/date:	(
051	1/12		Auchor Allering	
	012 9:15:00 AM	l	(Junahu Hlafage) Junahu Hlafage)	
	2012 9:52:40 AM	C	Jumpy Harpo	
Reviewed By: TO OS/14/20				
Chain of Custody			186	
1. Were seals intact?	Yes	No	Not Present	✓
2. Is Chain of Custody complete?	Yes	No 🗸 No	Not Present	
3. How was the sample delivered?	Fed	<u>Ex</u>		
<u>Log In</u>			10 1 1	
4. Coolers are present? (see 19. for cooler specific in	formation) Yes	🖌 No	NA	
E . Mas an attainat made to cool the complex?	Xa	No		
5. Was an attempt made to cool the samples?	Yes	5 (* † NO	NA NA	
6. Were all samples received at a temperature of >0	° C to 6.0°C Yes	s 🖌 No	NA	1
7. Sample(s) in proper container(s)?	Ye	s 🗸 No		
8. Sufficient sample volume for indicated test(s)?		s 🗸 No	3 <u>1</u>	
 Are samples (except VOA and ONG) properly pres 		s 🗸 No	- 11 -	
10. Was preservative added to bottles?		s No		
 Modeland Anisot Sound Sound Sound Transformer and the Interface Antibiotype and A				
11. VOA vials have zero headspace?	Ye	s No	No VOA Vials	s ✔
12. Were any sample containers received broken?	Ye			
13. Does paperwork match bottle labels?	Ye	s 🖌 No	bottles	eserved checked
(Note discrepancies on chain of custody) 14. Are matrices correctly identified on Chain of Custo	odu? Va	s 🗸 No	for pH:	(<2 or >12 unless noted)
15. Is it clear what analyses were requested?		s 🗸 No		Adjusted?
16. Were all holding times able to be met?		s 🗸 No		ideo (* − 7/10/19/20-Aud 198
(If no, notify customer for authorization.)			c	hecked by:
Special Handling (if applicable)			I	
17. Was client notified of all discrepancies with this or	rder? Ye	s No	3 N/	A 🗸
Person Notified:	Date:		an talan a share the state of the	
By Whom:	······································	/lail ^{: :} Pl	none Fax I	n Person
Regarding:	via. : eiv			
Client Instructions:		ni di Tanàn ina kaominina mandritra dia mandritra dia kaominina dia kaominina dia kaominina dia kaominina dia k		and an and a second
18. Additional remarks:				
18. Additional remarks.	đo.			
19. Cooler Information		144	45	
Cooler No Temp °C Condition Seal Int:	act Seal No Seal I	Date	Signed By	9
1 4.3 Good Yes	······································		·	

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Page 1 of 1

Vince			Cornoration]									ł	n
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Artesia, NM 88210 Protect #: Indext #: Tel. 505-345-3015 Fax 665-3010 515-748-4217 515-748-4217 300-025-37104 Protect #anget 300-025-37104 515-748-4217 Dobe@@refereperturbum.com Project #anget 300-025-37104 Annow # Protect File Dobe@filerefereperturbum.com Project #anget 3000-025-37104 Annow # Protect Robe@filerefereperturbum.com Project #anget Boost #anget Boost #anget Boost #anget Annow # Protect Sampler Boost #anget Breack # MEBE # TMB # (Gas on hy) Dobe@filerefereperturbus Robe@filerefereperturbus Bander Protect # Breack # Breack # Break # MEBE # TMB # (Gas on hy) Dobe@filerefereperturbus Bander Robe@filerefereperturbus Container Protect # Break # MEBE # TMB # (Gas on hy) Dobe@filerefereperturbus Bandor # Break # MEBE # TMB # (Gas on hy) Dobe@filerefereperturbus Robe@filerefereperturbus Sample Record # Break # MEBE # TMB #		5 S. F	Fourth Street		Vince BGH #	Ħ		4901	Hawki	IS NE	I.	rduerc	lue, h	VM 87	109		
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Dobe@Systemepetroleum.com Project Manager: Project Manager: I Level 4 (Ful Validation) Project Manager: Sample: Sample: Sample		5-748	3-4217		30-025-3710	4				A	nalysi	s Req	uest				
Product Aster Compose only Reinquished by 1 - 4cc Pair Reinquished by 1 - 4cc Pair Reinquished by 2		oba@)	yatespetroleum.com	Project Manao	jer:			_			÷	(1					
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Received by OCD: 8/30/2022 11:18:31 AM



May 18, 2012

Robert Asher Yates Petroleum 105 South 4th Artesia, NM 88210 TEL: (575) 748-4217 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

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 <u>www.hallenvironmental.com</u> 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analy	ysis Laborat	ory, Inc.			Order 1205516 e Reported: 5/18/2012
CLIENT: Yates Petroleum			Client Sample	e ID: Comp-	01.0
Project: Vince BGH #1			Collection I	Date: 5/10/20	012 10:18:00 AM
Lab ID: 1205516-001	Matrix: S	OIL	Received I	Date: 5/11/20	012 9:15:00 AM
Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS					Analyst: BRM
Chloride	1,700	75	mg/Kg	50	5/16/2012 9:58:09 AM

- */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

Analytical Report

sis Laborat	ory, Inc.			Order 1205516 e Reported: 5/18/2012
		Client Sample	• ID: Comp-	.02.0
		Collection D	ate: 5/10/20	012 10:33:00 AM
Matrix: S	OIL	Received D	ate: 5/11/2	012 9:15:00 AM
Result	RL Qu	al Units	DF	Date Analyzed
				Analyst: BRM
1,300	75	mg/Kg	50	5/16/2012 11:25:03 AM
	Matrix: S Result		Client Sample Collection D Matrix: SOIL Received D Result RL Qual Units	Arsis Laboratory, Inc. Dat Client Sample ID: Comp- Collection Date: 5/10/2 Matrix: SOIL Received Date: 5/11/2 Result RL Qual Units DF

- */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

Hall Environmental Analy	ysis Laborat	ory, Inc.	1	Lab	alytical Report Order 1205516 e Reported: 5/18/2012
CLIENT: Yates Petroleum			Client Sample	e ID: Comp-	03.0
Project: Vince BGH #1			Collection I	Date: 5/10/20	012 10:41:00 AM
Lab ID: 1205516-003	Matrix: S	OIL	Received I	Date: 5/11/20	012 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

- */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

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

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental A Albuq TEL: 505-345-3975 F Website: www.hall	4901 uerque FAX: 50	Hawl NM 5-34	kins 1 1871 15-41	VE 05 07	Sample Log-In Check List
Client Name: Yates/Retroleum Corporation	W	ork Orc	ler N	lumt	oer: *	1205516
Received by/date:						
	05/11/12				Finan	4/11/400
	5/11/2012 9:15:00 AM				\mathcal{U}	y mayos hythlagos
	5/11/2012 9:52:40 AM				Otra	by Hergoo
Reviewed By: TO OS/14/20						
Chain of Custody						
1. Were seals intact?		Yes		No	3	Not Present 🗸
2. Is Chain of Custody complete?		Yes		No		Not Present
3. How was the sample delivered?		FedE	x			
Log In						
	oific information)	Yes		No	; ;	NA
4. Coolers are present? (see 19. for cooler spe	chic mornation)	res	1941	NU		NA
5. Was an attempt made to cool the samples?		Yes	V	No	i 1	NA
						*
6. Were all samples received at a temperature	of >0° C to 6.0°C	Yes	Vi	No	i i	NA
7. Sample(s) in proper container(s)?		Yes				
8. Sufficient sample volume for indicated test(Yes			* 8 8 8	
9. Are samples (except VOA and ONG) prope	rly preserved?	Yes				
10. Was preservative added to bottles?		Yes	<i>v</i>]	No	\checkmark	NA
11, VOA vials have zero headspace?		Yes		No	÷ ;	No VOA Vials 🖌
12. Were any sample containers received broke	en?	Yes	ł		V	
13. Does paperwork match bottle labels?		Yes	~		5 E	# of preserved
(Note discrepancies on chain of custody)						bottles checked for pH:
14. Are matrices correctly identified on Chain o	f Custody?	Yes			1	(<2 or >12 unless noted)
15. Is it clear what analyses were requested?		Yes				Adjusted?
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes	V	No		
Special Handling (if applicable)						Checked by:
17. Was client notified of all discrepancies with	this order?	Vee	;	N		NIA
		Yes		No		NA 🗸
Person Notified:	Date:					
By Whom:	Via: :	eMa		P [:]	hone	Fax In Person
Regarding:			Carne Named and Annotation			
Client Instructions:						
18. Additional remarks:		8				
19. <u>Cooler Information</u> Cooler No Temp °C Condition S	eal Intact Seal No S	Seal Da	ate	I	Sign	ned By
1 4.3 Good Ye			10		oign	
					10	

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HALLENVIRONMENTAL	ANALYSIS LABORATORY			40 2								-					•	••• •		-	+		Remarks: Please put Chlorides on separate report. Please show ALL results as mg/kg. Thank you.	T) N N	report.
Z			- Albuquerque, NM 87109	7(*												lease sho	101	This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report
Σ	Ö	Eo	JM 8	505-345-4107					(/-ime2) 0728												t. Ple	36	the ar
C	Ä	Ital.c	, N	-345	est			10 T			(AOV) 80828												rate report.	1 PU	ted on
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li	iΣ	allen			Analysis Request	4					RCRA 8 Met								\square				es on	1 15	will be
		www.hallenvironmental.com	4901 Hawkins NE	Tel. 505-345-3975	Ar			Y		50	o ANG) 0128						(2)						Remarks: Please put Chloride results as mg/kg. Thank you.	Sing	d data
	Z	M.	kins	345-							EDB (Method												se put Chl kg. Thank	B	ntracte
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100					`	boba@yatespetroleum.com		Level 4 (Full Validation)			Sample Request ID	Comp-00:30,10	Comp-01-0 02-10	Comp-01.5-03,0				-							mental
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ust	E E		105 S. Fourth Street	Artesia, NM 88210	575-748-4217	a@ys			ther		, X			-				2	\rightarrow	_	+		- lishe	uishe	submit
Chain-of-Custody Record	Yates Petroleum Corporation		105	Arte	575-	bobs			□ Other		Matrix	Soil	Soil	Soil									Relinquished by	Relinquished by	if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.
Ö-	s Pe										Time	10:18 AM	10:33 AM	1 AM						-			PM		sary, se
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Received by OCD: 8/30/2022 11:18:31 AM

From:	Bob Asher
To:	Yu, Olivia, EMNRD; Oberding, Tomas, EMNRD; Griswold, Jim, EMNRD
Cc:	Chase Settle; Katie Parker
Subject:	RE: Vince BGH #1 (1RP-3449)
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 <<u>Olivia.Yu@state.nm.us</u>>; Oberding, Tomas, EMNRD
<<u>Tomas.Oberding@state.nm.us</u>>
Cc: Chase Settle <<u>Chase_Settle@eogresources.com</u>>
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: <u>Kristen.Lynch@state.nm.us</u> 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. 4th 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



Oberding, Tomas, EMNRD
Bob Asher
RE: Vince BGH #1
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: <u>tomas.oberding@state.nm.us</u>

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. 4th Street Artesia, NM 88210 575-748-4217 (Office) 575-365-4021 (Cell)

This message may contain confidential information and is intended for the named recipient only. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.

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

Form C-141 Revised October 10, 2003

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

Release Notification and Corrective Action

	OPER	ATOR	Initial Report	\boxtimes	Final Report
Name of Company	OGRID Number	Contact			
EOG Y Resources, Inc. (formerly YPC)	25575	Robert Asher			
Address		Telephone No.			
104 S. 4 TH Street		575-748-1471			
Facility Name	API Number	Facility Type			
Vince BGH #1	30-025-37104	Battery			
Surface Owner	Mineral Owner		Lease No.		
Fee	State				

LOCATION OF RELEASE

Unit Letter J	Section 30	Township 9S	Range 35E	Feet from the 1980	North/South Line South	Feet from the 1750	East/West Line East	County Lea

Latitude 33.50332 Longitude 103.39680

NATURE OF RELEASE

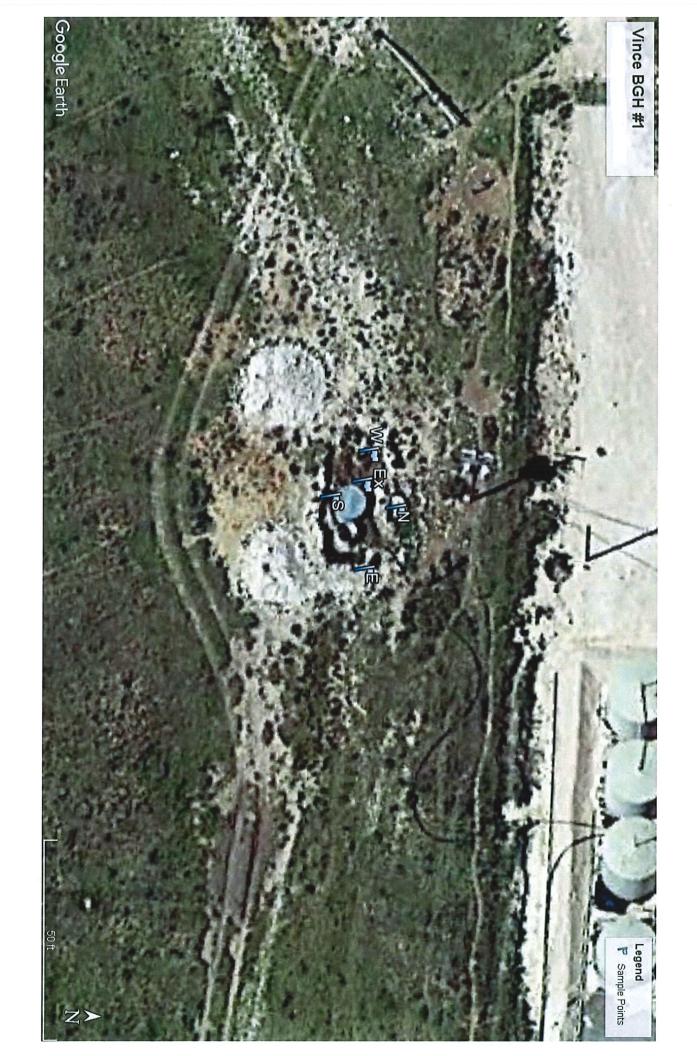
Type of Release	Volume of Release	Volume R	ecovered
Produced Water	25 B/PW	25 B/PW	
Source of Release	Date and Hour of Occurrence	Date and I	Hour of Discovery
Pipeline polyline	4/25/2012 - PM	4/25/2012	- PM
Was Immediate Notice Given?	If YES, To Whom?		
🛛 Yes 🗌 No 🗌 Not Required	E.L. Gonzales & Geoffrey Leking/	NMOCD I	
By Whom?	Date and Hour		
Bob Asher/Yates Petroleum Corporation	4/26/2012 - AM		
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	tercourse.	
🗌 Yes 🖾 No	N/A		
If a Watercourse was Impacted, Describe Fully.*			
N/A			
Describe Cause of Problem and Remedial Action Taken.*			
Possible livestock in existing excavation. Possibly rubbing on 6" polyline	causing release. Spill reason in assu	med due to ca	attle tracks and fencing around
excavation tore down, but undetermined at this time. Vacuum truck called	d. Pipeline repaired.		C
Describe Area Affected and Cleanup Action Taken.*			
An approximate area of 20' X 10'. Vacuum truck called, picked up all pr	oduced water. Impacted soils excava	ted and being	taken to an NMOCD
approved facility. Initial vertical/horizontal delineation samples within th	e impacted area will be analyzed for T	PH/BTEX (C	Chlorides for reference). If
initial analytical results for TPH/BTEX are under RRAL's a Final Report	, C-141 will be submitted to the NMC	CD requestir	ng closure. Depth to Ground
Water: >100' (approx. 137', Sec 27, T9S-R35E, NMOSE), Wellhead I	Protection Area: No, Distance to Su	rface Water	Body: >1000', SITE
RANKING IS 0. Based on depth to ground water, impacted soils exc	avated/removed, all water recovere	d and enclos	ed $(4/17/2017)$ delineation
sample results, EOG Resources, Inc. requests closure with no further	remediation actions taken.		,
I hereby certify that the information given above is true and complete to t	he best of my knowledge and understa	and that pursu	ant to NMOCD rules and
regulations all operators are required to report and/or file certain release n	otifications and perform corrective ac	tions for release	ases which may endanger
public health or the environment. The acceptance of a C-141 report by th	e NMOCD marked as "Final Report"	does not relie	eve the operator of liability
should their operations have failed to adequately investigate and remediat	e contamination that pose a threat to a	ground water.	surface water, human health
or the environment. In addition, NMOCD acceptance of a C-141 report d	oes not relieve the operator of respon	sibility for co	mpliance with any other
federal, state, or local laws and/or regulations.	1 1	, in the second s	······
\circ	OIL CONSERV	ATION 1	DIVISION
	OIL CONDER		
Signature:			
	Approved by District Supervisor:		
Printed Name: Robert Asher	Approved by District Supervisor.		
Title: Environmental Supervisor	Approval Date:	Expiration D	late:
		Expiration D	
E-mail Address: Robert Asher@eogresources.com	Conditions of Approval:		
	conditions of reproval.		Attached
Date: Friday, May 05, 2017 Phone: 575-748-4217	1RP-		
Attach Additional Sheets If Necessary			

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 longe	been rep	olaced,												
serves a water right file.)		le is			20					E 3=SW 4	=SE) (NAD83 UTN meters)	1 in	(In f	eet)
		POD Sub-		Q	•					g,	meterey		(in it	
POD Number	Code		County	0.000				Tws	Rna	х	Y	DistanceDe	nthWellDent	Water hWater Column
L 11998 POD1	couc	L	LE				07	095			3713286	5041	200	
L 12426 POD1		1	LE	1	4	1	19	095	36E		3710545	9330	156	
		-		-	-		10	030	JUL	00/311	5710545	9330	100	
L 12449 POD1		L	LE	3	4	3	26	10S	35E	654950	3698136 🍑	11804	140	114 26
											Ave	rage Depth to V	Nater:	114 feet
												Minimum De	epth:	114 feet
												Maximum De	epth:	114 feet
Record 3 Count: UTMNAD83 Ra	adius Search (i	in meter	<u>rs):</u>											
Easting (X):	648866.20786	99573	North	hing	1)	():	3708	252.67	733906	968	Radius: 1180	5		
					100						STATISTICS OF THE STATISTICS	27. 2		

2/1/17 10:41 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

	Ex-5	Analytical Report- 1704919 (Hall)	Ex-4'	Analytical Report- 1704924 (Hall)	E-1'	Analytical Report- 1704923 (Hall)	N-1'	Analytical Report- 1704922 (Hall)	S-1'	Analytical Report- 1704920 (Hall)	W-1'	Analytical Report- 1704919 (Hall)
	Excavation	Sample Area	Excavation	Sample Area	East of Excavation Area	Sample Area	North of Excavation Area	Sample Area	South of Excavation Area	Sample Area	West of Excavation Area	Sample Area
	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
I	Comp/Auger	Sample Type	Comp/Auger	Sample Type	Comp/Auger	Sample Type	Comp/Auger	Sample Type	Comp/Auger	Sample Type	Comp/Auger	Sample Type
	IJ	Depth	4'	Depth	1'	Depth	1'	Depth	1'	Depth	1'	Depth
		BTEX		BTEX		BTEX		BTEX		BTEX		BTEX
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Contraction of the owner own		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

April 25, 2017

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

RE: Vince BGH 1

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

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 <u>www.hallenvironmental.com</u> 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,

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

andig

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Anal	ysis Labora	tory, Inc.		Analytical Report Lab Order 1704919 Date Reported: 4/25/20	017
CLIENT: EOG Resources			Client Samp	le ID: W-1'	
Project: Vince BGH 1			Collection	Date: 4/17/2017 10:52:00 AM	
Lab ID: 1704919-001	Matrix:	SOIL	Received	Date: 4/20/2017 9:50:00 AM	
Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analys	st: MRA
Chloride	ND	30	mg/Kg	20 4/24/2017 2:11:07 PM	31386

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

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

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

Sample ID MB-31386 SampType: mblk TestCode: EPA Method 300.0: Anions Batch ID: 31386 Client ID: PBS RunNo: 42317 Prep Date: 4/24/2017 Analysis Date: 4/24/2017 SeqNo: 1330756 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit Analyte Result PQL HighLimit %RPD RPDLimit Qual Chloride ND 1.5 TestCode: EPA Method 300.0: Anions Sample ID LCS-31386 SampType: Ics Client ID: LCSS Batch ID: 31386 RunNo: 42317 Analysis Date: 4/24/2017 SeqNo: 1330757 Prep Date: 4/24/2017 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 14 1.5 15.00 0 91.6 90 110 Chloride

Qualifiers:

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

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

25-Apr-17

Page 2 of 2

HALL Environmental Analysis Laboratory	Hall Environmenta All TEL: 505-345-397 Website: www.h	4901 Ha buquerque, 1 5 FAX: 505-	awkins NE NM 87109 -345-4107	Sam	ple Log-In Check List
Client Name: EOG/Yates	Work Order Numbe	r: 1704919	9		RcptNo: 1
Received By: Lindsay Mangin	4/20/2017 9:50:00 AN	n	Ø	rhy/Hlago	
Completed By: Ashley Gallegos Reviewed By:	4/20/2017 11:35:05 A 04[/Z0/17	M	A	F	
Chain of Custody			ist 24/2	ort	
1. Custody seals intact on sample bottles?		Yes 🖸		No 🗌	Not Present-
2. Is Chain of Custody complete?		Yes 🗹	2	No 🗌	Not Present
3. How was the sample delivered?	•	Courier			
<u>Log In</u>					
4. Was an attempt made to cool the sample	es?	Yes 🔽	2	No 🗆	
5. Were all samples received at a temperate	ure of >0° C to 6.0°C	Yes 🗹) r	No 🗆	
6. Sample(s) in proper container(s)?		Yes 🔽	2	No 🗌	
7. Sufficient sample volume for indicated tes	st(s)?	Yes 🗹]	No 🗌	
8. Are samples (except VOA and ONG) prop	perly preserved?	Yes 🗹]	No 🗌	
9. Was preservative added to bottles?		Yes 🗌]	No 🗹	na 🗆
10.VOA vials have zero headspace?		Yes 🗌] 1	No 🗆	No VOA Vials 🗹
11. Were any sample containers received broken	oken?	Yes 🗆]	No 🗹	# of preserved
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹] I	No 🗆	bottles checked for pH: (<2 or >12 unless noted)
13. Are matrices correctly identified on Chain	of Custody?	Yes 🗹) r	vo 🗆 🛛	Adjusted?
14. Is it clear what analyses were requested?		Yes 🗹		No 🗌 🛛	
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🖌] 1	No 🗌	Checked by:
Spe <u>cial</u> Handling (if applicable)					

16.	Was client notified of all o	liscrepancies with this order?		Yes []	No 🗌	NA 🗹
	Person Notified:		Date	1 and the second	in an		
	By Whom:		Via:	eMail		- Louis	In Person
	Regarding:						a minor et de la constante de la constant
	Client Instructions:				in an		

-

17. Additional remarks:

18. Cooler Information

	C Condition	Seal Intact	Seal No	Seal Date	Signed By
1 3.9	Good	Yes			

Page 1 of 1

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

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Chase Settle Project Manager. Chase Settle Chase Settle Chase Settle Chase Settle Chase Settle Chase Settle Chase Settle Sampler N	Phone #:		575-703-	6537	-		:					Analys	is Re	lsənk				
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HALL ENVIRONMENTAL ANALYSIS LABORATORY

April 25, 2017

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

RE: Vince BGH 1

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

OrderNo.: 1704920

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 <u>www.hallenvironmental.com</u> 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,

India

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Anal	ysis Labora	tory, Inc.		Analytical Report Lab Order 1704920 Date Reported: 4/25/	
CLIENT: EOG Resources			Client Samp	le ID: S-1'	
Project: Vince BGH 1			Collection	Date: 4/17/2017 10:58:00 AM	M
Lab ID: 1704920-001	Matrix:	SOIL	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	/st: MRA
Chloride	ND	30	mg/Kg	20 4/24/2017 2:48:20 PI	M 31386

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

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

QC SUMMARY REPORT

Hall	Environm	ental An	alysis L	Laborato	ry, Inc.

Client:EOG ResourcesProject:Vince BGH 1

		Tastostas CDA Mattas		
Sample ID MB-31386	SampType: mblk	TestCode: EPA Method	1 300.0: Anions	
Client ID: PBS	Batch ID: 31386	RunNo: 42317		
Prep Date: 4/24/2017	Analysis Date: 4/24/2017	SeqNo: 1330756	Units: mg/Kg	
Analyte	Result PQL SPK valu	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID LCS-31386	SampType: Ics	TestCode: EPA Method	l 300.0: Anions	<u></u>
		TestCode: EPA Method RunNo: 42317	I 300.0: Anions	<u></u>
Sample ID LCS-31386	SampType: Ics		I 300.0: Anions Units: mg/Kg	
Sample ID LCS-31386 Client ID: LCSS	SampType: Ics Batch ID: 31386 Analysis Date: 4/24/2017	RunNo: 42317	Units: mg/Kg	RPDLimit Qual

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
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: **1704920** 25-Apr-17

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Page 2 of 2

HALL Environmental Analysis Laboratory	Hall Environmental A Albu TEL: 505-345-3975 J Website: www.hal	4901 querqu FAX: 5	Hawkins NE e, NM 87109 05-345-4107	Sample Log-In Check List					
Client Name: EOG/Yates	Work Order Number:	1704	920		RcptNo: 1				
Received By: Lindsay Mangin Completed By: Ashley Gallegos Reviewed By:	4/20/2017 9:50:00 AM 4/20/2017 11:37:11 AM 04(20/17		Ø	indy Aldapo F					
Chain of Custody			1 Koulz	olra					
1. Custody seals intact on sample bottles?		Yes		No 🗆	Not-Present-				
2. Is Chain of Custody complete?		Yes		No 🗌	Not Present				
3. How was the sample delivered?		<u>Cour</u>	ler						
Log In									
		Yes		No 🗆					
4. Was an attempt made to cool the samples?		res							
5. Were all samples received at a temperature	of >0° C to 6.0°C	Yes		No 🗌					
6. Sample(s) in proper container(s)?		Yes		No 🗆					
7. Sufficient sample volume for indicated test(s)?	Yes		No 🗌					
8. Are samples (except VOA and ONG) proper	y preserved?	Yes		No 🗌					
9. Was preservative added to bottles?		Yes		No 🗹	NA 🗆				
10.VOA vials have zero headspace?		Yes		No 🗆	No VOA Vials 🖌				
11. Were any sample containers received broke	n?	Yes		No 🗹 🛛	# of preserved				
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No 🗆	for pH: (<2 or >12 unless noted)				
13. Are matrices correctly identified on Chain of	Custody?	Yes	V	No 🗆 🛛	Adjusted?				
14. Is it clear what analyses were requested?		Yes		No 🗆 🛛					
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No 🗆 🛛	Checked by:				

Special Handling (if applicable)

16.1	Nas client notified of all d	iscrepancies with this order?	Yes 🗌	No 🗌	NA 🗹					
	Person Notified:	118 80.733 0.3500.0010 88 0000010-c cortainy	Date	1999 - C.						
	By Whom:		Via: 🗌 eMail 🔲 Phone 🔲 Fax 📋 In Person							
	Regarding:	anden mit ander den die erste bestellt in die	1994 (Maria Andrea Contesta Maria Andrea Andrea Andrea)							
	Client Instructions:	an a			analaanaa ahaanaa ahaan					

17. Additional remarks:

18. Cooler Information

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

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Yes			

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

	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	505-345-3975 Fax 505-345-4107	Analysis	(*c)S' [*] Od	(1.81 (1.40 (HA (HA 550N.e (5808)	,) d 4 d 5 d 5 d 5 d 5 d 5 d 5 d 4 d 4 d 4 d 4 d 4 d 4 d 4 d 4 d 4 d 4	ontiem) H9T ontiem) B03 o AV9) 01 88 em 8 A97 A07) 8 00 A07) 8 00 A07 A07 A07 A07 A07 A07 A07 A07 A07 A	×							Results needed by 4/27/2017.	
			4901 F	Tel. 5(TPH Method		 						Remarks: R	
										BTEX + MTI	•			•				Remi	
Turm-Around Time:	X Standarc 🛛 Rush	Project Name:	Vince BGH #1	Project #:		Project Manager.	Chase Settle PO # 205. 0750	Sampler: Chase Settle On Ice & Xes	2	Container Preservative HEAL No Type and # Type 170020	1 - 4oz. None - 00							Received by: Time Time	Time: Relinquished by: Received by: Date Time
dy Record	Client: EOG Y Resources, Inc.			105 South 4th Street Artesia, NM 88210	575-703-6537	Chase Settle@eogresources.com	~	□ Other		Matrix Sample Request ID	Soil S-1'		•					Relinquished by:	Kelinquished by:
lain-c	OG Y R		ddress:	h 4th Str	5				1 1			 			 			Time: R	Time:
່ວ	Client: E		Mailing Address:	105 South	Phone #:	email or Fax#:	QA/QC Package:	Accreditation:	🗆 EDD (Type)	Date	417/2017 10:58A					•		2	Date: Ti

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 25, 2017

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

RE: Vince BGH 1

OrderNo.: 1704922

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 <u>www.hallenvironmental.com</u> 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,

andis

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

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

Hall Environmental Anal		Analytical Report Lab Order 1704922 Date Reported: 4/25/2017							
CLIENT: EOG Resources			Client Sampl	e ID: N-1'					
Project: Vince BGH 1			Collection	Date: 4/17/2017 11:09:00 AM					
Lab ID: 1704922-001	Matrix:	SOIL	Received	Date: 4/20/2017 9:50:00 AM					
Analyses	Result	PQL Qu	al Units	DF Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS				Analyst:	MRA				
Chloride	ND	30	mg/Kg	20 4/24/2017 3:00:44 PM	31386				

Page 54 of 77

agged Q B Anal E Valu J Anal P Sam L Repo W Sam

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 2
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

% Recovery outside of range due to dilution or matrix

W Sample container temperature is out of limit as specified

info Meth n lin ut of

S

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

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	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID LCS-31386	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 31386	RunNo: 42317		
Prep Date: 4/24/2017	Analysis Date: 4/24/2017	SeqNo: 1330757	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	14 1.5 15.00	0 91.6 90	110	

Qualifiers:

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

- * 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
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1704922

25-Apr-17

Page 2 of 2

HALL ENVIRONMENTAL ANALYSIS LABORATORY	AI TEL: 505-345-39;	al Analysis Laborato 4901 Hawkins Ibuquerque, NM 871 75 FAX: 505-345-41 hallenvironmental.co	NE 109 Sam 107	ple Log-In Check List
Client Name: EOG/Yates	Work Order Numbe	er: 1704922		RcptNo: 1
Received By: Lindsay Mangin Completed By: Ashley Gallegos Reviewed By:	4/20/2017 8:50:00 Al 4/20/2017 11:49:31 / OKI ZONZ		A g	, · ·
Chain of Custody 1. Custody seals intact on sample bottles 2. Is Chain of Custody complete? 3. How was the sample delivered?	2	Yes ⊡ Yes ☑ <u>Courier</u>	NO [] NO [] NO []	-N ot Present- Not Present □
<u>Log In</u> 4. Was an attempt made to cool the sam	oles?	Yes 🔽	No 🗌	
5. Were all samples received at a temperative	ature of >0° C to 6.0°C	Yes 🗹	No 🗌	
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
 7. Sufficient sample volume for indicated t 8. Are samples (except VOA and ONG) pr 9. Was preservative added to bottles? 		Yes ✔ Yes ✔ Yes □	No 🗌 No 🗌 No 🗹	NA 🗌
10.VOA vials have zero headspace? 11. Were any sample containers received i	proken?	Yes □ Yes □	No 🗖 No 🗹	No VOA Vials 🗹 # of preserved
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody	0	Yes 🗹	No 🗌	bottles checked for pH: (<2 or >12 unless noted)
13, Are matrices correctly identified on Cha14, Is it clear what analyses were requested	-	Yes 🗹 Yes 🗹	No 🗆 No 🗔	Adjusted?

Special Handling (if applicable)

15. Were all holding times able to be met? (If no, notify customer for authorization.)

16. Was client notified of all discrepancies v	vith this order? Yes	No 🗆	NA 🗹
Person Notified:	Date		
By Whom:	Via: 🗌 eMail 🛄 F	Phone 🗌 Fax 🔲 I	n Person
Regarding:		******************************	
Client Instructions:		***************************************	E TALENDES DE JACONSTRUITE DE LA COMPLEXIÓN
17. Additional remarks:	· · ·		
18. Cooler Information			

No 🗆

Yes 🗹

Checked by:

7		lation				•	
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
	1	3.9	Good	Yes			

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

Client: EOG Y Resources, Inc.	N-OT-C	Cnain-or-Custoay Kecora t: EOG Y Resources, Inc.		. 1	:			HA	HALL ENVIRONMENTA	N	IR	Z	ME	Fz	AL
		- 1 4470 av	A Standarc	C Rush				AN	ANALYSIS	SIS		AB.	LABORATORY	E	NRY
							Į	MM	www.hallenvironmental.com	Nironn	nenta	ll.con			
Mailing Address:	SS:			Vince BGH #1	H #1	4	901 Ha	4901 Hawkins NE -	Ц Ц	lbuaue	sraue.	MN	Albuquerane. NM 87109		
5 South 4th	ו Street Ar	105 South 4th Street Artesia, NM 88210	Project #:				Tel. 505	505-345-3975	975	Fax	505-345-4107	454	201		
Phone #:	575-703-6537	1-6537							Ana		Request	est			
email or Fax#:		Chase Settle@eogresources.com	Project Manager:	ger:											
QA/QC Package: □ Standard		Level 4 (Full Validation)		Chase Settle PO # 205_0750	US.				,	S\$'⁵O¢	s'809		•••••••••••••••••••••••••••••••••••••••		••••••••••••••••••••••••••••••••••••••
Accreditation:			Sampler:	Chase Settle			୨୦) ସହ		(н	' ^z ON'	2808				
			Sample Tem	lerature. Z			108								
Date Time	e Matrix	Sample Request ID	Container Type and #	Preservative Type	HEALNS 1770-0923	<mark>BTEX + MTE</mark> BTEX + MTE	podteM H9T	EDB (Methoo	o AN9) 0158 	Anions (F,CI	1808	AOV) 80828	/-im92) 0728		
40172017 11:09A	A Soil	N-1'	1 - 4oz.	None	100-					<u> </u>					
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Date: Time: 4-19-17 Z-20	Relinquished by:	ed by:	Received by:	A Out	pate Time	Remarks: Results needed by 4/27/2017.	s: Re	sults ne	eded b	y 4/27,	/2017				
Date: Time:	Relinquished by:	ied by:	Received by:	· · · ·											

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.

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

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



April 25, 2017

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

RE: Vince BGH 1

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

OrderNo.: 1704923

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 <u>www.hallenvironmental.com</u> 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,

antig

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Anal	ysis Labora	tory, Inc.		Analytical Report Lab Order 1704923 Date Reported: 4/25/2	017
CLIENT: EOG Resources			Client Samp	le ID: E-1'	
Project: Vince BGH 1			Collection	Date: 4/17/2017 11:03:00 AN	1
Lab ID: 1704923-001	Matrix:	SOIL	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	st: MRA
Chloride	ND	30	mg/Kg	20 4/24/2017 3:37:57 PM	31386

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

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

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

Hall Environmental Analysis Laboratory, Inc.

Client: EOG Resources

Project: Vince BGH 1

Sample ID MB-31386 Client ID: PBS	SampType: mblk Batch ID: 31386	TestCode: EPA Method RunNo: 42317	300.0: Anions	
Prep Date: 4/24/2017	Analysis Date: 4/24/201	7 SeqNo: 1330756	Units: mg/Kg	
Analyte	Result PQL SPK	value SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID LCS-31386	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Sample ID LCS-31386 Client ID: LCSS	SampType: Ics Batch ID: 31386	TestCode: EPA Method RunNo: 42317	300.0: Anions	
•		RunNo: 42317	300.0: Anions Units: mg/Kg	
Client ID: LCSS	Batch ID: 31386 Analysis Date: 4/24/201	RunNo: 42317		RPDLimit Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н 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
- В Analyte detected in the associated Method Blank
- Value above quantitation range Е
- J Analyte detected below quantitation limits
- Sample pH Not In Range Р
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified W

WO#: 1704923

25-Apr-17

Page 2 of 2

ENVIRONMENTAL ANALYSIS LABORATORY TEL: 505-34.	mental Analysis Laborat 4901 Hawkins Albuquerque, NM 87 5-3975 FAX: 505-345-41 vww.hallenvironmental.c	NE 109 Sam 107	ple Log-In Check List
Cilent Name: EOG/Yates Work Order No	umber: 1704923		RcptNo: 1
Received By:Lindsay Mangin4/20/2017 9:50:0Completed By:Ashley Gallegos4/20/2017 11:51Reviewed By:Image: Completed By:Image: Completed By:Completed By:Image: Completed By:Image: Completed By:Compl	:28 AM	Az	
 <u>Chain of Custody</u> 1. Custody seals intact on sample bottles? 2. Is Chain of Custody complete? 3. How was the sample delivered? 	Yes M Yes M <u>Courier</u>	NO -	-Not Present- ✔ Not Present □
Log In 4. Was an attempt made to cool the samples?	Yes 🔽	No 🗌	
5. Were all samples received at a temperature of >0° C to 6.0°C6. Sample(s) in proper container(s)?	Yes 🗹 Yes 🗹	No □ No □	
 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 9. Was preservative added to bottles? 10.VOA vials have zero headspace? 	Yes ✔ Yes ✔ Yes □	No 🗌 No 🛄 No 🗹	NA 🗌 No VOA Viais 🗹
11. Were any sample containers received broken? 12. Does paperwork match bottle labels?	Yes 🗹		# of preserved bottles checked for pH:
(Note discrepancies on chain of custody) 13. Are matrices correctly identified on Chain of Custody? 14. Is it clear what analyses were requested? 15. Were all holding times able to be met?	Yes ☑ Yes ☑ Yes ☑	No 🗌 No 🗍 No 🗍	<pre>(<2 or >12 unless notec Adjusted? Checked by:</pre>
(If no, notify customer for authorization.) <u>Special Handling (If applicable)</u> 16. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗆	NA 🗹
	ate		

 Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Yes			

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

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

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.

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Page 62 of 77

HALL ENVIRONMENTAL ANALYSIS LABORATORY

April 25, 2017

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

RE: Vince BGH 1

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

OrderNo.: 1704924

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 <u>www.hallenvironmental.com</u> 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,

andis

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Anal	ysis Labora	tory, Inc.			Analytical Report Lab Order 1704924 Date Reported: 4/25/2	2017
CLIENT: EOG Resources			Client Samp	le ID: E>	۲-4'	
Project: Vince BGH 1			Collection	Date: 4/	17/2017 11:13:00 AN	1
Lab ID: 1704924-001	Matrix:	SOIL	Received	Date: 4/2	20/2017 9:50:00 AM	
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	8.5	3.0	mg/Kg	2	4/24/2017 3:50:22 PM	A 31386

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

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

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	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID LCS-31386	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Sample ID LCS-31386 Client ID: LCSS	SampType: Ics Batch ID: 31386	TestCode: EPA Method RunNo: 42317	300.0: Anions	
•			300.0: Anions Units: mg/Kg	
Client ID: LCSS	Batch ID: 31386 Analysis Date: 4/24/2017	RunNo: 42317		RPDLimit Qual

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
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1704924

25-Apr-17

Page 2 of 2

Hall Environmental Analysis Laboratory HALL NVIRONMENTAL ANALYSIS TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com ABORATORY

Sample Log-In Check List

Client Name: EOG/Yates	Work Order Number: '	17049	924		RcptNo:	1
Received By: Lindsay Mangin	4/20/2017 9:50:00 AM			July Hugo		
Completed By: Ashley Gallegos	4/20/2017 11:53:57 AM			A		
Reviewed By:	04/20/17			2 4 0		
Chain of Custody				1 all all the		
1. Custody seals intact on sample bottles?		Yes	₫/9	04/20/19 No []	-Net-Present-	
2. Is Chain of Custody complete?		Yes	\mathbf{V}^{\vee}	No 🗌	Not Present	
3. How was the sample delivered?		<u>Cour</u>	<u>ier</u>			
Log In						
4. Was an attempt made to cool the samples	\$?	Yes		No 🗔	NA 🗌	
5. Were all samples received at a temperatur	re of >0° C to 6.0°C	Yes		No 🗌		
6. Sample(s) in proper container(s)?		Yes	V .	No 🗌		•
7. Sufficient sample volume for indicated test	(s)?	Yes	V	No 🗌		
8. Are samples (except VOA and ONG) prope	erly preserved?	Yes	✓	No 🗌		
9. Was preservative added to bottles?		Yes		No 🗹	na 🗆	
0.VOA viais have zero headspace?		Yes		No 🗆	No VOA Vials 🗹	
1. Were any sample containers received brok	ken?	Yes		No 🗹 [4.5	
2. Does paperwork match bottle labels?		Yes		No 🗆	# of preserved bottles checked for pH:	
(Note discrepancies on chain of custody)			-		(<2 o Adjusted?	r >12 unless noted
3. Are matrices correctly identified on Chain o				No 🗌	Adjusted ?	
4. Is it clear what analyses were requested?		Yes Yes		No 🗌	Checked by:	
5. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes				
pecial Handling (if applicable)						
6. Was client notified of all discrepancies with	this order?	Yes		No 🗌	NA 🗹	
Person Notified:	Date			a na sa		
By Whom:	Via:	eMa		Phone 🗌 Fax	In Person	
Regarding:						
Client Instructions:]
7. Additional remarks:						
8. <u>Cooler Information</u>						

4901 Hawkins NE

Albuquerque, NM 87109

Page 1 of 1

3.9

Good

Yes

1

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

J	, nain		Unain-or-Custody Record										•				
Client:	EOG Y	EOG Y Resources, Inc.	is, Inc.	X Standarc						AALL ENVIKUNMEN AL ANAI YSTS I ABODATODY	۲ ۲		₽₹				
				Project Name:	•••					www.hallenvironmental.com			ntal.c	Eg	5		
Mailing	Mailing Address:				Vince BGH #1	H #1	4	901 F	awkin	4901 Hawkins NE - Albuquergue, NM 87109	- Albu	auera	ue. N	IM 87	109		
105 Sc	uth 4th S	105 South 4th Street Artesia, NM	esia, NM 88210	Project #:				Tel. 5(5-345	505-345-3975	ů	Fax 50	5-345	505-345-4107			
Phone #:	#:	575-703-6537	-6537			-					Anal	sis Re	Request	ŝť			
email c	email or Fax#:		Chase Settle@eogresources.com	Project Manager:	ger:												
QA/QC	QA/QC Package:				Chase Settle												
□.Standard	ldard		Level 4 (Full Validation)		PO # 205. 0750	50										·	
Accreditation:	litation: AP			Sampler: On Ice	Chase Settle						· · · · · · · · · · · · · · · · · · ·			(\			
D. EDI	🗖 EDD (Type)			Sample Tempe	erature. S	5					slei						
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEALNO 17/04 0 24	BTEX + MTI BTEX + MTI	TPH Methoo	odieM) H9T	odteM) 803 AN9) 0168	PCRA 8 Mer	Anions (F,CI	AOV) 80828	-im98) 0728			
4/17/2017	, 11:13A	Soil	Ex-4'	1 - 4oz.	None	- 00/						•	-				<u> </u>
																	
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Date: 4-19-17	Time: 2;20	Relinquished by:	ed by:	Received by:			Remarks:		esults	Results needed by 4/27/2017.	d by	127120	17.				
Date:		Relinquished by:	ed by:	Received by	- 11 -2	Date Time											
			-	,													

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.

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

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

April 25, 2017

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

RE: Vince BGH 1

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

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 <u>www.hallenvironmental.com</u> 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,

andig

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Anal	ysis Labora	tory, Inc.		Analytical Report Lab Order 1704925 Date Reported: 4/25/2	2017
CLIENT: EOG Resources			Client Samp	le ID: Ex-5'	
Project: Vince BGH 1			Collection	Date: 4/17/2017 11:19:00 AN	1
Lab ID: 1704925-001	Matrix:	SOIL	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	st: MRA
Chloride	ND	30	mg/Kg	20 4/24/2017 4:02:46 PM	1 31386

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

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

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

Hall Environmental Analysis Laboratory, Inc.

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	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID LCS-31386	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 31386	RunNo: 42317		
Prep Date: 4/24/2017	Analysis Date: 4/24/2017	SeqNo: 1330757	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	14 1.5 15.00	0 91.6 90	110	

- * 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
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1704925

25-Apr-17

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

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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

Client Name:	EOG/Yates	Work Order Numb	er: 1704925		RcptNo:	1
Received By:	Lindsay Mangin	4/20/2017 9:50:00 A	M	And the second		
Completed By:	Ashley Gallegos	4/20/2017 11:56:43	AM	A		
Reviewed By:	-10/06-	04/20/17		. 0		
<u>Chain of Cust</u>	ody			L		
1. Custody seals	s intact on sample bottles	s? ·	Yes M	No D	Not-Present-	
2. Is Chain of C	ustody complete?		Yes 🗹	No 🗌	Not Present	
3. How was the	sample delivered?		<u>Courier</u>			
<u>Log In</u>						
4. Was an atten	npt made to cool the san	nples?	Yes 🗹	No 🗆	na 🗆	
5. Were all sam	ples received at a tempe	rature of >0° C to 6.0°C	Yes 🔽	No 🗆		
6. Sample(s) in	proper container(s)?		Yes 🗹	No 🗖		
7. Sufficient sam	ple volume for indicated	test(s)?	Yes 🖌	No 🗌		
8. Are samples ((except VOA and ONG) p	properly preserved?	Yes 🔽	No 🗌		
9. Was preserva	tive added to bottles?		Yes 🗌	No 🗹	NA 🗌	
10, VOA vials hav	/e zero headspace?		Yes	No 🗆	No VOA Vials 🗹	
11. Were any sar	nple containers received	broken?	Yes	No 🗹	# of preserved	
12. Does paperwo	ork match bottle labels?		Yes 🔽	No 🗆	bottles checked for pH:	
(Note discreps	ancies on chain of custor	íy)	,,	_		>12 unless noted)
	correctly identified on Ch		Yes 🗹	No 📙	Adjusted?	
	t analyses were requeste		Yes 🗹		Checked by:	
	ng times able to be met? ustomer for authorization		Yes ⊻	No 📙		
Special Handli	ing (if applicable)					
	lified of all discrepancies	with this order?	Yes 🗌	No 🗆	NA 🗹	
Person I	Notified:	Date				
By Who	m:	Via:	∎ ∎eMail ∎ P	hone 🗌 Fax	In Person	
Regardi	ng:				<u> </u>	
Client In	structions:		9		*****	
17. Additional ren	narks:				• • • • • • • • • • • • • • • • • • •	

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

Cooler Inforn	nation					
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Yes			
R			** ******** ***************************			

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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.

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IIIIe.	c 🗆 Rush		Vince RCH #1			ader.	Chase Settle	PO # 205, 0750	Chase Settle	perature 2 C	Preservative Type	None			-									Non -	CHION S	
	X Standarc	Project Name:	- 1	Project #:		Project Manager			Sampler.	Sample Tent	Container Type and #	1 - 4oz.	•			-						-		Received by		Received by:
Unain-or-Custody Record	es, Inc.			105 South 4th Street Artesia. NM 88210		Chase Settle@eogresources.com		Level 4 (Full Validation)			Sample Request ID	Ex-5'				.								ed by:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	lea by:
5-10-1	EOG Y Resources, Inc.	•		Street An	575-703-6537	Chase	1		□ Other		Matrix	Soil												Relinquished by:		Kelinquisned by:
Jhain			Mailing Address:	outh 4th (#	email or Fax#:	QA/QC Package:	ndard	Accreditation:	□ EDD (Type)	Time	4172017 11:19A			·										L-20	
	Client:		Mailing	105 So	Phone #	email o	QAVOC	□ .Standard	Accreditati		Date	4477201;												Date: <i>はい</i> ない		Latte.

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

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

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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

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nTO1434537071
Contact mailing address 104 S. 4th Street, Artesia, NM 88	3210

Location of Release Source

Latitude 33.50283

Longitude -103.39753

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Vince BGH #1	Site Type Pipeline
Date Release Discovered 04/25/2012	API# (if applicable) 30-025-37104

Unit Letter	Section	Township	Range	County
J	30	9S	35E	Lea

Surface Owner: State Federal Tribal Private (Name: Kinsolving Ranch

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 25	Volume Recovered (bbls) 25
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Pleas	se refer to the original C-141 for details of	1RP-3449.

eceived by OCD: 8/30/2022 11:18:31 AM orm C-141 State of New Mexico			Page 75 of		
01111 C-141		Incident ID	nTO1434537071		
age 2	Oil Conservation Division	District RP	1RP-3449		
		Facility ID			
		Application ID			
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible p Volume released was 25 barrels.				
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, to E.L. Gonzales and G. Leking, by Bob Asher through email on 04/26/2012.					

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 \checkmark The source of the release has been stopped.

 \checkmark The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation 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 within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Chase Settle

Signature: Chase Settle

______ Title: Rep Safety & Environmental Sr _______ Date: 08/28/2022

email: Chase Settle@eogresources.com

Telephone: 575-748-1471

OCD Only

Received by:

Date: _____

Oil Conservation Division

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

Page 76 of 77

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.

<u>Closure Report Attachment Checklist</u>: Each of the following items 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 District office must be notified 2 days prior to final sampling)

 \square Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase 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:

OCD

Date: 8/30/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved	by: Ashley Maxwell	Date:	2/27/2023
Printed Name:	Ashley Maxwell	Title: _	Environmental Specialist

Page 6

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Operator:	OGRID:
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 Date
amaxwell	None	2/27/2023

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