sampling and correspondence is also attached.

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Released to Imaging: 11/2/2021 1:57:19 PM

Incident ID	NAB1520952625
District RP	2RP-3164
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

Responsible Party EOG Resources, Inc.			D.	OGRID	7377
Contact Name Chase Settle				Contact	t Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com			sources.com		t # NAB1520952625
Contact mailing address 104 S. 4th Street, Artesia, NM 88210					
		<u> </u>			
			Location	of Release	Source
atitude 32	.707			Longitud	le104.38745
			(NAD 83 in dec	cimal degrees to 5 de	ecimal places)
Site Name B	ryan ME #	<del>#</del> 1		Site Typ	oe Well
		07/11/2015		API# 30	0-015-23097
TT'2 T	C 4:	T	D		
Unit Letter	Section	Township	Range		ounty
F 33 18S 26E Eddy					
urface Owner	r: State	☐ Federal ☐ Tr	ribal 🛛 Private (/	Vame:	
			` .	1 7 7 1	cp. I
			Nature and	I Volume of	1 Release
				calculations or speci	rific justification for the volumes provided below)
Crude Oil		Volume Release	d (bbls)		Volume Recovered (bbls)
☐ Produced Water Volume Released (bbls) 15			Volume Recovered (bbls) 10		
Is the concentration of dissolved chloride		hloride in the	X Yes □ No		
produced water >10,000 mg/l?  Condensate Volume Released (bbls)			Volume Recovered (bbls)		
Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units		units)	Volume/Weight Recovered (provide units)		
Cause of Rele	ease	1			
Please	e refer to t	the attached or	iginal C-141 for	m for 2RP-31	164 for cause of release and immediate action
steps.	<b>EOG Res</b>	sources is subn	nitting for closu	re via the new	w form to formally close out this incident. All

Incident ID	NAB1520952625
District RP	2RP-3164
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  ☐ Yes ☑ No	If YES, for what reason(s) does the respon		
If YES, was immediate n	otice given to the OCD? By whom? To when	nom? When and by what means (phone, email, etc)?	
	Initial R	esponse	
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury	
☐ The source of the rele	ease has been stopped.		
The impacted area ha	as been secured to protect human health and	the environment.	
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.	
All free liquids and r	ecoverable materials have been removed an	d managed appropriately.	
If all the actions describe	d above have <u>not</u> 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		Title: Rep Safety & Environmental Sr	
Signature: Chau	Pettlo	Date: 10/18/2021	
email: Chase_Settle	@eogresources.com	Telephone: 575-748-1471	
OCD Only			
Received by:		Date:	

Incident ID	NAB1520952625
District RP	2RP-3164
Facility ID	
Application ID	

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## Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information			
Tonographic/Aerial mans			

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Laboratory data including chain of custody



Incident ID	NAB1520952625
District RP	2RP-3164
Facility ID	
Application ID	

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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:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	

Incident ID	NAB1520952625
District RP	2RP-3164
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.			
<ul> <li>□ Detailed description of proposed remediation technique</li> <li>□ Scaled sitemap with GPS coordinates showing delineation points</li> <li>□ Estimated volume of material to be remediated</li> <li>□ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>□ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>			
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility		
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.		
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:	Title:		
Signature:	Date:		
email:	Telephone:		
OCD Only			
Received by:	Date:		
☐ Approved	Approval Denied Deferral Approved		
Signature:	Date:		

Closure Report Attachment Checklist: 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

Incident ID	NAB1520952625
District RP	2RP-3164
Facility ID	
Application ID	

## Closure

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

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)			
Description of remediation activities			
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rerhuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co	ntions. The responsible party acknowledges they must substantially		
Printed Name: Chase Settle	Title: Rep Safety and Environmental Sr		
Signature: Man Sittle	Date: 10/18/2021		
accordance with 19.15.29.13 NMAC including notification to the Operated Name:  Chase Settle  Signature:  Chase Settle@eogresources.com	Telephone: 575-748-1471		
OCD Only			
Received by:	Date:		
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: Bradford Billing	Date: 11/02/2021		
Closure Approved by: Bradford Billing  Printed Name: Bradford Billings	Title: Envi.Spec.A		



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

October 18, 2021

NMOCD District II 811 S. First St. Artesia, NM 88210

Re:

Bryan ME #1 30-015-23097 F-33-18S-26E Eddy County, NM Incident #NAB1520952625

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. EOG Resources, Inc. hereby requests closure.

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

Respectfully,

Chase Settle

Received by OCD: 10/25/2021 12:01:28 PM

Rep Safety & Environmental Sr

EOG Resources, Inc.



Bryan ME #1

**Closure Report** 

30-015-23097

F-33-18S-26E

**Eddy County, NM** 

October 18, 2021

NAB1520952625

Bryan ME #1 Closure Report #1



October 18, 2021

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NAB15209		10, 2021
I.	Table of Contents  Background	1
il.	Revegetation Evidence	1

**Revegetation Photos** 

Bryan ME #1 Closure Report #NAB1520952625



October 18, 2021

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### I. Background

A release of 15 barrels of produced water occurred at the Bryan ME #1 on July 11, 2015, with 10 barrels of produced water recovered. An area northeast of the wellhead was impacted, approximately 30 feet by 40 feet. Delineation of the impacted area was completed with a remediation plan being submitted for NMOCD approval on April 4, 2016. NMOCD approved the plan with stipulations to increase the excavation depth to four (4) feet below grade surface (bgs), set the synthetic liner at that depth, and excavate sidewalls to 800 mg/kg chloride concentrations, with field screens being an acceptable method of confirmation. At this time it was agreed to excavate the site to four (4) feet bgs and install the liner, but disclosure was made that the release occurred adjacent to the historical drill cuttings pit. With that disclosure, NMOCD still requested the sidewall samples in that area. Results were provided to NMOCD and the request was made to excavate into the historical drill pit, but after photos of the excavation were provided, NMOCD agreed to provide backfill approval and close the site but using Rule 17 vegetation requirements, which had previously been stated as 70% revegetation.

### II. Revegetation Evidence

On October 18, 2021, the remediated site was visited to determine if the vegetation had reached the 70% threshold required by NMOCD for the approved closure of the incident. Upon review of the site and the amount of vegetation present, it easily exceeds 70% revegetation. A comparison of the site in 2016 and 2021 is included with this Closure Report as evidence of meeting the revegetation threshold set by NMOCD in the approval email from July 7, 2016. Photos can be compared over time due to the same background features that are still present in 2021, photos are grouped together based on their background features.

With the site clearly showing revegetation that exceeds 70%, EOG Resources, Inc. requests closure of Incident # NAB1520952625.

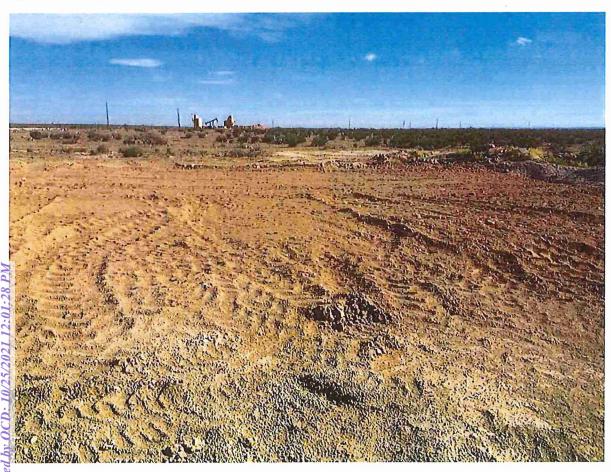


# Revegetation Photos

**O**eog resources



Figure 1- 2016 image



rigure 2- 2016 image





Figure 3- 2021 image

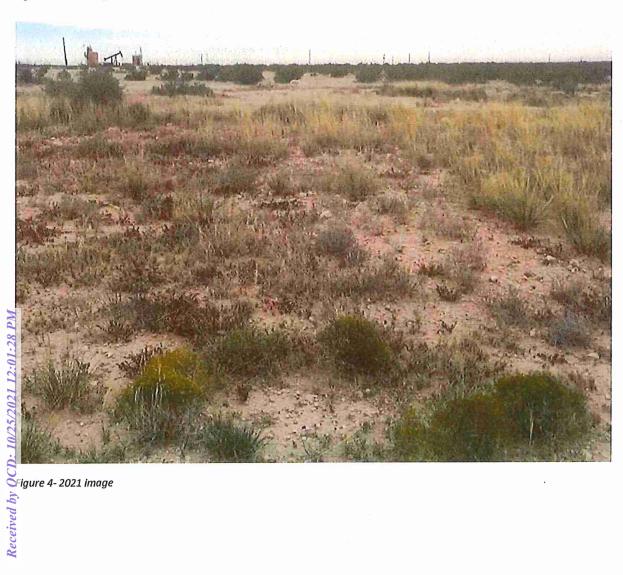
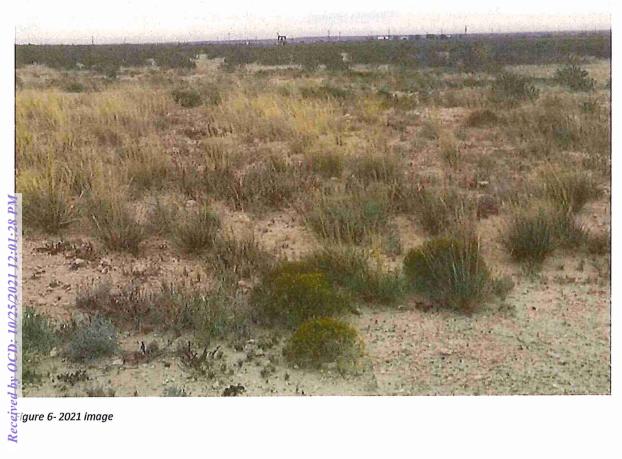




Figure 5-2016 image



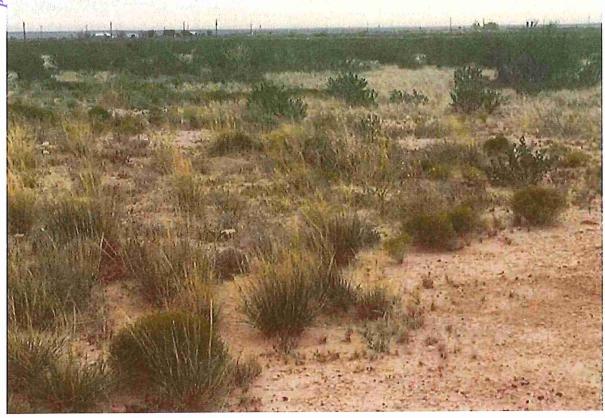


Figure 7- 2021 image

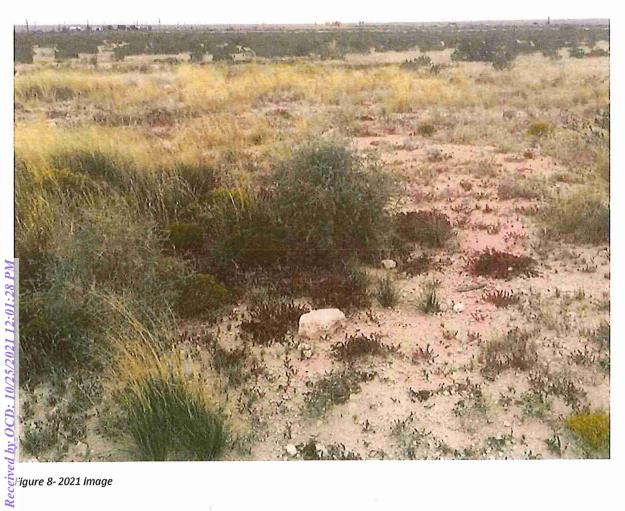




Figure 9- 2021 image





Figure 61- 2021 image

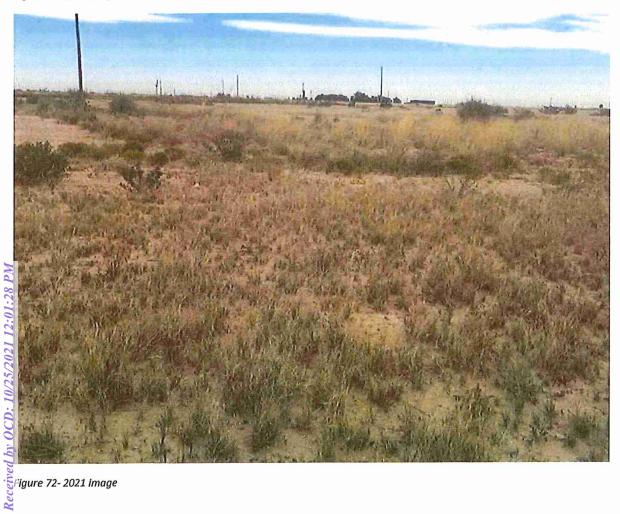




Figure 83- 2021 image

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# NM OIL CONSERVATION ARTESIA DISTRICT

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 JUL 27 2015

Form C-141 Revised August 8, 2011

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

PLOCETYPO oppropriate District Office in accordance with 19,15.29 NMAC.

NAB 15	5209	52625	5			OPERAT	FOR	$\boxtimes$	Initia	l Report     Final Repo
Name of Co	ompany		12	- Marie		Contact	<u> </u>			
Yates Petro	leum Corp	oration	NO	575		Amber Grif				
Address 104 S. 4 <sup>th</sup> S	tract					Celephone 1 175-748-14				
Pacility Na						acility Typ				
Bryan ME						Vell				
Surface Ow	mer			Mineral (	lwner			l'Al	PI No	
Fac				Fee	d.u.Tan					23097
				LOC	מחזיד	OFRE	TRASE			
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West	Line	County
F	33	185	26E	1650		Yorth	2310	West	7.11	Eddy
				Lutitude 3	2 707 T	onaitude	104.38745		_	
ŕ						OF REL				
Type of Reli	caso				CANE	Volume of	and the second s	Vol	lume F	Redovered
roduced W	20.75					15 B/PW	- 00/2011 - 15	the second secon	B/PW	
Source of Re						7/11/2015	four of Occurrent		te and 1/2015	Hour of Discovery
Well casing	iate Notice	Glyon?				If YES, To		1.03	11201	, run
Tas timilou	inc i tolico	× ×	Yes [	No 🗆 Not R	equired	Mike Brat	cher, Heather Pat	terson, & Ror	ndy D	ide
By Whom?			10			Date and I	The second second second second			
	rcourse Rea	roleum Carpo	nition				; 5:36 PM (Email olume Impacting		IFKC.	<u>-</u>
Wad in There	LUQUING IXEE		Yes 🛭	No No			Annuia Impirania	311-11-11-12-2-1		
If a Watercourse was Impacted, Describe Fully.*										
Describe Cause of Problem and Remedial Action Taken.* There was a hole in the casing, causing the release. Vacuum truck(s						and him is	ave wasa called			Trail Trail
Describe Ar	ea Affected	and Cleanup	Action Te	ken *	K(S) anu i	OUMADOUT C	GWS WEIG CAIRED.			· · · · · · · · · · · · · · · · · · ·
An approxite cosing. Excu & BTEX (all submitted to	nate area of avated soils blorides for a the OCD re	30° X 40°. The will be hauled documentation and constitute close the close the constitute close the constitute close the constitute close the constitute close the close	ne well wa I to a NM n), If initi ore, If the	s shut in, vacuon OCD approved fa ial analytical result analytical result	cility, Ve Its for TI s are abo	rtical and he H & BTEX ve the RRAL	rizontal delineati ure under RRAL' 's a work plan w	on samples w s (site rankia ill be submitt	vill be ig is 10 ted to t	ew was called to repair the taken and analysis ran for TPI I) a Final Report, C-141 will b he OCD. Depth to Ground se to Surface Water Body:
>1000', SIT	E RANKII	NG IS 10.								
regulations public healt should their	ell operators h or the env	s are required ironment. Th have falled to	to report a c acceptar adequatel	nd/or file certain oc of a C-141 rep y investigate and	release n ort by th remediat	otifications : e NMOCD : e contamina	and perform corre norked as "Final I tion that pose a th	etive actions Report" does reat to groun	for re not re d wate	suant to NMOCD rules and leases which may endanger lieve the operator of liability ir, surface water, human health compliance with any other
federal, stat	e, or local le	ws and/or reg	ulations,	Statistics-september 1	- 10/1/201					
¥ 72	~	2.1					OIL CON	ISERVAT	JOV	DIVISION
Signature: (	Line	er Gri	Main		1		Cimnal	By Phi	1.	Kreene
	ne: Amber C	Hillin	m.			Approved by	y Environmental :	Specialist:	7 /	JIVATINICE
	77-1-5 X = ± 5	al Regulatory	Agent			Approval D	nte: 7/28/	5 Expi	iration	Date: NIA
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E-mail Add	ress' ACon	ontalvatoenet	rolaum co	in :	1	Conditions	of Ameroval:			1
5-mail Add	ress: ACanr	on@ystespet	roleum.co	m :	B	Conditions	of Approval:	Rules & G	aulde	Mines

# Received by OCD: 10/25/2021 12:01:28 PM

### Bratcher, Mike, EMNRD

· From:

Tenna Adams <TCAdams@yatespetroleum.com>

Sent:

Monday, July 27, 2015 9:37 AM

To:

Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Dade, Randy, EMNRD

Cc:

Bob Asher: Amber Cannon; Chase Settle; Katie Parker, Veronica Alvarado

Subject:

Bryan ME #1 C141

Attachments:

Bryan ME #1\_C141\_Initial\_071115.pdf

Good morning,

Please find attached the signed C141 initial for the below listed location:

Bryan ME #1 30-015-23097 Section 33, T18S-R26E 1650 FNL & 2310 FWL Eddy County, New Mexico

Thank you.

### Tanna Adams

: Yates Petroleum Corporation Environmental Technician Environmental Department

Office: (575) 748-4184

TCAdams@yatespetroleum.com



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### Bratcher, Mike, EMNRD

From:

Bob Asher < BobA@yatespetroleum.com>

Sent:

Saturday, July 11, 2015 5:36 PM

To:

Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; Dade, Randy, EMNRD

Cc:

IncidentReportingNM; Amber Cannon; Chase Settle; Katie Parker; Tanna Adams;

Veronica Alvarado

Subject:

Release Notification (Bryan ME #1)

Yates Petroleum Corporation is reporting a release at the following location (7/11/2015, 4:15 PM).

Bryan ME #1 30-015-23097 Section 33, T18S-R26E 1650 FNL & 2310 FWL Eddy County, New Mexico

Released: Approximately 30 B/PW; Recovered: In Progress.

Cause of the release was from a hole in the casing. The released produced water is being contained on the location. Vacuum truck(s) are being called.

A Form C-141 with complete information will be submitted.

Thank you.

Received by OCD: 10/25/2021 12:01:28 PM

### 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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From: To: Subject Amber Griffin

Patterson, Heather, EMNRD: Bratcher, Mike, EMNRD Bryan ME #1 (2RP-3164)

Date: Attachments: Monday, April 04, 2016 3:30:06 PM BryanME1\_WorkPlan\_040416,pdf

Heather/Mike,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP 3164).

Should you have any questions or comments, please let me know.

Thank you,

# Amber Griffin

Environmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

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MARTIN YATEB, III 1912-1908 FRANK W. YATES B.P YATES



JOHN A. YATES

JOHN A. YATES JR.

DOUGLAS E. BROOKS

PRESIDENT CHIEF EXECUTIVE OFFICER JOHN D. PERINI UNIEF FINANDIAL DYNULA

109 BOUTH FOURTH BTREET ARTEBIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

www.yatespetrofoum.com

April 4, 2016

Mr. Mike Bratcher or Ms. Heather Patterson NMOCD District II 811 South First Artesia, NM 88210

RE:

Bryan ME #1

30-015-23097

Section 33, T18S-R26E Eddy County, New Mexico

Mr. Bratcher or Ms. Patterson,

Yates Petroleum Corporation would like to submit the following plan of work to you regarding the release that occurred at the above mentioned facility on July 11, 2015 (2RP-3164). The release was 15 barrels of produced water with 10 barrels of produced water recovered.

With NMOCD approval of this work plan, Yates will hold a bid meeting allowing several contractors the opportunity to submit bids on this remediation project. Bids that are received will be forwarded to Yates Management for review. Once Yates Management reviews the bids and gives approval, the remediation project will be awarded to a contractor for work to commence,

If you have any questions or concerns, I can be reached at (575) 748-4111 or by cmail at agriffin@yatespetroleum.com.

Thank You,

Amber Griffin

**Environmental Regulatory Agent** Yates Petroleum Corporation

> JAMES D. BOHAFER TREADURER

Released to Imaging: 11/2/2021 1:57:19 PM

Yates Petroleum Corporation

Bryan ME #1

Section 33, T18S-R26E

Eddy County, New Mexico

April 4, 2016

Received by OCD: 10/25/2021 12:01:28 PM

### I. Location

The release area is located approximately 9.1 miles south of Artesia, NM on Highway 285, 0.6 miles cast of Highway 285 on Kincaid Ranch Road and 0.5 miles south of Kincaid Ranch Road on a lease road.

### H. Background

On July 11, 2015, Yates had a release of 15 barrels produced water with 10 barrels produced water recovered. The area affected from this release was to the north of the wellhead/pumpjack and is approximately 30' x 40'. At the time of the release, the area was berined to prevent the release from spreading. An initial Form C-141 was submitted, via e-mail, to the NMOCD District II on July 27, 2015.

On July 15, 2015 Yates visited the site and collected an initial soil sample from the surface using a shovel. The surface soil sample was sent to an approved NMOCD laboratory and tested for BTEX 8021B, TPH 8015M, and Chlorides 300.0. Yates received the analytical results on July 24, 2015 (Report 1507792 attached to this work plan). The analytical results showed that both BTEX and TPH were at levels below NMOCD RRAL's. The analytical results also showed clevated chloride levels, and Yates determined that further vertical delineation of chlorides was needed.

Yates returned to the site again on September 10, 2015 and November 3, 2015 and collected soils samples from the depths of 1' - 8', 10', 12' and 14' below the surface level using a backhoe. Yates received the analytical results on September 28, 2015, October 12, 2015 and November 17, 2015 (Reports 1509894, 1510101 and 1511272 attached to this work plan). Analytical results from these sampling events showed that chloride levels were still elevated.

Yates returned to the site on February 24, 2016 and collected soils samples from the depths of 16', 18' and 20' below the surface level using a trackhoe. Yates received the analytical results on March 4, 2016 (Report 1602B44 attached to this work plan). Analytical results show chloride levels finally delineating to acceptable levels.

### III. Surface and Ground Water

Area surface geology is Cenozoic. The ChevronTexaco depth to ground water map shows the depth to groundwater to be approximately 75' feet making the site ranking for this site a ten (10). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is ten (10) based on the following:

Depth to ground water 50-99'
Wellhead Protection Area > 1000'
Distance to surface water body > 1000'

### IV. Soils

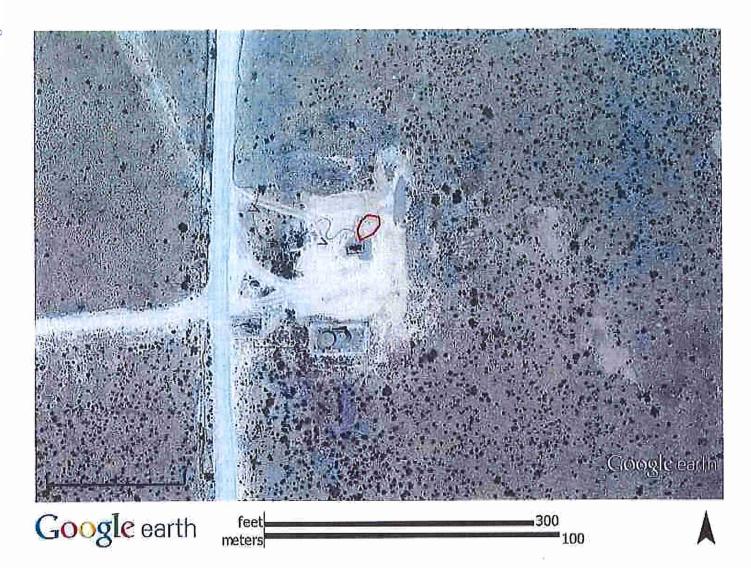
The area consists of soils that are caliche and clay seams.

### V. Scope of Work

Based off the analytical reports which show complete vertical delineation, Yales proposes to excavate 3' from the release area. The excavation will be approximately 40' long, 30' wide. Once all soils have been excavated, a 20 mil synthetic liner will be placed in the bottom of the excavation. The backfill process of the excavation will then be completed with topsoil.

Contaminated soils that are excavated will be hauled to a NMOCD approved disposal facility – R360 Environmental Solutions Halfway Facility located on Highway 62/180.

Once all excavation and backfill work is complete, Yates will submit a Final Form C-141 to NMOCD requesting closure of this release.



# Bryan ME #1

	Sample Area	Sample Date	ple Date Analytical Report	Sample Type	Depth	BTEX	GRO DRO	DRO	TOTAL	Chlorides
Arven 1 - Surface	Release Area	7715/2015	1507792	Grab/Shovel	Surface	QN	GN	Ø	QN	7,700
Brian 1 - 1	Release Area		1509894	Grab/Backhoe	4	•	,	,	,	2,000
Brvan 1 - 2'	Release Area	9/10/2015	1509894	Grab/Backhoe	2	ĩ	,	,	•	1,800
Brian 1 - 3	Release Area	9/10/2015	1509894	Grab/Backhoe	3,	,	,	,	•	2,700
Brran 1 - 4"	Release Area	9/10/2015	1510101	Grab/Backhoe	12	ł	'	'	•	1,700
Bryan 1 - 51	Release Area	9/10/2015	1510101	Grab/Backhoe	5,	1	•			1,900
Brvan 1 -6	Release Area	9/10/2015	1510101	Grab/Backhoe	ច	,	+	,		1,800
Bryan 1 - 7	Release Area	11/3/2015	1541272	Grab/Backhoe	<b>I</b> -	•	•	,	•	5,300
Hrean 4 - 8	Release Area	11/3/2015	15/1272	Grab/Backhoe	ò	,	٠	,	ì	8,200
Brush 1 - 10"	Release Area	11/3/2015	1611272	Grab/Backhoe	10,	•		ţ	,	8,500
Brian 1 - 12	Release Area	11/3/2015	1511272	Grab/Backhoe	12		,	*	*	6,700
Bryan 1 - 14	Release Area	11/3/2015	1511272	Grab/Backhoe	14,	ł	t	٠	•	4,100
Recan 1. 16	Release Area		1602B44	Grab/Beckhoe	16,	,	,		,	1,100
Bryan 1 - 18	Release Area	2/24/2016	1602844	Grab/Backhoe	18.	4	ľ	,		540
Brvan 1 - 20"	Release Area	2/24/2016	1502B44	Grab/Backhoe	.02	*	,	١		490

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 75', per ChevronTexaco Trend Map).

All results are ppm.

Released: 15 B/PW; Recovered: 10 B/PW. Release Date: 7/11/2015. 2RP-3164





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

July 24, 2015

Amber Griffin Yates Petrolcum 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111

FAX

RE: Bryan ME #1

OrderNo.: 1507792

Released to Imaging: 11/2/2021-1:57:19 PM

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/17/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 1507792 Date Reported: 7/24/2015

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Somple ID: Bryan I - Surface

Collection Date: 7/15/2015 12:50:00 PM

Project: Bryan ME #1 Received Date: 7/17/2015 10:00:00 AM Matrix: SOIL Lab ID: 1507792-001

Analyses	Result	RL Qi	ısl Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANIC	S			Analys	a: JME
Diosel Range Organics (DRO)	ND	10	mg/Kg	1	7/22/2015 11:18:52 A!	VI 20309
Sum: DNOP	102	57.9-140	%REC	1	7/22/2015 11:18:52 A	M 20309
EPA METHOD 8015D: GASOLINE RA	INGE				Analys	t: NSB
Gesoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/20/2015 3:38:32 PM	20306
Sunt BFB	92.3	75.4-113	%REC	1	7/20/2015 3:38:32 PM	20306
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzen <del>e</del>	ND	0.048	mg/Kg	1	7/20/2015 3:38:32 PM	20308
Toluene	ND	0.048	mg/Kg	1	7/20/2015 3:38:32 PM	20306
Ethylbenzene	ND	0.048	mg/Kg	1	7/20/2015 3:38:32 PM	20308
Xylenes, Total	ND	0.098	mg/Kg	1	7/20/2015 3:38:32 PM	20306
Surr. 4-Bromofluorobenzene	101	80-120	%REC	1	7/20/2015 3:38:32 PM	20306

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

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSD limit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit

Page 1 of 4

- Sample pH Not In Renge P
- Reporting Detection Lunit

### QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

Batch ID: 20378

Analysis Date: 7/23/2015

POL

Result

7.3

WO#:

1507792

24-Jul-15

Client:

Yates Petroleum

Project:

Bryan ME #1

reoject: 25tyant				
Sample ID MB-20309	SampType: MBLK	TestCode: EPA Melhod	8015M/D: Diesol Rango (	Organics
Client IO: PBS	Batch IO: 20309	RunNo: 27634		
Prep Date: 7/17/2015	Analysis Date: 7/21/2015	SeqNo: 830062	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD I	RPDI.imit Qual
Diesel Range Organics (DRO)	ND 10			
Sixt: DNOP	10 10.00	103 57.9	140	
Sample ID LCS-20309	SampType: LCS	TesiCode: EPA Method	8015M/D: Diesel Range (	Organics
Client ID: LCSS	Batch ID: 20309	RunNo: 27634		
Prep Date: 7/17/2015	Analysis Date: 7/21/2015	SeqNo: 830063	Unite: mg/Kg	
Analyle	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD I	RPDLimit Qual
Diesel Range Organics (DRO)	51 10 50.00	0 102 57.4	139	
Sur: DNOP	5.0 5.000	100 57.9	140	
Sample IO MB-20378	SampType: MBLK	TestCode: EPA Method	B015M/D: Diesel Range (	Organics
Client ID: PBS	Satch (D: 20378	RunNo; 27701		
Prep Date: 7/22/2015	Analysis Date: 7/23/2015	SeqNo: 833319	Units: %REC	
Analyle	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD i	RPDLImit Qual
Suir: DNOP	11 10,00	109 57,9	140	
Sample ID LCS-20378	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range (	Organics

SPK value SPK Ref Val. %REC

5.000

Qualificra:

Received by OCD: 10/25/2021 12:01:28 PM

Client ID: LC88

Analyto

Sun: DNOP

Prep Date: 7/22/2015

Value exceeds Maximum Contaminant Level.

Value above quantitation range

Aunlyte detected below quantitation limits

RSD is greater than RSD limit

RPD outside accepted recovery limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank В

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit ND

RunNo: 27701

147

SegNo: 833320

LowLimit

57.9

Units: %REC

140

HighLimit

%RPD

RPDLImit

Qual

Sample pH Not in Range Reporting Detection Limit Page 2 of 4

### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#:

1507792

24-Jul-15

Client: Project:

Yates Petroleum Bryan ME #1

Sample ID MB-20306 Client ID: PBS

SampType: MBLK

Betch ID: 20306

TestCode: EPA Method 8015D: Gasoline Range RunNo: 27604

Prep Date: 7/17/2015

Analysis Date: 7/20/2015

SeqNo: 829377

Units: mg/Kg

Rosuli POL Anelyle ND

5.0

LowLimit HighLimit %RPD **RPDLImit** Qual

Gasoline Renge Organics (GRO) Sun: BFB

910

24

980

1000

25,00

1000

90.7

113

75.4

Sample ID LCS-20306

SampType: LCS Batch ID: 20306 TostCode: EPA Method 80150: Gasoline Range

SPK value SPK Ref Val %REC

RunNo: 27604

Prep Date: 7/17/2015 Analyte

Client ID: LCSS

Analysis Date: 7/20/2015 Result **PQL** 

SeqNo: 829378 SPK value SPK Ref Val

%REC LowLimit 97.1 79.5

Units: mg/Kg

%RPD RPDUmjt Qual

HighLimit 122 75.4 113

Sur: BFB Sample ID MB-20308 Client ID: PB8

Gesoline Range Organica (GRO)

SampType: MBLK Batch IO: 20308

60

TestCode: EPA Method 8015D: Gasoline Range RunNo: 27604

98.1

**HighLimit** 

113

Analyte Sun: BFB

Prep Date: 7/17/2015 Analysis Date: 7/20/2015 Result

900

SPK value

1000

SeqNo: 829387

Units: %REC

%RPD

**RPDLImit** Qual

Sample ID LCS-20308

Prep Date: 7/17/2015

Client ID: LCSS

SampType: LCS Batch ID: 20308

TesiCode: EPA Method 8015D: Gasoline Range

%REC

90.4

RunNo: 27604

Loy-Limit

75.4

Qual

Analysis Date: 7/20/2015

SeqNo: 829388

Unite: %REC LowLimit **HighUmit** 

%RPD RPDLImit

113

Sun 8FB

Anelyle

Result POL 990

1000

SPK value SPK Ref Val %REC

SPK Ref Vel

98.5

75.4

## Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits 1
- 0 RSD is greater than RSD limit
- RPD outside socceted recovery limits R
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank R
- Holding times for preparation or analysis exceeded H
- Not Detected at the Reporting Limit. ND Sample pH Not in Range
- Reporting Detection Limit

Page 3 of 4

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1507792 24-Jul-15

Client:	Yates Petroleur
Project:	Bryan ME#I

Sample ID MB-20306	\$amp1	ype: Mi	3LK	Tes	Code: El	PA Method	B021B; Volat	iles		
Client ID: PBS	Batch	n ID: 20	306	F	tunNo: 2	7604				
Prep Date: 7/17/2015	Anaiyais C	)ate: 7/	20/2015	ક	leqNo; 8	29405	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPOLImit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Sun: 4-Bromofluorobenzene	0.97		1,000		96.9	80	120			

Sample ID LCS-20306	Samp	îype: LO	:5	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Balo	h ID: 20	306	F	RumNo: 2	7804				
Prep Date: 7/17/2015	Analysis (	)ale: 7/	20/2015	5	SeqNo: B	29406	Units: mg/l	ξg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzéné	0.99	0.050	1,000	0	0.66	76.G	128			
Totuene	0.97	0.050	1,000	0	96.89	75	124			
Ethylbenzene	0.99	0.050	1.000	٥	98.7	79.5	126			
Xysenes, Total	2.9	0.10	3.000	D	98.1	78.8	124			
Surr. 4-Bromofbiorobenzene	1,1		1,000		107	80	120			

							* *************************************
Sample ID MB-20308	SampType: MBI	LK Te	s(Code: EPA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 2036	08	RunNo: 27604				
Prep Date: 7/17/2015	Analysis Date: 7/2	0/2015	SeqNo: 829414	Units: %REC	:		
Analyte	Result PQL	SPK value SPK Ref Va	WREC LowLimit	HighLimit	%RPD	RPDLImit	Qual
Sur: 4 Bromoflyprobanzese	0.97	1.000	96.8 80	120		,,,w,,,,,,,	

Sample ID LCS-20308	SampT	ype: LC	8	Tes	Code: E	PA Method	80218: Vola	lles	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Client ID: LCSS	Batch	ID: 20	308	F	tumNo: 2	7804				
Prep Date: 7/17/2015 Analysis Date: 7/20/2015		5	B :oNpe	20419	Units: %RE	C				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDI.Imit	Qual
Court & Desmafuscobsosses	1.0		4 000	7 7 774417	ተለት	<u>ሁ</u> ለ	120			

### Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range E
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit Ū
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Sample pH Not in Range p
- Reporting Detection Limit

H

Page 4 of 4

Hall Exercisionanial (n ilyan Laborator) 1901 ila (kins Ni. Alinspierque, NM 8710)

TEL: 305-315-3975 FAX: 305-345-4107 Website synw.ballenetroomental con-

# Sample Log-In Check List

Cliant Name	Yotas Petroleum Corpora	Work Order Number:	1507702		ReptNo 1	
Received by/date	. Cs	07/17/15		e.		
Logged Dy.	Calina Sessa	7/17/2015 10:00:00 AM	ķ	Celin Si Celin Si	V/2	
Completed By	Collen Sonn	7/17/2015 11:28:02 AM	i	ALL C		
Roviewed By	TO	67/17/15		Leaver 12		
Chain of Cus		011.11.0				
	is intact on sample bottles?		Yes 🗍	No 🗀	No. Prosont	
	Custody complete?		Yes W	No L	Not Present	
	salubp qolloologs		Courier			
3, Haw was to	3 SHILIHITA GRILAGICAL		Godijo			
Log In						
4. Was an otte	empt made to tool the sampl	05?	Yes M	No 🗌	NA []	
5. Were all sar	nples received at a temperal	one of >0" C to 6.0'C	You 🗹	No []]	NA 🗀	
6. Sample(s)	n proper container(s)?		Y05 🗹	No 🗆		
7. Sufficient sa	imple volume for indicated to	el(a)/a	Yes X	No 🗔		
and State and Committee of	(except VOA and ONG) pro	40. The second s	Yes V	No. 🗀		
	valive added to bottles?		Yes II	No 🗹	NA 🗔	
10. VOA vials h	ove zero headspace?		Yes 🗆	No 🗌	No VOA Vials	
A September 19 Programme 19	umple containers received b	roken?	Yes 🗍	No V	# of preserved	-
9 11 10 10 10 10 10 10			4.17	E-C	bottles chacked	
	work match bottle labe 5?	i.	Yes V	No 🗆	for pH: (<2 or >	12 unless noted
	pangles on chain of clistody a correctly identified on Chai		Yes V	No 🗍	Adjusted?	s an employed elegation
114 56 61 114 114 114 114	hn: analyses were requested		Yes 🗹	No []		
15 Wate all his	kling times able to be met? coolonier (or authorization.)		Yes 🗹	No 13	Checked by.	
1.00						
	dling (if applicable)				NA 🔽	
16. Was client	notified of all discrepancies v	Win Inia order?	Yes   1	No 🗔	NA BE	
Perso	n Notified:	Date		-#=	e Contract	
By W	2777	Via	cMail [	Phone _ ] Fax	I In Person	
	/dlng:					
	! Instructions					
17. Additional	romarke					
18. Cooler Inf		Lacareta Lacare I	ക്ഷ്ട്രയ് 1	Polyment No.	ı	
Cooler I	No Temp C Concilion	Seal Intect   Seal No	Seal Date	Bigned Dy		

Received by OCD: 10/25/2021 12:01:28 PM

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	מנו	4901 Hawkins NE - Albuquerque, NM 87109	5-4107		(AOV-Imes) 07S8																	Remarks: TPH: 8015B, BTEX: 8021B. Please show BTEX Amy results as mg/kg. Please put chloride results on a separate		
RO	4	www.hallenvironmertal.com	due. N	505-345-4107	Analysis Request	8,8	BOc	926	08	/ 80		8081 Pest	_		_					-	-	-	-	TPH: 8015B, BTEX: 8021B.	
2	SIS	ironm	udue	Fax 5	Sis R			1.2.	_	_		(H) enolnA	×			_		_						年日	
Ш	3	alleny	- A		Analy				7.5		-	RCRA 8 M			_					_		4	_	38, B	10.
ALL	Z	ww.h	N.S.	Tel. 505-345-3975				-	-	1	_	HDB (Meth NP) 01:68		-			-	-		$\dashv$	$\dashv$	-	+	- 89.4 - 19.6	
Ī	N.	3	awkin	5-345		(1.814 borlisM) H9T								-	-					_	$\top$		TPH:	). ).	
			Σ	el 30		1.5			_		1 12	Meth	×											SS:	
			40	12		. 4				3 3		BLEX + W.		-			-		_	_	-	-	_	Remarks: results as	report.
	-1	-		$\sqcup$		(16	OB)	s, <sub>U</sub>	MT	: []	TENT	M+X=1B	×	•		_		_			$\dashv$		+	2 20	}  
Tum-Around Time:	X Standard	Project Name:	Bryan ME#1	托	30-015-23097	Project Manager:	Amber Griffin	PO # 205-2020	ler: Amber Griffin	E SYCE DING	Sample Temperature: 1.0°C	Container Preservativ HEAL No. e Type and # 6507793	. los   - 00/											Date Time	Time
Tun.	Xs	Proje		Project		Proje			Sam	On Ic	Sam	9 5	1-402			1					n E			Agos A	7 5
Chain-of-Custody Record	Yates Petroleum Corporation			105 South 4th Street Artesia, NM 88210	575-513-8799 or 575-748-4111	acannon@yatespetroleum.com		☐ Level 4 (Full Validation)		□ Other	z.	Matrix Sample Request ID	Bryan 1 - Surface											Reinquished by:	Relinquished by:
n-o	es Pe		30	Stree	L L			i:			Ш	φ	12-50 Sail												
hai	Yag	Ĭ	ddres	th 4th		Fax#	ackage	T.	afine	p.	Type				-	-		b		-			-	Tage.	- Ime
O	Client	1	Malling Address:	105 Sou	Phone #:	email or Fax#;	CAIOC Package	DA/OC Pack	& cereditation.	A ITIN L	☐ EDD (Type)	Dete	7/15/2015										Į.	48 CO	Date:



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

OrderNo.: 1507792

July 24, 2015

Amber Griffin Yates Petroleum 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111 FAX

RE: Bryan ME #1

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/17/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Received by OCD: 10/25/2021 12:01:28 PM

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1507792

Date Reported: 7/24/2015

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Lab ID:

Project:

Bryan ME #1

1507792-001

Matrix: SOIL

Client Sample ID: Brysn I - Surface

Collection Date: 7/15/2015 12:50:00 PM Received Date: 7/17/2015 10:00:00 AM

Analyses	Result	RL Qua		DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			- Chill Patric	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/st: LGT
Chloride	7700	300	тд/Кд	200 7/23/2015 3:58:02 PI	

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

# Qualiflers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation runge Ε
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded н
- NID Not Defected at the Reporting Limit

Page I of I

Sample pH Not In Range

Reporting Detection Limit



Hall Universamental Austrix Lebectory 1901 Haskins NL Albertory NM 82109 TEL: 505-315-3925 FAX: 505-345-4107 Walstor vera Jallenviroimental con

# Sample Log-In Check List

Cliant Name	Yntas Petroleum Corpora	Work Order Number.	1507	02		Rept	No 1
Received by/dat	to: CS	07/17/15					
Logged Dy.	Colina Seasa	7/17/2015 10:00:00 AN	ĺ;		alin S	adem.	
Completed By	Colina Bossa	7/17/2016 11:28:02 AN			Celin S Celin S		
Rovinwad By	IO	01/17/15			ceum s	men	
Chain of Cus	X **	04.41.6					
1 14 14114 4 1 1 1 1	ots intact on sample boltles?		Yes		No C	Nat Present	Vi
100	Custody complete?		Yes		No L	Not Present	
	e sample delivered?		Cou				
				rna			
<u>Log In</u>			A92	ā 121	5.2% (PT)	9-92	ı—
4. Was an alte	empt made to cool the sampl	05?	Yes	N.	No	NA	l <sub>e</sub> J
5. Ware all sa	mptor received at a tempera	ure of >0* C to 6.0°C	Yes	2	No 🎞	NA (	1
6. Sample(s)	In proper container(s)?		Yes	Y	No 🗆		
7 Sufficients	ample volume for Indicated to	Yialla	Yes	V	No L		
	e (OXCOpt VOA and ONG) pro		Yes		No 🗀		
	Seelflod of bebbn ovices		Yes	F*]	No 🗹	NA	
10 Volumes	iave zero headspace?		Yes	17	No 17	No VOA Vists	V
	ample containers received b	rokan?		ñ	No V	THE STATE STATE	*****
	The Art of the Maria Breakly	1909)1.1		[2]	No 🗆	# of preserved bottles chacke for pH:	4.
	work match bolde labe's? spandles on chain of custody	) <sup>*</sup>	105	(66)	MV	19	(<2 or >12 unless not
Section of sections	s correctly identified on Chal	Laborator Contractor	Yes	V	No	Adjusted	7:
14, is it clear w	hat analyses were requested	7		1	No 🗔		
	kling times able to be met? ; customer for authorization.)		Yas	V	No L	Checked	ву
Spocial Han	dling (If applicable)						
16, Was client	notified of all discrepancies v	dto this order?	Yes	11	No 🗆	NA	<b>₩</b>
Perac	on Notified:	Date					
ByW	lhpm:	Via.	ch	ail [	Phone 🗌 Fax	In Person	_
Roga	rding:						
Chen	t Instructions						
17. Additional	romnika:						
18. Cooler Inf	formation						
Cooler	No Temp C Condition	Seal Intact   Seal No	Seal	ato	Gigned By		
1	1.0 Good	Yes				.1	

Received by OCD: 10/25/2021 12:01:28 PM

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	nental com	Albuquerque, NIM 87109	Fax 505-345-4107	Request	8,5	3Od i		()(0	)\/-\(\)	DV) 80858 ne2) OX8					V					Remarks: TPH: 8015B, BTEX: 8021B. Please snow bilex results as mg/kg. Please put chloride results on a separate	
ALL ENV	NALYSIS	www.hallenvironmental.com	1s NE - Albuque		Analysis Request	OS'	,O9,	(	I-I∀c	10 , etal	EDB (Molh 8310 (PWA RCRA 8 M	×									: 80158, BIEX: y. Please put of	
I	A		4901 Hawkins NE -	Tel. 505-345-3975		juo	889)	(e a) (e a) Hc	T 4 1810	9 po	M + X3TB Molh NPH Molh 마위 (Meth	×									Remarks: TPH: results as mg/kg	7100131
			臣折			in a communication of the comm		-	No Climin	2	HEAL No. +	× 100-									Date inne Ri C7//7//     C22/re/re	Date Time
d Time.	d IRush	<u></u>	Bryan ME#1		30-015-23097	व्यव्यः	Amber Gniffin	CD7 + CJ	Z/es	mperature: /	Preservativ	<u>5</u>								*	Car.	1
Tum-Around Time:	X Standard	Project Nan		Project #:		Project Manager:			On loe:	Sample Temperature:	Container Type and #	1-402				i i					Received by:	Received by:
Chain-of-Custody Record	Yates Petroleum Corporation			105 South 4th Street Artesia, NM 86210	575-513-8799 or 575-748-4111	acannon@yatespetroleum.com		☐ Level 4 (Full Validation)			Sample Request ID	Bryan 1 - Surface									elinquished by:	on state
of-Cus	Petroleum			reet Arties	575-513	acannon			Č.		Matrix	12:50 Soil			-	7	- 4		112	1	Retinguished by:	Reinquishec ar
hain-	Yates		ddress:	th 4th St		Takir.	:abeque	E C	Zion:	(Tyce)	Тте	1	1	 ne in			1		# 	,	Time:	
O	Clear		Walling Address:	105 Sou	Phone	email or Faxe.	CAIOC Padrage:	U Standard	Accreditation:	C EDD (Type)	Deta	7115/2015									開発	Date

Handbary, samples submitted to Hall Environmental may be subcontracted to other accorded because the carves as notice of this pessibility. Any subcontracted data will be eleanly notated on the analysis of the analysis of the pessibility.



Hall Environmental Analysis Labaratory
4901 Howkins NG
Albuquergue, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

OrderNo.: 1509894

September 28, 2015

Amber Griffin Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 TEL; (575) 748-4111 FAX

RE: Bryan ME #1

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 3 sample(s) on 9/18/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Received by OCD: 10/25/2021 12:01:28 PM

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 1509894 Date Reported: 9/28/2015

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Client Sample ID: Bryan 1 - 1'

Project: Bryan ME #1

Collection Date: 9/10/2015 9:35:00 AM

Lab ID: 1509894-001

Matrix: SOIL

Rereived Date: 9/18/2015 9:21:00 AM

Annlyses	Result	RL Qu	at Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Anal	yst: LGT
Chloride	2000	75	mg/Kg	50 9/24/2015 6:48:20 A	M 21444

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

# Qualifiers:

- Volue 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 detented in the associated Method Blank
- E Value above quantitation range
- J Analyse detected below quantitation limits Page 1 of 4
- P Sumple pH Not in Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1509894

Date Reported: 9/28/2015

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation Client Sample 1D: Bryan I - 2'

Bryan ME #1 Collection Date: 9/10/2015 9:40:00 AM Project:

Matrix: SOIL Received Date: 9/18/2015 9:21:00 AM Lab ID: 1509894-002

Analyses	Result	RL Qu	al Units		Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: LGT
Chloride	1800	75	mg/Kg	50	9/24/2015 7:00:45 AN	1 21444

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

# Qualifiers;

- Value exceeds Maximum Contaminant Level.
- b Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 4 J
- Sample pH Not in Range
- Reporting Detection Limit

Analytical Report Lab Order 1509894

Date Reported: 9/28/2015

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Client Sample ID; Bryan 1 - 3'

Project: Bryan ME #1

Collection Date: 9/10/2015 9:45:00 AM

Lab ID: 1509894-003

Matrix: SOIL Received Date: 9/18/2015 9:21:00 AM

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed
 Batch

 EPA METHOD 300,0: ANIONS
 Analyst: LGT

 Chlorida
 2700
 75
 mg/Kg
 50
 9/24/2015 7:13:10 AM
 21444

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

# Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Hokling limes 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 Anniyte detected below quantitation limits Page 3 of 4
- P Sample pH Not in Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1509894 28-Sep-15

Client:

Yates Petroleum Corporation

Project:

Bryan ME #1

***************************************				
Sample ID MB-21444	SampType: MBLK	TestCode: EPA Method	300.0: Anions	
Client IO: PBS	Batch ID: 21444	RunNo: 29028		
Prep Date: 9/22/2015	Analysis Date: 9/22/2015	SeqNo: 880818	Units: mg/Kg	***************************************
Analyte	Result PQL SPK value	SPK Ref Val	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			

Sample ID LCS-21444	SampT	уро: "С	S	Tes	(Code: E	PA Method	300.0: Anion	\$		
Client ID: LCSS	Batch	ID; 21	444	8	RunNo: 2	9028				
Prep Date: 9/22/2015	Analysis D	ale: 9/	22/2015	8	SeqNo: 8	80819	Units: mg/K	ថ្ង		
Analyle	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD⊔mit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

# Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- 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

Page 4 of 4



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: Yates Patroleum Corporat	Work Order Number:	1509884		RopiNo:	1
Received by/dele: Logged By: Lindsey Mangin	09 (18/15 9/18/2018 9:21:00 AM		Julythya		: : : :
Completed By: Lindsey Mangin	9/18/2015 3:24:29 PM		of yther		! !
Reviewed By:	09/18/15				• :
Chain of Custody	r				
1. Custody seeks intact on sample boilies?		Yas 🛣	No 🗆	Nol Present	
2, is Chain of Gustody complete?		Yes 🛣	No □	Nol Present 🗆	
3. How was the sample delivered?		Courier			
<u>Log in</u>					
4. Was an altempt made to cool the sample	s5?	Yas 🗷	No 🛚	na 🗀	
5. Were all samples received at a temperate	ire of >0° C to 6.0°C	Yes 🗷	Mo □	NA 🗆	
6. Sample(a) in proper contakter(a)?		Yes 🕷	No 🗀		
7. Sufficient sample volume for indicated te	il(s)7	Yes 🗷	No 🗆		
8, Are samples (except VOA and ONG) pro	perly preserved?	Yes 😾	No 🗆	r.m.	
9. Was preservative added to buildes?		Yes 🗆	No 🗟	na 🗀	
10.VOA vials have zero headspace?		Yes 🔲	No 🛚	No VOA Viala 🗟	
11. Were any sample containers received br	oken?	Yes 🗀	№ 🗷	# of preserved	: ;
12.Does paperwork match bottle labels? {Note discrepancies on chain of custody}		Yes 🗷	No 🗆		or >12 unless noted)
13. Are matrices correctly identified on Chair	of Custody?	Yes 🐱	No 🗆	Adjusted?	<u> </u>
14_is it clear what analyses were requested	₹ .	Yes 🐼	No □	المالية	
15. Were all holding times able to be met? (if no, notify customer for authorization.)		Yes 🗃	No 🗍	Checked by:	
Special Handling (If epplicable)					
16. Was client nothind of all discrepancies w	lin (his order?	Yes 🔲	No 🗆	NA 🖼	
Person Notified:	Date:				į Į
By Whom:	Vis:	eMall	Phone Fax	[] in Person	
Regarding:	<u>maaaluuluu, pyrikkoikkin Coktaanil, läytyk ja juli illisiikin Coktaanil, läytyk ja juli illisiikin Coktaanil i</u>				7
Client Instructions;					
17. Additional remarks:					
18. <u>Cooler Information</u> Cooler No Temp ℃ Condition	SeailAted See No	Seal Date	Signed By	<b>.</b>	
1 4,2 Good	Yeв	r,		J	

Class   Continue   C	としては、これに	ゴタコン	Chain-of-Custody Record	Turp-Around Time:	lime:							Ö	Z		1	111	
Project Name:   Project Name:   Bryan NE St   Project Name:   Br	Yates Petro	ieum C		X Standard					2	A	Si	3	Ę	X	2	Z	
South   State   Stat				Project Name					* TA	w.hailk	myton	menta	E.00	_			
Tel. 805-345-3975   Troject #:   2RP-3164     Stressia, Nuls 88210   Troject #:   2RP-3164     Stressia, Nuls 88210   Troject Marger:   2RP-3164     Stressia, Nuls 88210   Troject Marger:   2RP-3164     Stressia, S	dress:				Bryan ME	#	*	94 KB	twkins	豐	Albuq	erdne	Ž	87109			
### Project Manager: ####################################	Ath Street	Artesia		Project #:			-	el. 50°	345	3975	Fax	505-3	454	107			ı
Content   Project Manager.   P	575	-513-87	789 or 575-748-4111		2RP-31	£4.			:	An	alysis	Regu	Tiss:				
Cother   C	email or Fax#: agri	ifin@va		Project Mana	ner.						OS						
Cutter   A (Full Validation)					Amber Gr	iffin					"O		********		<del></del> ,		
Other   Othe	□ Standard		1 Level 4 (Full Validation)		PO # 205-	2620					٦, <u>،</u> د				<del></del>		
Matrix   Sample Request 1D   Type and #   Deservativ   Health No.		d H			U.S.	iber Griffin (4/5)							(8(	(W/	*************		(N -
Matrix   Sample Request 1D   Container   Preservativ   Life   L	11			6	LX v.	``						eppo		3.A-8			<b>∤</b> } ₹
8:35.Soil Bryan 1 - 3' 1 - 4oz None — (T) X  9:40.Soil Bryan 1 - 3' 1 - 4oz None — (T) X  8:45.Soil Bryan 1 - 3' 1 - 4oz None — (T) X  The Reinquished by: Received by: Receiv	<u></u>	 사		Container Type and #	Preservativ a Type	HEAL NO. 1502/894						8081 Pesti		1160/0120			eldđug JA
9-45 Soil   Bryan 1 - 2"   1 - 402   Nome	9/10/2015 9:35 Soil		- 1	1 - 402	None	100-					×						
9-45 Soil   Bryan 1 - S					None	700-					×		<del>-1</del> -,,,, <sub>2</sub> ,	······			
Time: Reinquished by:  8.00 A Canton Received by:  17me: Reinquished					None	- 00G					<u>×</u>			,,,,,,,	_		
Times: Relinquished by:  Received by:  Recei																,	
These Relinquished by:    Prince Relinquished by:   Reserved by:								,,									1
Times Relinquished by:  St. M. Cont.		<u> </u>					,u						_				
Times Relinquished by:  Residued by:  Received by:  Receiv		<u> </u>											-,			-	1
Times: Relinquished by:  Si-Outh Cumber, Coulting  Times: Relinquished by:  Times: Relinquished					•												1
Time: Relinquished by:    Part   Continue   Received by:   Date   Time   Remarks: Chloride Only.   Time: Relinquished by:   Data   Time   Data   Data				į	***************************************				-								
Times Relinquished by:  Relinquished by:  Received by:  Received by:  Times Relinquished by:  Received by:  Received by:  Date Time Remarks: Chloride Only.							1		$\dashv$	1			$\dashv$			+	
Times Relinquished by:  Relinq									-		<u></u>						
Time: Relinquished by: The Data Ifme	<u> </u>	nguished	Cailten	Represent by:	1	Date Time	Remar	<u> </u>	loride	<del>Ž</del> i O							Ī
	- IE	nquished	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Received by:		Data - Time											



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NNI 87109 TEL: 505-345-3975 FAX: 503-345-4107 Website: <u>www.hallenvironmental.com</u>

OrderNo.: 1510101

October 12, 2015

Amber Griffin Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111

FAX

RE: Bryan ME #1

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 3 sample(s) on 10/2/2015 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Received by OCD: 10/25/2021 12:01:28 PM

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lub Order: 1510101

Date Reported: 10/12/2015

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Lab Order:

1510101

1510101-001 Lab ID:

Bryan ME #1

Collection Date: 9/10/2015 9:50:00 AM

Client Sample ID: Bryan 1-4'

RL Qual Units

Matrix; SOIL DF Date Analyzed

Butch ID

**EPA METHOD 300.0: ANIONS** 

Chloride

10/8/2015 2:26:57 AM 21662

Analyst: LGT

Lab ID:

Analyses

Chloride

Lab ID:

Project:

Analyses

1510101-002

1510101-003

75

mg/Kg

Collection Date: 9/10/2015 9:55:00 AM

Client Sample ID: Bryan 1-5'

RL Qual Units

DF Date Analyzed

Batch 1D

**EPA METHOD 300.0: ANIONS** 

75

10/8/2015 2;39:22 AM mg/Kg

Analyst: LGT 21662

Collection Date: 9/10/2015 10:00:00 AM

Matrix; SOIL

Matrix: SOIL

Client Sample ID: Bryan 1-61 Analyses

Result

Result

1700

Result

1900

RL Qual Units

75

DF Date Analyzed

Batch ID Analyst: LGT

**EPA METHOD 300.0: ANIONS** Chloride

1800

mg/Kg

10/8/2015 3:16:36 AM 21662

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

Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

- Value exceeds Maximum Contamioant Lovel.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- Analyte detected in the associated Method Blunk.
- E Value above quantitation range
- Analyte detected below quantitation limits
- Page 1 of 2
- Sample pH Not In Range
- Reporting Detection Limit

H

% Recovery outside of range due to dilution or matrix

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

WQ#; 1510101 12-Oct-15

Client:

Yates Petroleum Corporation

Project:

Bryan ME #1

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

Batch ID: 21662

RunNo: 29327 SeqNo: 891488

Units: mg/Kg

**RPDLImit** 

Prep Date: 10/5/2015 Analysis Date: 10/5/2015 Result

POL SPK value SPK Ref Val. %REC

LowLimit

HighLimit **%RPD** 

Qual

Analyte Chloride

ND

1.6 SampType: LCS

TestCode: EPA Method 300.0: Anions

RunNo: 29327

Prep Date: 10/5/2015

Client ID: LCSS

Sample ID LCS-21662

Betch ID: 21662 Analysis Date: 10/5/2015

SeqNo: 891487

Units: mg/Kg

**RPDLImit** LowLimit HighLimit %RPD Quel

Analyte Chloride

Result POL 14

1.5

SPK value 15,00

%REC SPK Ref Val **83.3** 

80

110

# Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

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

Page 2 of 2



Hall Universionizated Analysis Labovatory 1901 Howkers Nt Ologoropic, NAI 87109 11,1-503-115-1925 U.V. 505-345-110-(Belistic, www.hall-avaranopicutol.com

# Sample Log-In Check List

Chent Name: Yolos Patrolaum Corpora	Work Order Number	1510101		ReptN	0 1
Received by/date:	molosliss				
Luggad By Lindsay Mangin	10/2/2015 D:40:00 AM		( July Hilliggo		
Completed By Lindsay Mangin	10/5/2015 7:41:41 AM		्राम्भूमीका (जन्मुमानुक		
Reviewed By 24	10/03/15		( ) V V		
Chain of Custody	I NI Collect				
1. Clustody seals intact on sumple butdus?		Yes	No I	Nat Present Y	5
2. Is Chain of Gustody complete?		Yes V	No L	Not Present	ì
3. How was the sample dollvoire?		Courler			
3. This true the same pro-similaries					
<u>Log In</u>					
4. Was an attempt made to cool the sample	o?	Yes Y	No	NA	1
5. Ware all complex received at a lampuratu	re of >0' C to A D'C	Yes	No V	NA.	1
			od by ellent.		
6. Sample(s) in proper container(s)?		Yes Y	No I		
7. Sufficient sample volume for Indicated tes	1(9)?	Yes V	No		
8, Are samples (except VOA and ONG) prop		Yes 🗸	No 1		
9. Was preservative added to building?		Yes L	No V	NA.	Ί
10, VOA vials have zero headspace?		Yes	No 1	No VOA VIAIN IV	ri .
	u 60.9	You	No X	mass states folding	
11, Were phy sample containers received be	sanr		***	# of preserved boxtles chacked	
12. Dues paperwork match bollle linke's?		YOU W	Na	for pH:	2 or >12 unless note
(Note discrepancies on chain of custody)  13. Are matrices correctly identified on Chain	of Custom?	Yes V	No	Adjusted?	was a defenda estadores
14 Is it clear what analyses were requested?		Yes V	No		
15. Were all holding times able to be mel?		Yos V	No	Grecked by	<b>y</b> .
(If no, notify customer for nuthorizetion )					
Special Handling (If applicable)					
16 Was client notified of all discrepancies w	In Unia ordor?	Yes L	No L	NA N	<i>.</i>
Person Notified	Date				
By Whom	Via	eMad	Phone     Fax	In Person	
Regarding:					•
Oilent Instructions:					
17. Additional romarks:					
18 Gooler Information					
Gooler No   Temp *C   Condition	Sual Intact   Seat No	Seal Date	Signed By		

Client: Yates Petroleum Corporation X S  Mailing Address:  105 South 4th Street Artesia, NM 88210 Proje				-		ST P		TALL ENVIKONMENIAL
	X Standard   Rush			AN	ALY	SIS	ABOI	ANALYSIS LABORATORY
1	Project Name:			No.	www.hallenvironmental.com	топпеп	tal.com	
	Bryan ME#1	EH	4901	Hawkins	A - A	nduerqu	4901 Hawkins NE - Albuquerque, NN 87:09	50
	# ₩		Te.	Tel. 505-345-3975		Fax 505	Fax 505-345-4107	100
575-513-8799 or 575-748-4111	2RP-3164	64			Analy	Analysis Request	vest	
agriffin@vatespetrojeum.com Proje	ect Manager.		Įцо		_			
T. Level 4 (Full Validation)	Amber Griffin PO # 205-2020	riffin 2020	(Gss	حطفظ		-1		
	11	Amber Griffin 14(7)	HdJ	tr.	_		7	
C Other	図が終	U No	+	011	Vr	_	(AC	
	Sample Temperature: / 7	4	<b>9</b> 8.	po	JO			
Машх Sample Request ID Со	Container Preservativ	HEAL NO.	BTEX + MT BTEX + MT TPH Mound	EDB (Well) LLSH (Well)	RCRA 8 M	),7) enoinA 1808 Peatl	OV) 80058 OV) 80058	
9:50 Soil Bryan 6 - 4:	loz. None	-001				×		
9:55 Soil Bryan 1 - 5	loz, None	-002	- 1			×		
10:00(Soil Sryan 1 - 6	- 40Z None	-002	-		-	×		
		1		+ -7				-
					-			
	1 21			-				i
					1			
	**************************************						_	-
Relimitished by:	200	1465/75 OS40	Remarks: Chloride Only.	Chloride (	Only.	4.		
3	Received by:	Date Time						

I necessay, some pass submitted to Half Environmental ray to externity to construct the service of this possibility. Any externated data will be cleary notated on the analytical moon.



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

OrderNo.: 1511272

November 17, 2015

Amber Griffin
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111
FAX

RE: Bryan ME #1

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 5 sample(s) on 11/6/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers 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 Ccrt #AZ0682 — NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Received by OCD: 10/25/2021 12:01:28 PM

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Anolyses

Chloride

Released to Imaging: 11/2/2021 1:57:19 PM

Annlytical Report Lab Order: 1511272

DF Date Analyzed

DF Date Analyzed

Date Reported: 11/17/2015

Batch ID

Batch ID

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation Lab Order: 1511272

Bryan ME#1 Project:

1511272-001 Collection Date: 11/3/2015 9:56:00 AM Lab ID:

Matrix: SOIL Client Sample ID: Bryan 1-7'

Result

**EPA METHOD 300.0: ANIONS** Analyst: LGT 200 11/14/2015 1:53:54 AM 22299 Chloride 5300 300 mg/Kg

RL Qual Units

Collection Date; 11/3/2015 9:59:00 AM Lnb ID: 1511272-002

Client Sample ID: Bryan 1-8' Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: LGT 500 11/14/2015 2:06:20 AM 22299

750

mg/Kg

Lab ID: 1511272-003 Collection Date: 11/3/2015 10:04:00 AM

Matrix: SOIL Client Sample ID: Bryan 1-10'

8200

Analyses Result RL Qual Units DF Date Analyzed Batch ID **EPA METHOD 300.0: ANIONS** Analyst: LGT

Chlorida 8500 750 mg/Kg 500 11/14/2015 2:18:45 AM 22299

Collection Date: 11/3/2015 10:10:00 AM Lab ID: 1511272-004

Matrix: SOIL Cifent Sample ID: Bryan 1-12' Result

Ausiyses **EPA METHOD 300.9: ANIONS** Analyst: LGT 200 11/14/2015 2:31:09 AM 22299 Chloride 6700 300 mg/Kg

RL Qual Units

Collection Date: 11/3/2015 10:17:00 AM Lab ED: 1511272-005

Client Sample ID: Bryan 1-14' Matrix: SOIL

RL Qual Units DF Date Analyzed Result Batch ID Analyses **EPA METHOD 300.0: ANIONS** Analyst: LGT

Chloride 100 11/14/2015 2:43:33 AM 22299 4100 150 mg/Kg

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

Qualifiers: Value exceeds Maximum Contaminant Level.

> 33 Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

- Aunityte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 2
- Sample pH Not in Range
- RL Reporting Detection Limit

# **OC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1511272

17-Nov-15

Client:

Yates Petroleum Corporation

Project:

Bryan ME #1

Sample	D	MB-22299
--------	---	----------

SampType: MBLK

TestCode: EPA Mathod 300.0: Aniona

Batch ID: 22299 Client ID: PBS

RunNo: 30193

Prep Date: 11/11/2015

Highl.imit

Analylo

Analysis Date: 11/11/2015

SeqNo: 919916

WREC LowLimit

Units: mg/Kg

%RPD

RPDLimit Qual

Chloride

POL Result ND 1.5

Sample ID LCS-22299

SampType: LCS

TostCodo: EPA Method 300.0; Antons

Client ID: LCSS Prep Date: 11/11/2015

Batch ID: 22299 Analysis Date: 11/11/2015 RunNo: 30193 SeqNo: 919917

Units: mg/Kg

Analyto

%REC

LowLimit

HighLlmit

RPDLim(t

Qual

Chloride

14

Result

ND

POL 15.00 1.5

SPK value SPK Ref Val

90.9

90 110

Sample ID MB-22299

Sample ID LCS-22299

Prep Date: 11/11/2015

Client ID: LCSS

Client ID: PBS

Prep Date:

SampType: MBLK Belch ID: 22299

ToslCode: EPA Method 300.0: Anions RunNo: 30221

Units: mg/Kg

%ጽሥቦ

Analyle Chloride

11/11/2015

Analysis Date: 11/12/2015 POL

SeqNo: 920917

SPK value SPK Ref Val

SPK value SPK Ref Val. %REC LowLimit

HighLlmit

%RPD **RPDLImit** 

Qual

Qual

Page 2 of 2

1.5

Batch ID: 22299

SampType: LCS

1.5

TestCode: EPA Method 300.0: Anions RunNo: 30221

5eqNo: 920918

Units: mg/Kg

RPDLimit

%RPD

Analyte Chlorida

Analysis Date: 11/12/2015 Result POL 14

SPK value SPK Ref Val 15.00

%REC 91.7

90

110

HighLimit

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

% Repovery outside of range due to dilution or matrix

Not Detected at the Reporting Limit

Analyte detected in the associated Method Blank

E Value above quantitation range

Sample pH Not in Range

Reporting Detection Limit

## Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

Value exceeds Maximum Contaminant Level.

RPD nutside accepted recovery limits

B

Analyte detected below quantitation limits



Hall Environmental Analysis Luboratory 4901 Hawkins NE Albuquergue, HM 67109 TEL: 305-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Wabsite; pre	v.hallenvironmental.	CO1A		
Client Name: Yatez Petroleum Corporat Work Order Num	iber: 1511272		ReplNo:	1
Received by/date: -SA 11/06/15				<u> </u>
Lopped By: Lindsay Mangin 11/6/2016 9:35:00	AM	July Halpo		)
: Completed By: Lindsay Mangin, . 11/6/2015 12:21:5	5 PM	ANAMO		
Reviewed By:	<del>-</del>	.000		
Chain of Custody	<b>)</b> ,	<i>/</i>	All holi	! የ
1. Guslody seals intact on sample bottles?	Yes (P)		Not Present R	,
2. Is Chein of Cualody complete?	Yes 🛣	No 🏻	Not Present	
3. How was the sample delivered?	Courier		Y.	
<u>Log in</u>				
4. Was an attempt made to cool the samples?	Yes 🗭	No 🗆	ΝΑ 🎞	
5. Were all samples received at a temperature of >0° C to 8.0°C	Y68 🔀	No 🗀	№ □	
6. Sample(s) in proper container(s)?	Yes 🗗	No 🗓		
7. Sufficient sample volume for indicated test(s)?	Yes 🐼	No 🗀		
Are samples (except VOA and ONG) properly preserved?	Yes 🚵	No 🗆		
9. Wes preservative added to bettles?	Yes 🗀	No 🗷	NA 🗆	
10.VOA viats have zero headspace?	Yes 🗆	No 🔲	No VOA Vista 🗃	
11. Were any sample containers received broken?	Yes 🗆	No 🔣	# of preserved	
40 m	🖼		bottles checked	
12. Does papervork match bottle labels? (Note discrepancies on chain of custody)	Yes 🖻	No□	for pH: (≺2 o	>12 unless noted)
13, Are matrices correctly identified on Chain of Custody?	Yes Æ	No 🗆	Adjusted?	
14, is it clear what enalyses were requested?	Yes 🗃	No 🗆		
15. Were all helding times able to be met? (If no, notify customer for authorization.)	Yes 😿	No 🗆	Checked by:	**************************************
The state of the s			•	
Special Handling (if applicable)	🗂			
16. Was client notified of all discrepancies with this order?	Yes 🗀	No L	MA, 🚵	
Person Notified: Dat	e:	· maliadama. · · · · · · · · · · · · · · · · · · ·		Į
By Whom: Via	† ☐ listMe ☐	Phone 🔲 Fax	In Person	<b>.</b> 3
Regarding:		***********		j
Client Instructions:				
37. Additional remarks:				
18. Cooler Information  Cooler No   Temp *C   Condition   Seel Intact   Seel No	Seal Date	Signed By		

Good

Yes

Received by OCD: 10/25/2021 12:01:28 PM

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	🖺 - Albuquarque, NM 87109	- Albuquerque, NM 87109 - As 505-345-4107 - Analysis Reguest - Abuquerque, NM 87109 - Analysis Reguest - Analysis Reguest - Abuquerque, NM 87109							8310 (PNA or PAH) RCRA 8 Metals Anlors (F,CI,MO <sub>3</sub> ,MO <sub>3</sub> ,PO <sub>4</sub> ,SO 8081 Pesticides / 8082 PCB's 82608 (VOA) 8270 (Semi-VOA)										lly.			other acceptated laborationes. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the architect report.
HAL	ANA	www.	4901 Hawkins NE	Tel. 505-345-3975		ilao	865	(GB)	9T + 831( 1,81	38. b bo	BTEX + MT BTEX + Melho TPH (Melho TPH (Melho										Remarks: Chloride Only			sporeiting. Any sub-contracter
,			E 新		184		ariffin		Amber Griffin AC		10 TO	100-	-02	-023	787	-08					Dang Time	40411 OT3)	Date Time	where, This perves as notices of the
Turn-Around Time:	lard 🗆 Rush		Bryan ME #	**	2RP-3164	lanager.	Amber Griffin	PO# 205-2020		Compositates 5	ner Preservativ nd# e.Type	None	None	Nane	None	None		1		*****	.	allow	;faj	When accredited laborate
Tum-Aroi	X Standard	Project Name		Project #:		Project Manager.			Sampler:	Sample	Container Type and ∤	1-402	7 - 402.	1-402	1-402	1-402.			_		Received by:	J.	Received !	contracted to o
Chain-of-Custody Record			105 South 4th Street Artesia, NM 88210	575-613-8799 or 575-748-4111	agriffin@yatespetroleum.com		□ Level 4 (Full Validation)		***************************************	Sample Request ID	Bryan 1 - 7	Bryan 1 + 8'	Bryan 1 - 10°	Bryan 1 - 12	Bryan 1 - 14					ed by:	25 (S.S.) 25	, sapa	Trecessary, emples submitted to Hell Enforcemental may be subcontracted to	
of-Cus	'etroleum			eet Artes	575-613-	acriffin@					Matrix	9:56 Soil	9;59 Soil		10:10 Soil	Sail					Reinquished by:	)	Relinquished by.	, earmples subm
lain-c	Yates F		dress:	45 St		ax#;	kage:	72	ion:	(ADG)	Тте			Ľ	<u> </u>						Times	₹ 8.9.	Tame	ीं गम्बरहरूका
Ċ	Clent		Mailing Address:	105 South	Phorne #	ernail or Fax#	DAVQC Package:	C Standard	Accreditation;	C EDD (Type)	Date	11/3/2015	11/3/2015	11/3/2015	11/3/2015	11/3/2015					Date:	<u> </u>	o de	



Hall Environmental Analysis Labaratory 4901 Hawking NK Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 04, 2016

Amber Griffin
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111
FAX

RE: Bryan ME #1

OrderNo.: 1602B44

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 3 sample(s) on 2/26/2016 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Received by OCD: 10/25/2021 12:01:28 PM

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Qualifiers:

Analyses

Chloride

EPA METHOD 300.0: ANIONS

Aunitytical Report

Lab Order: 1602B44

DF Date Analyzed

20 3/3/2016 7:10:37 PM

Batch ID

24065

Released to Imaging: 11/2/2021 1:57:19 PM

Analyst: JRR

Date Reported: 3/4/2016

CLIENT: Yates Petroleum Corporation Lab Order: 1602B44 Bryan ME #1 Project: Collection Date: 2/24/2016 8:40:00 AM 1602B44-001 Lab ID: Matrix: SOIL Client Sample ID: Bryan 1-16 Result PQL Qual Units DF Date Analyzed Batch ID Analyses Analyst: JRR **EPA METHOD 300.0: ANIONS** 3/3/2016 6:45:47 PM 24065 1100 30 mg/Kg Chloride Lab ID: Collection Date: 2/24/2016 8:47:00 AM 1602B44-002 Matrix: SOIL Client Sample ID: Bryan 1-18 Result PQL Qual Units DF Date Analyzed Batch ID Analyses **EPA METHOD 300.0: ANIONS** Analyst: JRR 540 30 3/3/2018 6:58:12 PM 24005 Chloride mg/Kg Collection Date: 2/24/2016 8:56:00 AM 1602B44-003 Lab ID: Matrix: SOIL Client Sample ID: Bryan 1-20

PQL Qual Units

mg/Kg

30

Result

490

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

# Value exceeds Maximum Contominant Level.

Hall Environmental Analysis Laboratory, Inc.

- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Ħ
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range
- j Analyte detected below quantitation limits Page 1 of 2
- Sample pH Not in Range
- Reporting Detection Limit RI,
- Sample container temperature is out of limit as specified

# **OC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#:

£602B44

04-Mar-16

Clienti

Yates Petroleum Corporation

Project:

Bryan ME #1

Sample ID MB-24065

SampType: mblk

TeelCode: EPA Method 300.0: Anions

Client IO: PBS

Betch ID: 24065

POL

RunNo: 32563

Prep Date: 3/3/2016

Analysis Date: 3/3/2016

SeqNo: 996302

Units: mg/Kg

HighLimit

**RPDLImit** Qual

Analyte Chloride

Result

ND

SPK value SPK Ref Vel MREC LowLimit

%RPD

Sample ID LCS-24065

SampType: ics

TeslCode: EPA Method 300.0: Anions RunNo: 32563

Cliant ID: LCSS Prep Date: 3/3/2016 Batch ID: 24005

SeqNo: 998303

Units: mg/Kg

Analyte

Analysis Date: 3/3/2016 Result

SPK value SPK Rel Val

%REC LowLimit HighLimit

**RPULink** 

14

15,00

PQL 1.5

Qual

Chloride

95.0

90

110

# Qualifiers:

Received by OCD: 10/25/2021 12:01:28 PM

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or unalysis exceeded
- Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range this to dilution or matrix
- Analyte detected in the associated Method Blank
- Value shave quantitation range
- Analyte detected below quantitation limits
- Sample pH Not in Range
- Reporting Detection Limit RI, Sample container temperature is not of limit as specified

Page 2 of 2



Half Engrapmental Analysis Labyristics 1901 Hawking M. Alboptergre SM-82109

11.1.: 205-349-3975 FAX 305-345-1107 Website was hallers transcassi com

# Sample Log-In Check List

Client Name Ye	os Peliodum Corpora	Work Order Number	10028	44			ReptNo. 1	
Received hyldate								
Logged By: A	alitoy Gallegos	2/26/2016 8:55:00 AM			A &			
Completed By: A	alitay Gallogos	2/26/2016 3:08:00 PM			5 A.			
Reviewed By	<b>T</b>	ozlillit			.,			
Chain of Custoo	v T	depute						
	tact on sample bottles?		Yes		No	(	Not Prosport	
2, is Chain of Cust			Yes	4	No	ί,	Not Present	
3. How was the am			Cour	91				
Log In								
4. Was an allemp	made to cool the sample	s7:	Yes	V	No		NA	
5 Were all sample	s received at a temperatu	ra of ∍0°C to 0 0°C	Yes	<b>Y</b>	Но		NA	
6. Sample(s) in pr	pper conteiner(s)?		Yes	¥	No	1		
7. Sufficient sampl	a valurno for indicated les	1(4)?	Yna	7	No	:		
8. Are samples (ex	copt VOA mid ONG) prot	eny preserved?	Y85	V	No	t i		
S. Was preservalin	e added to bottles?		Yes	-	No	<b>V</b>	NA I	
10.VOA vials havu	zero hondspace?		Yes	<u>_</u>	Ho	11	No VOA Vieto 🗸	
The State of the state of the	to containers received bro	nken?	Yes		Na	٧	# of preserved	
12 Does papeavor	match bottle labels?		Yes	V	No	1	botilos chocked for pH	
(Note disciopar	cles on chain of custody)	Maria de la composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición dela composición de la composición dela composición de		jirdi.	(See 1)		(<2 or >12 ∈ Adjusted?	uniosa noti
	rectly identified on Chain		Yes Yes		No No	1.	ras, inches	
	inalyses were requested?		Yes		No		Checked by.	
	) times oble to be met? (tomer for authorization.)		100	5 T. 1	Ų.			
Special Handlin	g (if applicable)							
TOPILL	ed of all discrepances w	th this order"	Yes		No	i	NA 🗸	
Person N	otified:	Data						
By Whon		Vin:	EM.	ail i	Phone	Fax	In Person	
Regardin								
Ckent Ins	the same of the sa							
17. Additional rem	arks							
18. Cooler Inform	intlon							
Cooler No	Temp C Condition	Saa' Intact   Seal No	Soal C	álò	Signed	Ву	_	
li .	3.2 Good	Yes						

Received by OCD: 10/25/2021 12:01:28 PM

TAL	ORY								(N)	10 /	<b>()</b> 61	oldduEl al∧			- 1		2 2		1		-		1	l ki
HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.pallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analy	SOS Soup	Cost Gia	9) I. 9, <sub>11</sub> (	191 88 (7.1) (1.1) (H)	/ 56 	od 8 bod hood hood (AC (AC (AC	BTEX + Mothor TPH (Melling (Melling (Melling (Phy Melling (F, 8081 Pest) 8081 Pest) (VC	*	×	×							Remarks: Chlonde Only	H H	other proceeding into convertion of this possibility. Any sub-contracted this will be a early addited on the small subsection to a early addited on the small subsection to a contract of the small subsection to a contract o
i unevargana Lime:	X Standard 🗆 Rush	Project Name:	Bryan ME #1	Project #	ZRP-3164	Project Manager.	Amber Griffin	PO#205-2020	Amber Griffin 1413	X Yes こ No	Sample Temperature: 3, 2	Container Preservativ HEAL No. X Type and # e Type //603844 #	- 402	1-402	•							Received by: Dans une Ra	Placewed by: Data Time	connected to other propedited laboratories. This serves as ricides of this pr
Chain-of-Custody Record	Client Yates Petroleum Corporation		Maling Address:	105 South 4th Street, Artesia, NM 88210	Phone #: 575-513-8799 or 575-748-4111	-ax#: aqriffin@varespetroleum.com		☐ Standard	ë	□ Other		Date Time Matrix Sample Request ID	22242016 8:40 Soil Bryan 1 - 16		8:56 Soll Bryan 1-20							Date: Time: Palmquishes by:		I necessary, somples submitted to Hall Environmental may be subsortedad to

From:

Patterson, Heather, EMNRD

To:

"Amber Griffin"; Bratcher, Mike, EMNRD

Subject:

RE: Bryan ME #1 (2RP-3164)

Date:

Wednesday, April 06, 2016 11:06:00 AM

RE: Yates Petroleum \* Bryan ME #1 \* 30-015-23097 \* 2RP-3164

# Amber,

Thank you for the vertical delineation at this location. Your work plan is approved with a few exceptions. For liner protection, the OCD would like a four foot excavation. Also, as it appears you may have discovered some historic contamination, the OCD requests sidewall confirmation samples at time of closure. These samples should display chloride levels at 800 mg/kg or less, and may be done with field screens if Yates prefers.

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.

Heather Patterson **Environmental Specialist** NMOCD District II Office (575)748-1283 ext,101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Heather/Mike,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP-3164).

Released to Imaging: 11/2/2021 1:57:19 PM

Should you have any questions or comments, please let me know.

Thank you,

# **Amber Griffin**

**Environmental Regulatory Agent** Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

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.

From:

Amber Griffin

Patterson, Heather, EMNRD: Bratcher, Mike, EMNRD To: Katie Parker, Bob Asher

Cc: Subject: Date:

RE: Bryan ME #1 (2RP-3164) Thursday, April 07, 2016 2:29:11 PM

Heather,

Yates' Management has considered your exceptions for the Bryan ME #1 work plan.

- 1-Yates agrees to excavate the area to a depth of 4' to ensure liner protection.
- 2 Yates agrees to complete sidewall sampling on three sidewalls (south, east and north walls) of the excavation. The 4th sidewall (west) is on the side of the historical drilling pit at the location. This pit would have been closed under the NMOCD requirements/standards that existed at that time, and we do not want to disturb a closed pit.

Thank you, Amber

From: Patterson, Heather, EMNRD [mallto:Heather.Patterson@state.nm.us]

Sent: Wednesday, April 06, 2016 11:07 AM To: Amber Griffin; Bratcher, Mike, EMNRD Subject: RE: Bryan ME #1 (2RP-3164)

RE: Yates Petroleum \* Bryan ME #1 \* 30-015-23097 \* 2RP-3164

Amber,

Thank you for the vertical delineation at this location. Your work plan is approved with a few exceptions. For liner protection, the OCD would like a four foot excavation. Also, as it appears you may have discovered some historic contamination, the OCD requests sidewall confirmation samples at time of closure. These samples should display chloride levels at 800 mg/kg or less, and may be done with field screens if Yates prefers,

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

Heather Patterson **Environmental Specialist** NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Received by OCD: 10/25/2021 12:01:28 PM

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Heather/Mike,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP-3164).

Should you have any questions or comments, please let me know.

Thank you,

# **Amber Griffin**

Environmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

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From:

Patterson, Heather, EMNRD

To:

"Amber Griffin"

Cc:

Katle Parker: Bob Asher; Bratcher, Mike, EMNRD

Subject: Date:

RE: Bryan ML #1 (2RP-3164) Monday, April 18, 2016 8:35:00 AM

# Amber.

Please go ahead and pull that west side sample for OCD review.

# Thank you,

Heather Patterson **Environmental Specialist** NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Sent: Thursday, April 07, 2016 2:29 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Cc: Katie Parker; Bob Asher

Subject: RE: Bryan ME #1 (2RP 3164)

Heather,

Yates' Management has considered your exceptions for the Bryan ME #1 work plan.

- 1 Yates agrees to excavate the area to a depth of 4' to ensure liner protection.
- 2 Yates agrees to complete sidewall sampling on three sidewalls (south, east and north walls) of the excavation. The 4th sidewall (west) is on the side of the historical drilling pit at the location. This pit would have been closed under the NMOCD requirements/standards that existed at that time, and we do not want to disturb a closed pit.

Thank you,

Amber

From: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]

Sent: Wednesday, April 06, 2016 11:07 AM To: Amber Griffin; Bratcher, Mike, EMNRD Subject: RE: Bryan ME #1 (2RP-3164)

RE: Yates Petroleum # Bryan ME #1 # 30-015-23097 \* 2RP-3164

# Amber,

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Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@vatespetroleum.com]

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

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Rivironmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

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From: Amber Griffin

To: Patterson, Heather, EMNRD

 Cq:
 Bob Asher; Katle Parker; Chase Settle

 Subject:
 FW: Bryon ME #1 (2RP-3164)

 Date:
 Thursday, June 23, 2016 0:57:36 AM

# Heather,

The Bryan ME #1 has been excavated to 4' below the surface level. As requested by NMOCD, Yates Petroleum has also field tested the sidewalls for chlorides.

The chloride testing results were:

- East Sidewall 564 ppm
- South Sidewall Non-Detect
- West Sidewall 3,792 ppm we tested out an additional 1'-2' and found that these levels decreased to 180 ppm.
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These chloride levels are not a result of the release that occurred at this site, but rather from a drilling pit on the location. Based off of the closure standards under Pit Rule 17, Yates Petroleum requests permission to backfill the excavation. No further excavation work will be completed, but Yates will install the 20 mil liner and backfill the location as previously approved by NMOCD.

Thank you, Amber Griffin

From: Patterson, Heather, EMNRD [mallto:Heather.Patterson@state.nm.us]

Sent: Wednesday, April 06, 2016 11:07 AM To: Amber Griffin; Bratcher, Mike, EMNRD Subject: RE: Bryan ME #1 (2RP-3164)

RE: Yales Petroleum \* Bryan ME #1 \* 30-015-23097 \* 2RP-3164

## Amber,

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Received by OCD: 10/25/2021 12:01:28 PM

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin | mailto: AGriffin@vatespetroleum:com |

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Heather/Mike,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP-3164).

Should you have any questions or comments, please let me know.

Thank you,

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From:

Patterson, Heather, EMNRO

To:

"Amber Griffin"

Cc: Subject: Date:

Bob Asher; Katie Parker; Chase Settle; Bratcher, Mike, EMNRO; Bayliss, Randoloh, EMNRO

RE: Bryan ME #1 (2RP-3164)

Thursday, July 07, 2016 9:19:00 AM

# Amber,

Please extend your excavation on the west side to remove contaminated soils, since this is not considered part of the pit. As for the north (pit) side, you have approval to backfill.

Please be advised that this RP may remain open until this area has achieved 70% plant cover (excluding noxious weeds). Leaving elevated chlorides in place may hinder that goal.

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Heather Patterson **Environmental Specialist** NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Sent: Thursday, June 23, 2016 8:58 AM

To: Patterson, Heather, EMNRD

Cc: Bob Asher; Katie Parker; Chase Settle Subject: FW: Bryan ME #1 (2RP-3164)

# Heather,

The Bryan ME #1 has been excavated to 4' below the surface level. As requested by NMOCD, Yates Petroleum has also field tested the sidewalls for chlorides.

The chloride testing results were:

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Thank you, Amber Griffin

From: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]

Sent: Wednesday, April 06, 2016 11:07 AM To: Amber Griffin; Bratcher, Mike, EMNRD Subject: RE: Bryan ME #1 (2RP-3164)

RE: Yates Petroleum \* Bryan ME #1 \* 30-015-23097 \* 2RP-3164

Amber,

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Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@vatespetroleum.com]

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Heather/Mlke,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP-3164).

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Should you have any questions or comments, please let me know.

Thank you,

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From:

Amber Griffin

To:

Patterson, Heather, EMNRD

Cc:

Katle Parker; Chase Settle; Bratcher, Mike, EMNRD; Bavilss, Randoloh, EMNRD

Subject: Date: RE: Bryan ME #1 (2RP-3164) Monday, July 11, 2016 9:58:19 AM

Heather,

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Yates requests that since the west sidewall falls within the historical pit location, and was not impacted by this current release, you reconsider our request to backfill with no further excavation to be conducted on the west sidewall. Attached are photographs which show evidence of the historical drilling pit material (white liner) in the west sidewall. I also went ahead and took a photograph of the north sidewall, also showing the same historical pit liner evidence. These pictures were taken on 7/7/2016.

IMG\_0687 - Dry hole marker showing I was at the Bryan ME #1 location.

IMG\_0688 - Looking north to the excavated area from by the dry hole marker.

IMG 0689 - Looking north while inside the excavation showing the liner in the north sidewall.

IMG 0690 - Looking west while inside the excavation showing the liner in the west sidewall.

Thank you,

Amber

From: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]

Sent: Thursday, July 07, 2016 9:20 AM

To: Amber Griffin

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Subject: RE: Bryan ME #1 (2RP-3164)

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From: Amber Griffin [mailto:AGriffin@vatespetroleum.com]

Sent: Thursday, June 23, 2016 8:58 AM

To: Patterson, Heather, EMNRD

Cc: Bob Asher; Katie Parker; Chase Settle Subject: FW: Bryan ME #1 (2RP-3164)

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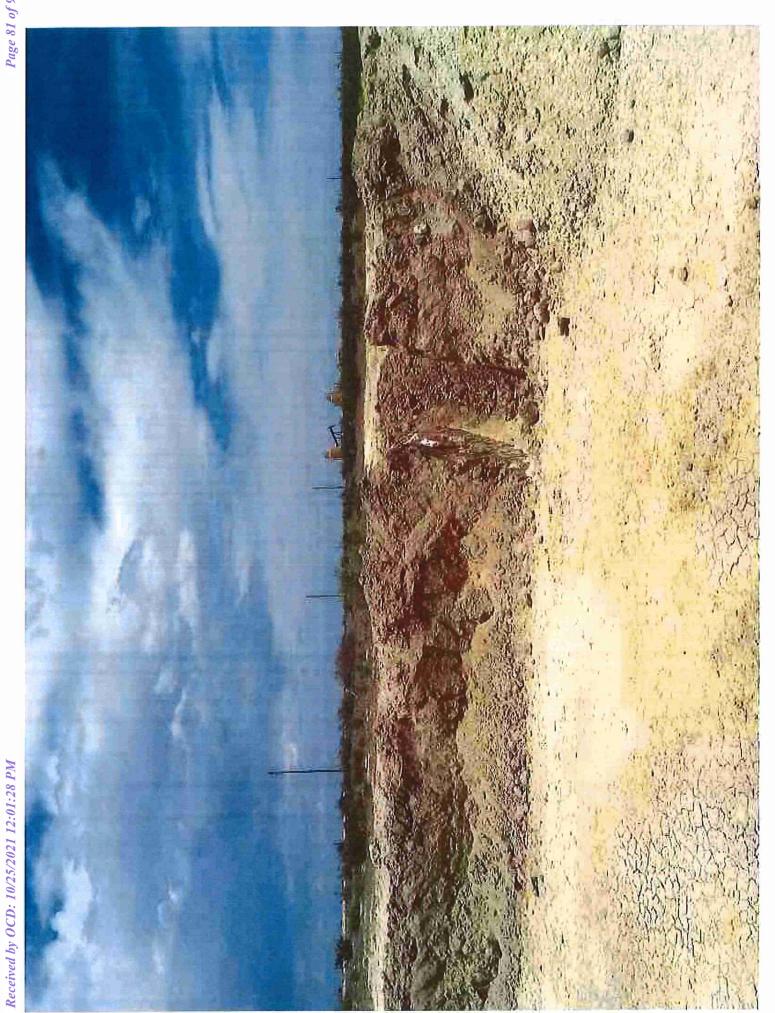
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From: Patterson, Heather, EMNRD

To: "Amber Griffin"

Cc: Katie Parker; Chase Settle; Bratcher, Mike, EMNRD; Bayliss, Randolph, EMNRD

Subject: RE: Biyan ME #1 (2RP-3164)

Date: Friday, July 15, 2016 7:11:00 AM

#### Amber,

After going back and reviewing emails I see that I had it backwards. I thought the pit was on the North side, but per your April 7<sup>th</sup> email, the pit is actually on the West side. Regardless, it appears that on both the north and the west sides the contamination cleans up within a few feet of your sidewalls. This appears to support the fact that this contamination is from the spill, not the pit. If you were going into the pit, your numbers should increase. But on both the West side and the North side your numbers significantly decrease as you moved outward.

That said, your pictures do seem to support some historical pit evidence. If Yates wants to use part 17 closure standards at this location (as requested in your June 23<sup>rd</sup> email), you may do so. But then I must use part 17 to close it, which does require plant growth and may drag this project on longer.

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Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Sent: Monday, July 11, 2016 9:56 AM

To: Patterson, Heather, EMNRD

Cc: Katie Parker; Chase Settle; Bratcher, Mlke, EMNRD; Bayliss, Randolph, EMNRD

Subject: RE: Bryan ME #1 (2RP-3164)

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Sent: Thursday, June 23, 2016 8:58 AM

To: Patterson, Heather, EMNRD

Cc: Bob Asher; Katle Parker; Chase Settle

**Heather Patterson** NMOCD District II

Subject: FW: Bryan ME #1 (2RP-3164)

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RE: Yates Petroleum \* Bryan ME #1 \* 30-015-23097 \* 2RP-3164

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**Environmental Specialist** 

### Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Heather/Mlke,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP-3164).

Should you have any questions or comments, please let me know.

Thank you,

## Amber Griffin

Environmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4111 Coll: (575) 513-8799

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Released to Imaging: 11/2/2021 1:57:19 PM

From:

Amber Griffin

To:

Patterson, Heather, EMNRD

Cc: Subject: Katle Parker; Bob Asher; Chase Settle; Bratcher, Mike, EMNRD; Bayliss, Randolph, EMNRD

Subject Date: RE: Bryan ME #1 (2RP-3164) Monday, July 18, 2016 1:28:26 PM

#### Heather,

Yates does want to use part 17 closures standards for this location because it is a drilling pit area. Yates will seed and monitor the location to achieve the 70% plant cover requirement stated in your July 7, 2016 email before requesting closure of this RP. Once we have met the re-vegetation requirement we will then submit a Final C-141 for this release area to NMOCD. Yates will move forward with backfill procedures of this open excavation.

Thank you, Amber

From: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]

Sent: Friday, July 15, 2016 7:13 AM

To: Amber Griffin

Cc: Katle Parker; Chase Settle; Bratcher, Mike, EMNRD; Bayliss, Randolph, EMNRD

Subject: RE: Bryan ME #1 (2RP-3164)

#### Amber,

After going back and reviewing emails I see that I had it backwards. I thought the pit was on the North side, but per your April 7<sup>th</sup> email, the pit is actually on the West side. Regardless, it appears that on both the north and the west sides the contamination cleans up within a few feet of your sidewalls. This appears to support the fact that this contamination is from the spill, not the pit. If you were going into the pit, your numbers should increase. But on both the West side and the North side your numbers significantly decrease as you moved outward.

That said, your pictures do seem to support some historical pit evidence. If Yates wants to use part 17 closure standards at this location (as requested in your June 23<sup>rd</sup> email), you may do so. But then I must use part 17 to close it, which does require plant growth and may drag this project on longer.

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.

Released to Imaging: 11/2/2021 1:57:19 PM

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

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228 From: Amber Griffin [mailto:AGriffin@vatespetroleum.com]

Sent: Monday, July 11, 2016 9:56 AM To: Patterson, Heather, EMNRD

Cc: Katle Parker; Chase Settle; Bratcher, Mike, EMNRD; Bayliss, Randolph, EMNRD

Subject: RE: Bryan ME #1 (2RP-3164)

Heather,

When this release occurred, contractors immediately bermed the release area to keep it from migrating horizontally. Yates made sure that during the excavation process we excavated outside of the bermed area to ensure that all soils contaminated by this release were excavated. The release occurred on top of the old drilling pit and the chlorides that Yates found on the west and north sidewalls are not a result of the release, but are a result of the historical drilling pit. There are multiple places near the release area where the old pit liner is visible, and that includes to the west and north of the current excavation.

Yates requests that since the west sidewall falls within the historical pit location, and was not impacted by this current release, you reconsider our request to backfill with no further excavation to be conducted on the west sidewall. Attached are photographs which show evidence of the historical drilling pit material (white liner) in the west sidewall. I also went ahead and took a photograph of the north sidewall, also showing the same historical pit liner evidence. These pictures were taken on 7/7/2016.

IMG 0687 - Dry hole marker showing I was at the Bryan ME #1 location.

IMG 0688 - Looking north to the excavated area from by the dry hole marker.

IMG 0689 - Looking north while inside the excavation showing the liner in the north sidewall.

IMG 0690 - Looking west while inside the excavation showing the liner in the west sidewall.

Thank you, Amber

From: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]

Sent: Thursday, July 07, 2016 9:20 AM

To: Amber Griffin

Cc: Bob Asher; Katie Parker; Chase Settle; Bratcher, Mike, EMNRD; Bayliss, Randolph, EMNRD

Subject: RE: Bryan ME #1 (2RP-3164)

Amber,

Received by OCD: 10/25/2021 12:01:28 PM

Please extend your excavation on the west side to remove contaminated soils, since this is not considered part of the pit. As for the north (pit) side, you have approval to backfill.

Please be advised that this RP may remain open until this area has achieved 70% plant cover (excluding noxious weeds). Leaving elevated chlorides in place may hinder that goal.

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.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yatespetroleum.com]

Sent: Thursday, June 23, 2016 8:58 AM

To: Patterson, Heather, EMNRD

Cc: Bob Asher; Katle Parker; Chase Settle Subject: FW: Bryan ME #1 (2RP-3164)

Heather,

The Bryan ME #1 has been excavated to 4' below the surface level. As requested by NMOCD, Yates Petroleum has also field tested the sidewalls for chlorides.

The chloride testing results were:

- East Sidewall 564 ppm
- South Sidewall Non-Detect
- West Sidewall 3,792 ppm we tested out an additional 1'-2' and found that these levels decreased to 180 ppm.
- North Sidewall 5,708 ppm we tested out an additional 3-4' and found that these levels decreased to 1,204 ppm.

These chloride levels are not a result of the release that occurred at this site, but rather from a drilling pit on the location. Based off of the closure standards under Pit Rule 17, Yates Petroleum requests permission to backfill the excavation. No further excavation work will be completed, but Yates will install the 20 mil liner and backfill the location as previously approved by NMOCD.

Thank you, Amber Griffin

From: Patterson, Heather, EMNRD [mailto:Heather.Patterson@state.nm.us]

Sent: Wednesday, April 05, 2016 11:07 AM To: Amber Griffin; Bratcher, Mike, EMNRD Subject: RE: Bryan ME #1 (2RP-3164)

RE: Yates Petroleum \* Bryan ME #1 \* 30-015-23097 \* 2RP-3164

Released to Imaging: 11/2/2021 1:57:19 PM

Released to Imaging: 11/2/2021 1:57:19 PM

#### Amber,

Thank you for the vertical delineation at this location. Your work plan is approved with a few exceptions. For liner protection, the OCD would like a four foot excavation. Also, as it appears you may have discovered some historic contamination, the OCD requests sidewall confirmation samples at time of closure. These samples should display chloride levels at 800 mg/kg or less, and may be done with field screens if Yates prefers.

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.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mallto:AGriffin@yatespetroleum.com]

Sent: Monday, April 04, 2016 3:27 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Heather/Mike,

Please find attached a work plan for the release that occurred at the Bryan ME #1 on July 11, 2015 (2RP-3164).

Should you have any questions or comments, please let me know.

Thank you,

Received by OCD: 10/25/2021 12:01:28 PM

# Amber Griffin

Environmental Regulatory Agent Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

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Released to Imaging: 11/2/2021 1:57:19 PM

From:

Amber Griffin

To:

Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD

Subject:

Uryan ME #1 (2RP-3164)

Date: Attachments: Monday, August 15, 2016 11:32:50 AM BryanMF1\_C141\_071115 Final.pdf

Mike/Heater,

Please find attached a Final C-141 for the release that occurred at the Bryan ME #1 on 7/11/2015. All work was completed as per the previously approved work plan.

Thank you,

## **Amber Griffin**

Environmental Representative Yales Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

From:

Date:

Patterson, Heather, EMNRD

To: Subject: "Amber Griffin"; Bratcher, Mike, EMNRO

RE: Bryan ME #1 (2RP-3164) Tuesday, August 16, 2016 1:58:00 PM

Thank you for the update.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Amber Griffin [mailto:AGriffin@yalespetroleum.com]

Sent: Monday, August 15, 2016 11:33 AM

To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD

Subject: Bryan ME #1 (2RP-3164)

Mike/Heater,

Please find attached a Final C-141 for the release that occurred at the Bryan ME #1 on 7/11/2015. All work was completed as per the previously approved work plan.

Thank you,

## **Amber Griffin**

Environmental Representative Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 B11 S. PHR AL, ARESIG, PART BOZIO District III 1600 Rto Brazes Rond, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Suntu Fc, 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 August 8, 2011

Released to Imaging: 11/2/2021 1:57:19 PM

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

			Rel	ease Notifi	catio	u and C	orrective A	etion				
						OPERA	TOR		Initia	al Report	$\boxtimes$	Final Repor
Name of Company Yates Petroleum Corporation						Contact Amber Griffin						
Address 104 S. 4 <sup>th</sup> Street						Telephone No.						
Facility Name						575-748-1471 Facility Type						
Bryan ME #1						Well						
Surface Owner Mineral Owner						1777777			Pl No	0.		
Fee Fee									30-015-23097			
						N OF RE	LEASE					
Unit Letter Scotion Township Range Feet from the 33 18S 26E 1650							West Line County West Eddy					
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				NAT	TURE	OF REL	EASE					
Type of Release Produced Water						Volume of 15 B/PW	1 1 1 1 1	Volume Recovered 10 B/PW				
Source of Release Well casing						Date and Hour of Occurrence Date and Hour of Discovery						
Was Immediate Notice Given?					emired	7/11/2015; AM 7/11/2015; AM  If YES, To Whom?  Mike Bintcher, Heather Patterson, & Randy Dado						
By Whom? Robert Asher/Yates Petroleum Corporation						Date and Hour 7/11/2015; 5:36 PM (Email)						
Was a Watercourse Reached?  ☐ Yes ☒ No						If YES, Volume Impacting the Watercourse.						
If a Watercon	irse was Im	pacted, Descr	ibe Fully.			<u> </u>						
		em and Reme				ara a area						
Describe Are	ole in the c	asing, causing and Cleanup /	g llie relea Antien Tel	so. Vacuum truck	(8) and (	roustabout cre	nvs were called,					
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cosing. Excav	inted solls v	vill be hauled	to a NMC	CD approved fac	ility. Ve	rtical and hor	Izontal delinentio	n samples w	ill be to	aken and and	lesis r	on for TPH
& BIEX (ch	ordes for t	locumentation	i). If initio	al analytical result	is for TP	H & BTEX	ro under RRAL's	(site runking	g is 10)	a Final Rep	ort, C-	141 will be
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>1000', SIT	RANKIN	G 18 10, Yn	tes Petrol	eum li submittin	g this F	inal C-141 to	NMOCD becau	se all excava	ation #	nd backfill	work I	kas bren
completed a	per the m	proved work	opian. Yn	tes understands	that the	s RP will ren	nain open until t	he site obtain	ns n 76	% venetati	on ero	with me
requested by	NMOCD.	Once the site	e reaches	the 70% vegetat	ive state	Vates will i	e-sund NMOCD	a second Fi	nul C-	141 to close	out th	ils release.
regulations of	Loperators	mommuon gi me required t	o report at	i is the and comp id/or file certain r	elease n	ne best of my	knowledge and u	nderstand the	at purs	unnt to NMC	CDn	iles and
public health	or the envir	conment. The	acceptant	c of a C-141 repo	ort by the	e NMOCD m	arked as "Final R	coort" does n	of reli	eve the onen	dor of	linbille
should their c	perations h	ave falled to	dequately	investigate and r	emediat	e contominati	on that pase a thr	ent to ground	water	surface wat	er lun	man boolth
federal, state.	nnent. In a or local lay	ddition, NMC vs and/or regu	IDD nacep Ilations	lunco of a C-141	report d	ocs not reliev	e the operator of i	responsibility	y for co	mpllance w	th eny	other
	0	M-					OIL CON	SERVAT	ION	DIVISIO	N	
Signature: anker Griffen												
Printed Name: Amber Griffin						Approved by Environmental Specialists						
Title: Enviror	mental Rep	presentative				Approval Det	pproval Data: Expiration D		Onte:			
E-mail Addre	ss: agriffin(	@yutespetrole	eum.com			Conditions of Approval:			Attached			
Date: August	15, 2016 lonal Shee	ts If Necess	ary	Phone: 575-748-4	111	2RP-3164				ac committee		

From:

Amber Griffin

To:

Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD

Subject:

Bryan ME #1 (2RP-3164)

Date: Attachments: Monday, August 15, 2016 11:32:50 AM BryonME1\_C141\_071115 Final.pdf

Mike/Heater,

Please find attached a Final C 141 for the release that occurred at the Bryan ME #1 on 7/11/2015. All work was completed as per the previously approved work plan.

Thank you,

## **Amber Griffin**

Bavironmental Representative Yates Petroleum Corporation Office: (575) 748-4111 Cell: (575) 513-8799

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

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

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

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

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

CONDITIONS

Action 57677

#### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	57677
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
bbillings	None	11/2/2021