

EOG Resources, Inc. Artesia Division Office 105 S. 4<sup>th</sup> Street Artesia, N. M. 88210

January 6, 2017

Mr. Mike Bratcher NMOCD District II 811 South First Artesia, NM 88210

RE:

Patriot #10 & Cutter Battery Section 21, T19S-R25E Eddy County, New Mexico

Mr. Bratcher,

EOG Y Resources, Inc. would like to submit the following plan of work to you regarding the release that occurred at the above mentioned facility on 11/17/2016 (2RP-4026). The release was 15 barrels of crude oil and 20 barrels of produced water with 14 barrels of crude oil and 20 barrels of produced water recovered.

With NMOCD approval of this work plan, EOG Y 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 EOG Y Management for review. Once EOG Y 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 email at <a href="mailto:amber\_griffin@eogresources.com">amber\_griffin@eogresources.com</a>.

Thank You,

Amber Griffin

Rep Safety & Environmental II

EOG Y Resources, Inc.

EOG Y Resources, Inc. – Artesia Division Office Patriot #10 & Cutter Battery Work Plan Section 21, T19S-R25E Eddy County, New Mexico January 6, 2017

### I. Location

The release is located approximately 13 miles south of Artesia, NM on Highway 285 and approximately 5.3 miles west of Highway 285 on Rocking R Red Road. The location is approximately 0.4 miles south of Rocking R Red Road on a lease road.

### II. Background

On November 17, 2016 an oil tank overflowed when a knockout water dump plugged and sent produced water to the oil tank. 15 barrels of crude oil, 20 barrels of produced water were released and 14 barrels of crude oil, 20 barrels of produced water were recovered. An initial Form C-141 was submitted, via e-mail, to the NMOCD District II on December 1, 2016.

On November 29, 2016 EOG Y personnel returned to the site and collected soil samples from the release area with a backhoe at depths of 1', 2', 3', 4', 6', 8' and 10' below the surface level. The soil samples were sent to an approved NMOCD laboratory and tested for BTEX 8021B, TPH 8015M and Chlorides 300.0. EOG Y received the analytical results on December 9, 2016 (Report 1612086 attached to this work plan). Analytical results showed that TPH and BTEX were both above NMOCD RRALs for a site ranking of zero (0). Chlorides at the site were at non-detectable levels.

On December 27, 2016 EOG Y personnel returned to the site and collected soil samples from the release area with a trackhoe at depths of 12', 14', 16' and 18' below the surface level. The soil samples were sent to an approved NMOCD laboratory and tested for BTEX 8021B and TPH 8015M. EOG Y received the analytical results on January 5, 2017 (Report 1612E59 attached to this work plan). Analytical results showed that both TPH and BTEX were below NMOCD RRALS for a site ranking of zero (0).

### III. Surface and Ground Water

Area surface geology is Cenozoic. Groundwater records listed on NMOSE shows depth to groundwater to be approximately 130 feet making the site ranking for this site a zero (0). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the as following:

Depth to ground water >100'
Wellhead Protection Area >1000'
Distance to surface water body >1000'

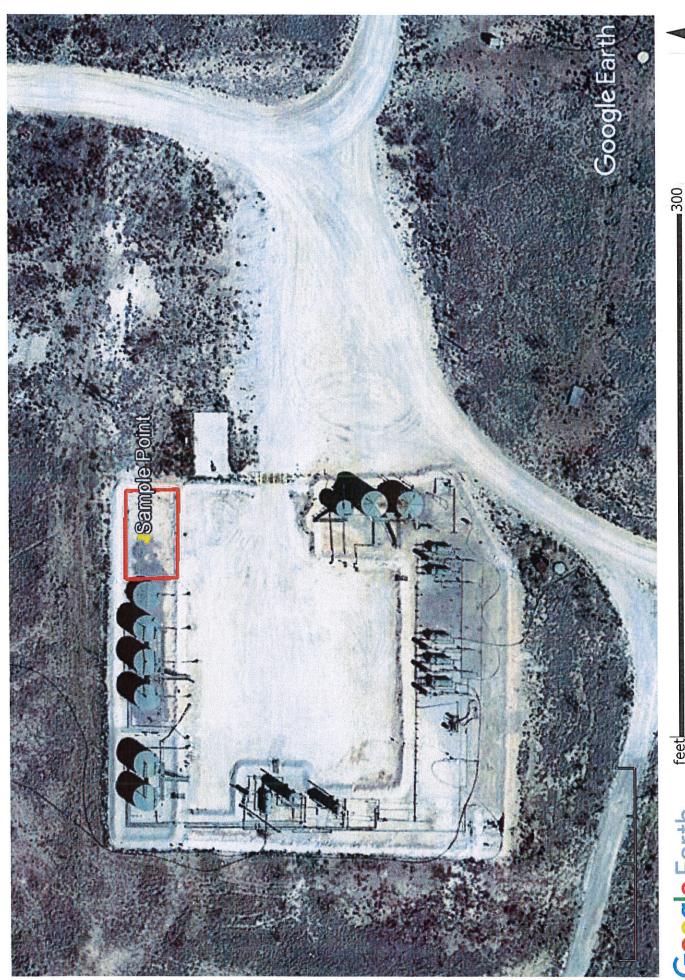
### IV. Soils

The area consists of native soil, interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

### V. Scope of Work

Based on analytical results which show complete delineation, EOG Y proposes to excavate the release area (approximately 35' x 55') to 12' below the surface level. The excavated soils will be hauled to a NMOCD approved facility. The excavation will be backfilled with caliche.

A Final C-141 will be submitted to NMOCD once all work has been completed.



100

feet

Patriot #10 & Cutter Battery

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<b>AUD</b> IO STATUTONI	Sample Area	Sample Date Anal	Analytical Report	Sample Type	Depth	Ф	-	ш	×	BTEX GRO	GRO	DRO	DRO TOTAL	Chloride
Surface	Release Area	11/29/2016	1612086	Grab/Backhoe	Surface	62	400	300	340	1102	5,000	5,000 19,000 24,000	24,000	ND
+	Release Area	11/29/2016	1612086	Grab/Backhoe	1' BSL	100	390	210	230	930	3,700	3,700 11,000 14,700	14,700	Q
2.	Release Area	11/29/2016	1612086	Grab/Backhoe	2' BSL	36	150	88	66	373	1,600	4,000	5,600	Q
3,	Release Area	11/29/2016	1612086	Grab/Backhoe	3' BSL	61	210	110	120	501	2,200	4,700	006'9	Q
.4	Release Area	11/29/2016	1612086	Grab/Backhoe	4' BSL	44	180	100	120	444	2,100	4,900	7,000	ND
.9	Release Area	11/29/2016	1612086	Grab/Backhoe	6' BSL	47	180	86	110	435	2,000	4,200	6,200	Q
<b>8</b>	Release Area	11/29/2016	1612086	Grab/Backhoe	8' BSL	97	370	190	220	877	4,500	7,000	11,500	ND
10.	Release Area	11/29/2016	1612086	Grab/Backhoe	10' BSL	74	240	120	140	574	2,700	4,700	7,400	ND
12.	Release Area	12/27/2016	1612E59	Grab/Backhoe	12' BSL	Q	Q	Q	N	QN	Q	Q	ND	
14.	Release Area	12/27/2016	1612E59	Grab/Backhoe	14' BSL	9	Q	Q	R	Q	Q	Q	Q	
16'	Release Area	12/27/2016	1612E59	Grab/Backhoe	16' BSL	Q	Q	N	N	QN	ND	N	QN	
18,	Release Area	12/27/2016	1612E59	Grab/Backhoe	18. BSL	9	Q	Q	Q	QN	Q	Q	QN	
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The state of the s													

Site Ranking is ZERO (0). Depth to Ground Water >100' (approx. 130', per NMOSE 22-19S-25E). All results are ppm. Released: 15 B/O, 20 B/PW; Recovered: 14 B/O, 20 B/PW. Release Date: 11/17/16. 2RP-4026



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

OrderNo.: 1612086

December 09, 2016

Amber Griffin Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210

TEL: (575) 748-4111

**FAX** 

RE: Cutter/Patriot/Rodke Battery

### Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 8 sample(s) on 12/2/2016 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

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Project: Cutter/Patriot/Rodke Battery

**Lab ID:** 1612086-001

Client Sample ID: Surface

Collection Date: 11/29/2016 1:10:00 PM

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS			ar (Oran San Incasa (Co.			Analyst:	LGT
Chloride	ND	30		mg/Kg	20	12/6/2016 2:51:18 PM	29019
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	s				Analyst:	том
Diesel Range Organics (DRO)	19000	490		mg/Kg	50	12/7/2016 7:09:04 PM	28990
Surr: DNOP	0	70-130	S	%Rec	50	12/7/2016 7:09:04 PM	28990
EPA METHOD 8015D: GASOLINE RAN	<b>IGE</b>					Analyst:	NSB
Gasoline Range Organics (GRO)	5000	240		mg/Kg	50	12/5/2016 12:40:08 PM	28975
Surr: BFB	316	68.3-144	S	%Rec	50	12/5/2016 12:40:08 PM	28975
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	4.8		mg/Kg	50	12/5/2016 12:40:08 PM	28975
Benzene	62	1.2		mg/Kg	50	12/5/2016 12:40:08 PM	28975
Toluene	400	9.5		mg/Kg	200	12/5/2016 3:26:32 PM	28975
Ethylbenzene	300	9.5		mg/Kg	200	12/5/2016 3:26:32 PM	28975
Xylenes, Total	340	4.8		mg/Kg	50	12/5/2016 12:40:08 PM	28975
Surr: 4-Bromofluorobenzene	162	80-120	S	%Rec	50	12/5/2016 12:40:08 PM	28975

Matrix: SOIL

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Client Sample ID: 1'

Project: Cutter/Patriot/Rodke Battery

Collection Date: 11/29/2016 1:11:00 PM

Lab ID: 1612086-002

Matrix: SOIL

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF Date Analyzed Batch
EPA METHOD 300.0: ANIONS			Walled Andrews		Analyst: LGT
Chloride	ND	30		mg/Kg	20 12/6/2016 3:28:31 PM 29019
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst: TOM
Diesel Range Organics (DRO)	11000	500		mg/Kg	50 12/8/2016 9:40:53 PM 28990
Surr: DNOP	0	70-130	S	%Rec	50 12/8/2016 9:40:53 PM 28990
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst: NSB
Gasoline Range Organics (GRO)	3700	470		mg/Kg	100 12/5/2016 1:03:51 PM 28975
Surr: BFB	139	68.3-144		%Rec	100 12/5/2016 1:03:51 PM 28975
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	9.5		mg/Kg	100 12/5/2016 1:03:51 PM 28975
Benzene	100	2.4		mg/Kg	100 12/5/2016 1:03:51 PM 28975
Toluene	390	4.7		mg/Kg	100 12/5/2016 1:03:51 PM 28975
Ethylbenzene	210	4.7		mg/Kg	100 12/5/2016 1:03:51 PM 28975
Xylenes, Total	230	9.5		mg/Kg	100 12/5/2016 1:03:51 PM 28975
Surr: 4-Bromofluorobenzene	127	80-120	s	%Rec	100 12/5/2016 1:03:51 PM 28975

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Project: Cutter/Patriot/Rodke Battery

Lab ID: 1612086-003

on Client Sample ID: 2'

Matrix: SOIL

Collection Date: 11/29/2016 1:13:00 PM

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL (	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: <b>LGT</b>
Chloride	ND	30		mg/Kg	20	12/6/2016 3:40:55 PM	29019
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS	6				Analys	t: <b>TOM</b>
Diesel Range Organics (DRO)	4000	99		mg/Kg	10	12/6/2016 5:41:58 PM	28990
Surr: DNOP	0	70-130	S	%Rec	10	12/6/2016 5:41:58 PM	28990
EPA METHOD 8015D: GASOLINE R	ANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	1600	230		mg/Kg	50	12/5/2016 1:27:34 PM	28975
Surr: BFB	143	68.3-144		%Rec	50	12/5/2016 1:27:34 PM	28975
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	4.7		mg/Kg	50	12/5/2016 1:27:34 PM	28975
Benzene	36	1.2		mg/Kg	50	12/5/2016 1:27:34 PM	28975
Toluene	150	2.3		mg/Kg	50	12/5/2016 1:27:34 PM	28975
Ethylbenzene	88	2.3		mg/Kg	50	12/5/2016 1:27:34 PM	28975
Xylenes, Total	99	4.7		mg/Kg	50	12/5/2016 1:27:34 PM	28975
Surr: 4-Bromofluorobenzene	124	80-120	S	%Rec	. 50	12/5/2016 1:27:34 PM	28975

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Project: Cutter/Patriot/Rodke Battery

Lab ID: 1612086-004

Client Sample ID: 3'

Collection Date: 11/29/2016 1:15:00 PM

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: LGT
Chloride	ND	30		mg/Kg	20	12/6/2016 4:18:09 PM	29019
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS	3				Analyst	: TOM
Diesel Range Organics (DRO)	4700	95		mg/Kg	10	12/6/2016 6:25:08 PM	28990
Surr: DNOP	0	70-130	S	%Rec	10	12/6/2016 6:25:08 PM	28990
EPA METHOD 8015D: GASOLINE R	ANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	2200	240		mg/Kg	50	12/5/2016 1:51:15 PM	28975
Surr: BFB	149	68.3-144	S	%Rec	50	12/5/2016 1:51:15 PM	28975
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	4.8		mg/Kg	50	12/5/2016 1:51:15 PM	28975
Benzene	61	1.2		mg/Kg	50	12/5/2016 1:51:15 PM	28975
Toluene	210	2.4		mg/Kg	50	12/5/2016 1:51:15 PM	28975
Ethylbenzene	110	2.4		mg/Kg	50	12/5/2016 1:51:15 PM	28975
Xylenes, Total	120	4.8		mg/Kg	50	12/5/2016 1:51:15 PM	28975
Surr: 4-Bromofluorobenzene	126	80-120	S	%Rec	50	12/5/2016 1:51:15 PM	28975

Matrix: SOIL

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

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Client Sample ID: 4'

Project: Cutter/Patriot/Rodke Battery

**Collection Date:** 11/29/2016 1:17:00 PM

Lab ID: 1612086-005

Matrix: SOIL Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	: LGT
Chloride	ND	30		mg/Kg	20	12/6/2016 4:30:34 PM	29019
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S				Analys	t: TOM
Diesel Range Organics (DRO)	4900	98		mg/Kg	10	12/6/2016 7:08:17 PM	28990
Surr: DNOP	0	70-130	S	%Rec	10	12/6/2016 7:08:17 PM	28990
EPA METHOD 8015D: GASOLINE RAI	NGE					Analys	t: NSB
Gasoline Range Organics (GRO)	2100	240		mg/Kg	50	12/5/2016 3:50:22 PM	28975
Surr: BFB	155	68.3-144	S	%Rec	50	12/5/2016 3:50:22 PM	28975
<b>EPA METHOD 8021B: VOLATILES</b>						Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	4.8		mg/Kg	50	12/5/2016 3:50:22 PM	28975
Benzene	44	1.2		mg/Kg	50	12/5/2016 3:50:22 PM	28975
Toluene	180	2.4		mg/Kg	50	12/5/2016 3:50:22 PM	28975
Ethylbenzene	100	2.4		mg/Kg	50	12/5/2016 3:50:22 PM	28975
Xylenes, Total	120	4.8		mg/Kg	50	12/5/2016 3:50:22 PM	28975
Surr: 4-Bromofluorobenzene	129	80-120	S	%Rec	50	12/5/2016 3:50:22 PM	28975

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 5 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Project: Cutter/Patriot/Rodke Battery

**Lab ID:** 1612086-006

Client Sample ID: 6'

Collection Date: 11/29/2016 1:20:00 PM

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL (	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: LGT
Chloride	ND	30		mg/Kg	20	12/6/2016 4:42:58 PM	29019
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	s				Analyst	: TOM
Diesel Range Organics (DRO)	4200	91		mg/Kg	10	12/6/2016 7:51:51 PM	28990
Surr: DNOP	0	70-130	S	%Rec	10	12/6/2016 7:51:51 PM	28990
EPA METHOD 8015D: GASOLINE RAN	NGE					Analys	: NSB
Gasoline Range Organics (GRO)	2000	240		mg/Kg	50	12/5/2016 4:14:06 PM	28975
Surr: BFB	149	68.3-144	S	%Rec	50	12/5/2016 4:14:06 PM	28975
<b>EPA METHOD 8021B: VOLATILES</b>						Analys	: NSB
Methyl tert-butyl ether (MTBE)	ND	4.7		mg/Kg	50	12/5/2016 4:14:06 PM	28975
Benzene	47	1.2		mg/Kg	50	12/5/2016 4:14:06 PM	28975
Toluene	180	2.4		mg/Kg	50	12/5/2016 4:14:06 PM	28975
Ethylbenzene	98	2.4		mg/Kg	50	12/5/2016 4:14:06 PM	28975
Xylenes, Total	110	4.7		mg/Kg	50	12/5/2016 4:14:06 PM	28975
Surr: 4-Bromofluorobenzene	126	80-120	S	%Rec	50	12/5/2016 4:14:06 PM	28975

Matrix: SOIL

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 6 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612086

Date Reported: 12/9/2016

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Project: Cutter/Patriot/Rodke Battery

Lab ID: 1612086-007

Client Sample ID: 8'

Collection Date: 11/29/2016 1:25:00 PM

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					n sa masawani	Analyst	:: LGT
Chloride	ND	30		mg/Kg	20	12/6/2016 4:55:23 PM	29019
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANIC	s				Analys	: TOM
Diesel Range Organics (DRO)	7000	100		mg/Kg	10	12/6/2016 8:35:01 PM	28990
Surr: DNOP	0	70-130	S	%Rec	10	12/6/2016 8:35:01 PM	28990
EPA METHOD 8015D: GASOLINE RAN	IGE					Analys	: NSB
Gasoline Range Organics (GRO)	4500	240		mg/Kg	50	12/5/2016 4:37:50 PM	28975
Surr: BFB	232	68.3-144	S	%Rec	50	12/5/2016 4:37:50 PM	28975
EPA METHOD 8021B: VOLATILES						Analys	: NSB
Methyl tert-butyl ether (MTBE)	ND	4.8		mg/Kg	50	12/5/2016 4:37:50 PM	28975
Benzene	97	1.2		mg/Kg	50	12/5/2016 4:37:50 PM	28975
Toluene	370	9.7		mg/Kg	200	12/7/2016 2:08:11 PM	28975
Ethylbenzene	190	2.4		mg/Kg	50	12/5/2016 4:37:50 PM	28975
Xylenes, Total	220	4.8		mg/Kg	50	12/5/2016 4:37:50 PM	28975
Surr: 4-Bromofluorobenzene	145	80-120	s	%Rec	50	12/5/2016 4:37:50 PM	28975

Matrix: SOIL

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

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 7 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612086

Date Reported: 12/9/2016

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Yates Petroleum Corporation

Project: Cutter/Patriot/Rodke Battery

Lab ID: 1612086-008 Client Sample ID: 10'

Collection Date: 11/29/2016 1:30:00 PM

Received Date: 12/2/2016 9:15:00 AM

Analyses	Result	PQL (	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: LGT
Chloride	ND	30		mg/Kg	20	12/6/2016 5:07:48 PM	29019
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANICS	6				Analys	t: TOM
Diesel Range Organics (DRO)	4700	95		mg/Kg	10	12/6/2016 9:18:01 PM	28990
Surr: DNOP	0	70-130	S	%Rec	10	12/6/2016 9:18:01 PM	28990
EPA METHOD 8015D: GASOLINE RA	ANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	2700	240		mg/Kg	50	12/5/2016 5:01:30 PM	28975
Surr: BFB	162	68.3-144	S	%Rec	50	12/5/2016 5:01:30 PM	28975
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	4.8		mg/Kg	50	12/5/2016 5:01:30 PM	28975
Benzene	74	1.2		mg/Kg	50	12/5/2016 5:01:30 PM	28975
Toluene	240	9.7		mg/Kg	200	12/7/2016 4:29:44 PM	28975
Ethylbenzene	120	2.4		mg/Kg	50	12/5/2016 5:01:30 PM	28975
Xylenes, Total	140	4.8		mg/Kg	50	12/5/2016 5:01:30 PM	28975
Surr: 4-Bromofluorobenzene	129	80-120	S	%Rec	50	12/5/2016 5:01:30 PM	28975

Matrix: SOIL

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 8 of 12
- Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1612086

09-Dec-16

Client:

Yates Petroleum Corporation

Project:

Cutter/Patriot/Rodke Battery

Sample ID MB-29019

SampType: MBLK

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

LowLimit

Client ID:

PBS

Batch ID: 29019

RunNo: 39203

Prep Date:

12/6/2016

Analysis Date: 12/6/2016

SeqNo: 1226607

Units: mg/Kg

**RPDLimit** 

Qual

Analyte Chloride

Result **PQL** 1.5

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

Sample ID LCS-29019

SampType: LCS

Batch ID: 29019

PQL

1.5

RunNo: 39203

Prep Date: 12/6/2016

LCSS

Analysis Date: 12/6/2016

SeqNo: 1226608

Units: mg/Kg

HighLimit

%RPD **RPDLimit** 

Qual

Analyte

Client ID:

Result

ND

15.00

0

%REC 93.1

90

Chloride

14

SPK value SPK Ref Val

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 9 of 12

P Sample pH Not In Range

RLReporting Detection Limit

W Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1612086

09-Dec-16

Client:

Yates Petroleum Corporation

9.6

10.00

Project:	Cutte	er/Patriot/Rodke E	Battery							
Sample ID	LCS-28990	SampType	e: LCS	Test	Code: EP	A Method	8015M/D: Die	sel Range	Organics	
Client ID:	LCSS	Batch ID	28990	R	tunNo: 39	168				
Prep Date:	12/5/2016	Analysis Date	e: 12/6/2016	S	eqNo: 12	26377	Units: mg/K	g		
Analyte		Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range O	rganics (DRO)	50	10 50.00	0	101	62.6	124			***************************************
Surr: DNOP		4.7	5.000		93.1	70	130			
Sample ID	MB-28990	SampType	e: MBLK	Tes	Code: EP	A Method	8015M/D: Die	sel Rang	e Organics	
Client ID:	PBS	Batch ID	28990	R	RunNo: <b>39</b>	168				
Prep Date:	12/5/2016	Analysis Date	e: 12/6/2016	S	SeqNo: 12	226378	Units: mg/K	g		
Analyte		Result F	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	rganics (DRO)	ND	10			111/2/2014				
Surr: DNOP		8.9	10.00		88.9	70	130			
Sample ID	LCS-29058	SampType	e: LCS	Tes	tCode: EP	A Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	LCSS	Batch ID	29058	F	RunNo: 39	9238				
Prep Date:	12/7/2016	Analysis Date	e: 12/8/2016	8	SeqNo: 12	228615	Units: %Re	С		
Analyte		Result F	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	<b>RPDLimit</b>	Qual
Surr: DNOP		4.3	5.000		86.2	70	130			
Sample ID	MB-29058	SampType	e: MBLK	Tes	tCode: EP	A Method	8015M/D: Die	esel Rang	e Organics	
Client ID:	PBS	Batch ID	29058	F	RunNo: 39	9238				
Prep Date:	12/7/2016	Analysis Date	e: <b>12/8/2016</b>	8	SeqNo: 12	228616	Units: %Re	С		
Analyte		Result F	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

### Qualifiers:

Surr: DNOP

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

70

96.0

130

E Value above quantitation range

Analyte detected below quantitation limits

Page 10 of 12

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

### Hall Environmental Analysis Laboratory, Inc.

WO#:

1612086

09-Dec-16

Client:

Yates Petroleum Corporation

Project:

Cutter/Patriot/Rodke Battery

Sample ID MB-28975 Client ID: PBS

SampType: MBLK Batch ID: 28975

PQL

5.0

TestCode: EPA Method 8015D: Gasoline Range RunNo: 39140

%REC

Prep Date: 12/2/2016

Analysis Date: 12/5/2016

SeqNo: 1224951

Units: mg/Kg

HighLimit %RPD

Analyte Gasoline Range Organics (GRO) Surr: BFB

ND 810

21

Result

1000

SPK value SPK Ref Val

SPK value SPK Ref Val

80.7

68.3

**RPDLimit** 

Qual

Sample ID LCS-28975

SampType: LCS

25.00

1000

144 TestCode: EPA Method 8015D: Gasoline Range

LCSS Client ID:

Batch ID: 28975

RunNo: 39140

LowLimit

74.6

68.3

LowLimit

123

144

HighLimit

Analyte

Sample ID MB-29014

**PBS** 

12/2/2016 Analysis Date: 12/5/2016 Result PQL

SeqNo: 1224952 Units: mg/Kg

%RPD **RPDLimit** 

Qual

Gasoline Range Organics (GRO) Surr: BFB

Prep Date:

860

SampType: MBLK Batch ID: 29014

5.0

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 39220

%REC

85.0

86.5

Client ID: Prep Date:

Analysis Date: 12/7/2016

SeqNo: 1227407

Units: %Rec

Analyte Surr: BFB

Result PQL

SPK value SPK Ref Val %REC 1000 83.6

LowLimit HighLimit 144 %RPD **RPDLimit** 

Qual

Sample ID LCS-29014

LCSS

SampType: LCS Batch ID: 29014 TestCode: EPA Method 8015D: Gasoline Range

RunNo: 39220

HighLimit

Client ID:

Prep Date: 12/6/2016

12/6/2016

Analysis Date: 12/7/2016

SeqNo: 1227408

Units: %Rec

144

**RPDLimit** 

Analyte Surr: BFB Result

SPK value SPK Ref Val

%REC LowLimit 92.3

68.3

920

840

1000

%RPD

Qual

Qualifiers:

S

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

В Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits J

Page 11 of 12

P Sample pH Not In Range

RLReporting Detection Limit

W Sample container temperature is out of limit as specified

Client:

### Hall Environmental Analysis Laboratory, Inc.

Yates Petroleum Corporation

WO#:

1612086

09-Dec-16

Cutter/Patriot/Rodke Battery Project: Sample ID MB-28975 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: **PBS** Batch ID: 28975 RunNo: 39140 Prep Date: 12/2/2016 Analysis Date: 12/5/2016 SeqNo: 1224968 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Methyl tert-butyl ether (MTBE) ND 0.10 Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 0.94 1.000 93.7 80 120 Sample ID LCS-28975 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 28975 RunNo: 39140 Units: mg/Kg Prep Date: 12/2/2016 Analysis Date: 12/5/2016 SeqNo: 1224969 Analyte PQL SPK value SPK Ref Val %REC Result LowLimit HighLimit %RPD **RPDLimit** Qual Methyl tert-butyl ether (MTBE) 0.10 1.000 0 112 65.7 116 Benzene 0.025 1.000 0 108 75.2 1.1 115 Toluene 0.99 0.050 1.000 0 99.1 80.7 112 Ethylbenzene 0.95 0.050 1.000 0 95.5 78.9 117 Xylenes, Total 2.8 0.10 3.000 0 94.6 79.2 115 Surr: 4-Bromofluorobenzene 1.000 99.9 80 120

Sample ID MB-29014	Samp Type: N	<b>NBLK</b>	resi	Code: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch ID: 2	9014	R	RunNo: 3	9220				
Prep Date: 12/6/2016	Analysis Date:	12/7/2016	S	SeqNo: 1	227432	Units: %Re	C		
Analyte	Result PQL	. SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91	1.000		90.7	80	120			

Sample ID LCS-29014	SampType:	LCS	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch ID:	29014	F	RunNo: 3	9220				
Prep Date: 12/6/2016	Analysis Date:	12/7/2016	8	SeqNo: 1	227433	Units: %Red	;		
Analyte	Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	<b>RPDLimit</b>	Qual
Surr: 4-Bromofluorobenzene	0.97	1.000		97.3	80	120			

#### Qualifiers:

Commis ID AND 00044

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 12 of 12

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



Hall Environmental Analysis Laboratory 4901 Hawkins Nt. Albuquerque, NM 87109

## Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com Work Order Number: 1612086 RcptNo: 1 **EOG/Yates** Client Name: Received by/date: 12/2/2016 9:15:00 AM Logged By: **Ashley Gallegos** 12/2/2016 12:22:25 PM Completed By: **Ashley Gallegos** 12/02/14 Reviewed By: TO Chain of Custody Not Present ✓ Yes No 1. Custody seals intact on sample bottles? **Not Present** No 2. Is Chain of Custody complete? Yes ✓ 3. How was the sample delivered? Courier Log In 4. Was an attempt made to cool the samples? No NA Yes V 5. Were all samples received at a temperature of >0° C to 6.0°C No NA · No 6. Sample(s) in proper container(s)? No 7. Sufficient sample volume for indicated test(s)? No 8. Are samples (except VOA and ONG) properly preserved? NA No V 9. Was preservative added to bottles? Yes No : No VOA Vials V Yes 10. VOA vials have zero headspace? No . 11. Were any sample containers received broken? Yes # of preserved bottles checked for pH: 12. Does paperwork match bottle labels? No Yes (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 13. Are matrices correctly identified on Chain of Custody? No 14. Is it clear what analyses were requested? Checked by: No 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 16. Was client notified of all discrepancies with this order? No NA V Yes Person Notified: Date Fax : In Person By Whom: Via: **eMail** Phone Regarding:

17. Additional remarks:

Client Instructions:

18. Cooler Information

COOLER HITOTI							
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By	1
1	2.8	Good	Yes				1

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request
ו חווו-אומחות ווווופ.	X Standard C Rush	Project Name:	Cutter/Patriot/Rodke Battery	Project #:	11/17/16 Release
Chain-of-Custody Record	ont: EOG Y Resources, Inc.		illing Address:	OF CREATE CALCULATION OF THE PARTY OF THE PA	D SOUTH 4th Street Allesia, in South Street

					Contract	-	-				Arcivs of Acquest	STORY OF		
ione #:	57.	5-513-	575-513-8799 or 575-748-4111		TITITO Release	lease			-	-			-	11/100
nail or Fax#:		amber or	ariffin@eogresources.com	Project Manager							JS '	NAME OF TAXABLE PARTY.		0001
VOC Package	ä				Amber Griffin	iffin		-		and the second	Od.		STATE SHARE STATE	
Stancard			Level 4 (Full Validation)		2024	770	-	map of the Park	MARKING THE	oo ignore	Uľ	ocurre-		
creditation:				Sampler:	Am	Amber Griffin ナレ	and the same	acoustrans	(C) (A) (FILE)	-	N "		•	
n v iu×	L	Other		On Ice:	Ø Yes	O.No	MODEL PROPERTY.	RCH-COT-		-	-			
EDD (Type)				Sample Temp	perature: 7	8					-	-		
Date	O En	Matrix	Sample Request ID	Container Type and #	Preservativ e Type	HEAL NO.	M + X3T8 M + X3T8	M F A STE	lloM) HQT	EDB (Well	RCRA 8 IA (F) snoinA	2081 Pes	V) E08SB	neč) (Srs
1739/18	13:10 Soil	4000	Surface	1 - 40z.	ce	100 -	×	×			$\hat{\parallel}$	×		
	13:11 Soll	=	******	1 - 4oz.	lce	88	×	×				×	ANCOPPING	
	13:13 Soil	a constantion	7.	1 - 402.	lce	-003	×	×	1			×		Weekland and
	13:15 Soil	75	හි	1 - 402.	<u>8</u>	t-00-	×	×	AD AND DESCRIPTION OF THE	ala karanga da karang		×		
1	13:17 Soil	=	4.	1 - 402.	90	1995:	×	×		-		×		and the second s
	13:20 Soil	75	<u>ن</u>	1 - 402.	90	90°C	×	×	1	-		×		SECONOMIC PROPERTY OF THE SECONOMIC PROPERTY
	13:25 Soil	医	60	1 - 4cz.	Se Se	-001	×	×		ACMINES (OR		×	1	2010
	13:30 Soil	75	10.	1 - 4cz.	<u>Se</u>	-008	×	×				×	$\dagger$	
	and the state of							aliatotico es		+		-	1	
										-				LACORDO DE
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				Det 12						-	1	-		
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whomelow							MORIOTAL MAL				KATANIA PER			100,000
Country ( ) Color	economical de la constantina della constantina d			c	*		onenco.							Manager 1
E CONTROL	S. Time:	Reimquished by:	ed by.	Received by:	N N	07./16 0975	Remarks:	TKS: S 3S T	TPH: ng/kg	Anio	Remarks: TPH: 8015B, BTEX: 8021B. Fresults as mg/kg. Anions: Chloride only.	X: 80%	1de only.	Please show BIEX Analytical results
	40 DOLLINGSHIPS HOW	Relinquished by:	1	Received by:		Date Time								
a plat engliste.	***************************************										-			

finecessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any



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

OrderNo.: 1612E59

January 05, 2017

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

FAX

RE: Cutter/Patriot/Rodke Battery

Dear Amber Griffin:

Hall Environmental Analysis Laboratory received 4 sample(s) on 12/29/2016 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

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

### Lab Order 1612E59

Date Reported: 1/5/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG Resources** 

Client Sample ID: 12'

Cutter/Patriot/Rodke Battery Project:

Collection Date: 12/27/2016 9:49:00 AM

Lab ID:

1612E59-001

Matrix: SOIL

Received Date: 12/29/2016 9:15:00 AM

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	1/4/2017 1:21:02 PM	29491
Surr: DNOP	109	70-130	%Rec	1	1/4/2017 1:21:02 PM	29491
EPA METHOD 8015D: GASOLINE RAI	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	1/3/2017 6:29:59 PM	29481
Surr: BFB	84.8	68.3-144	%Rec	1	1/3/2017 6:29:59 PM	29481
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	1/3/2017 6:29:59 PM	29481
Benzene	ND	0.025	mg/Kg	1	1/3/2017 6:29:59 PM	29481
Toluene	ND	0.050	mg/Kg	1	1/3/2017 6:29:59 PM	29481
Ethylbenzene	ND	0.050	mg/Kg	1	1/3/2017 6:29:59 PM	29481
Xylenes, Total	ND	0.099	mg/Kg	1	1/3/2017 6:29:59 PM	29481
Surr: 4-Bromofluorobenzene	91.5	80-120	%Rec	1	1/3/2017 6:29:59 PM	29481

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 7
- Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

### Lab Order 1612E59

Date Reported: 1/5/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT: EOG Resources** 

Client Sample ID: 14'

Project: Cutter/Patriot/Rodke Battery

Collection Date: 12/27/2016 9:54:00 AM

Lab ID: 1612E59-002

Received Date: 12/29/2016 9:15:00 AM

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANIC	S			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	1/4/2017 1:42:39 PM	29491
Surr: DNOP	108	70-130	%Rec	1	1/4/2017 1:42:39 PM	29491
EPA METHOD 8015D: GASOLINE RAN	IGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/3/2017 6:53:36 PM	29481
Surr: BFB	85.0	68.3-144	%Rec	1	1/3/2017 6:53:36 PM	29481
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	1/3/2017 6:53:36 PM	29481
Benzene	ND	0.024	mg/Kg	1	1/3/2017 6:53:36 PM	29481
Toluene	ND	0.049	mg/Kg	1	1/3/2017 6:53:36 PM	29481
Ethylbenzene	ND	0.049	mg/Kg	1	1/3/2017 6:53:36 PM	29481
Xylenes, Total	ND	0.098	mg/Kg	1	1/3/2017 6:53:36 PM	29481
Surr: 4-Bromofluorobenzene	92.0	80-120	%Rec	1	1/3/2017 6:53:36 PM	29481

Matrix: SOIL

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 7 J
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

### Lab Order 1612E59

Date Reported: 1/5/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** EOG Resources

Client Sample ID: 16'

Project: Cutter/Patriot/Rodke Battery

Collection Date: 12/27/2016 9:58:00 AM

Lab ID: 1612E59-003

Received Date: 12/29/2016 9:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANIC	s			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	1/4/2017 2:04:13 PM	29491
Surr: DNOP	110	70-130	%Rec	1	1/4/2017 2:04:13 PM	29491
EPA METHOD 8015D: GASOLINE RA	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/3/2017 7:17:08 PM	29481
Surr: BFB	85.0	68.3-144	%Rec	1	1/3/2017 7:17:08 PM	29481
<b>EPA METHOD 8021B: VOLATILES</b>					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	1/3/2017 7:17:08 PM	29481
Benzene	ND	0.024	mg/Kg	1	1/3/2017 7:17:08 PM	29481
Toluene	ND	0.049	mg/Kg	1	1/3/2017 7:17:08 PM	29481
Ethylbenzene	ND	0.049	mg/Kg	1	1/3/2017 7:17:08 PM	29481
Xylenes, Total	ND	0.097	mg/Kg	1	1/3/2017 7:17:08 PM	29481
Surr: 4-Bromofluorobenzene	91.9	80-120	%Rec	1	1/3/2017 7:17:08 PM	29481

Matrix: SOIL

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

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 3 of 7
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

### Lab Order 1612E59

Date Reported: 1/5/2017

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** EOG Resources

Client Sample ID: 18'

Project: Cutter/Patriot/Rodke Battery

Collection Date: 12/27/2016 10:04:00 AM

**Lab ID:** 1612E59-004

Matrix: SOIL

Received Date: 12/29/2016 9:15:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANIC	S			Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	1/4/2017 2:25:56 PM	29491
Surr: DNOP	108	70-130	%Rec	1	1/4/2017 2:25:56 PM	29491
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	1/3/2017 7:40:36 PM	29481
Surr: BFB	87.6	68.3-144	%Rec	1	1/3/2017 7:40:36 PM	29481
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	1/3/2017 7:40:36 PM	29481
Benzene	ND	0.025	mg/Kg	1	1/3/2017 7:40:36 PM	29481
Toluene	ND	0.049	mg/Kg	1	1/3/2017 7:40:36 PM	29481
Ethylbenzene	ND	0.049	mg/Kg	1	1/3/2017 7:40:36 PM	29481
Xylenes, Total	ND	0.099	mg/Kg	1	1/3/2017 7:40:36 PM	29481
Surr: 4-Bromofluorobenzene	93.4	80-120	%Rec	1	1/3/2017 7:40:36 PM	29481

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

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 4 of 7
- P Sample pH Not In Range
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- W Sample container temperature is out of limit as specified

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1612E59

05-Jan-17

Client:

**EOG Resources** 

Diesel Range Organics (DRO)       46       10       50.00       0       91.6       63.8       116         Surr: DNOP       5.2       5.000       104       70       130             Sample ID       MB-29491       SampType: MBLK       TestCode: EPA Method 8015M/D: Diesel Range Organics         Client ID:       PBS       Batch ID:       29491       RunNo:       39801         Prep Date:       1/3/2017       Analysis Date:       1/4/2017       SeqNo:       1247616       Units: mg/Kg	Project: Cutter	/Patriot/Rodke	Batter	ry							
Prep Date:         1/3/2017         Analysis Date:         1/4/2017         SeqNo:         1247615         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         CD           Diesel Range Organics (DRO)         46         10         50.00         0         91.6         63.8         116           Surr: DNOP         5.2         5.000         104         70         130           Sample ID         MB-29491         SampType:         MBLK         TestCode:         EPA Method         8015M/D:         Diesel Range Organics           Client ID:         PBS         Batch ID:         29491         RunNo:         39801           Prep Date:         1/3/2017         Analysis Date:         1/4/2017         SeqNo:         1247616         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         O           Diesel Range Organics (DRO)         ND         10	Sample ID LCS-29491	SampTy	pe: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         CD           Diesel Range Organics (DRO)         46         10         50.00         0         91.6         63.8         116           Surr: DNOP         5.2         5.000         104         70         130           Sample ID         MB-29491         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID:         PBS         Batch ID: 29491         RunNo: 39801           Prep Date:         1/3/2017         Analysis Date: 1/4/2017         SeqNo: 1247616         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         O           Diesel Range Organics (DRO)         ND         10	Client ID: LCSS	Batch I	ID: <b>29</b> 4	491	F	RunNo: 3	9801				
Diesel Range Organics (DRO)         46         10         50.00         0         91.6         63.8         116           Surr: DNOP         5.2         5.000         104         70         130           Sample ID MB-29491         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID: PBS         Batch ID: 29491         RunNo: 39801           Prep Date: 1/3/2017         Analysis Date: 1/4/2017         SeqNo: 1247616         Units: mg/Kg           Analyte         Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Organics (DRO)           Diesel Range Organics (DRO)         ND         10	Prep Date: 1/3/2017	Analysis Da	te: 1/	4/2017	8	SeqNo: 1	247615	Units: mg/K	(g		
Surr: DNOP         5.2         5.000         104         70         130           Sample ID MB-29491         SampType: MBLK         TestCode: EPA Method 8015M/D: Diesel Range Organics           Client ID: PBS         Batch ID: 29491         RunNo: 39801           Prep Date: 1/3/2017         Analysis Date: 1/4/2017         SeqNo: 1247616         Units: mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         O           Diesel Range Organics (DRO)         ND         10	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID MB-29491 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 29491 RunNo: 39801 Prep Date: 1/3/2017 Analysis Date: 1/4/2017 SeqNo: 1247616 Units: mg/Kg  Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Co	Diesel Range Organics (DRO)	46	10	50.00	0	91.6	63.8	116			
Client ID: PBS Batch ID: 29491 RunNo: 39801  Prep Date: 1/3/2017 Analysis Date: 1/4/2017 SeqNo: 1247616 Units: mg/Kg  Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Control Diesel Range Organics (DRO) ND 10	Surr: DNOP	5.2		5.000		104	70	130			MICHAEL CONTROL HANGS LAW AND
Prep Date: 1/3/2017 Analysis Date: 1/4/2017 SeqNo: 1247616 Units: mg/Kg  Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Collegel Range Organics (DRO) ND 10	Sample ID MB-29491	SampTy	pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C Diesel Range Organics (DRO) ND 10	Client ID: PBS	Batch I	ID: <b>29</b>	491	F	RunNo: 3	9801				
Diesel Range Organics (DRO) ND 10	Prep Date: 1/3/2017	Analysis Da	te: 1/	4/2017	8	SeqNo: 1	247616	Units: mg/k	(g		
Application of the Company of the Co	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP 10 10.00 104 70 130	Diesel Range Organics (DRO)	ND	10	200000000000000000000000000000000000000							
	Surr: DNOP	10		10.00		104	70	130			

### Qualifiers:

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

Page 5 of 7

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

## Hall Environmental Analysis Laboratory, Inc.

1612E59

05-Jan-17

Client:

**EOG Resources** 

Project:

Cutter/Patriot/Rodke Battery

Sample ID MB-29481

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID: Prep Date:

PBS 12/30/2016

Batch ID: 29481 Analysis Date: 1/3/2017

**PQL** 

RunNo: 39786

SeqNo: 1247192

68.3

68.3

Units: mg/Kg

WO#:

Qual

Gasoline Range Organics (GRO)

ND 820 SPK value SPK Ref Val

%REC LowLimit HighLimit

%RPD **RPDLimit** 

Analyte

5.0 1000

82.0

144

Surr: BFB

SampType: LCS

Result

1000

1000

TestCode: EPA Method 8015D: Gasoline Range

Sample ID LCS-29481

Client ID: LCSS

Batch ID: 29481

890

Result

850

RunNo: 39786

144

Analyte

12/30/2016

Analysis Date: 1/3/2017

SeqNo: 1247193

Units: mg/Kg

Gasoline Range Organics (GRO)

Result 26

SPK value SPK Ref Val 25.00

%REC LowLimit 103 74.6 HighLimit 123 %RPD **RPDLimit**  Qual

Surr: BFB

Prep Date:

Sample ID MB-29475

**PBS** 

SampType: MBLK

5.0

RunNo: 39786

%REC

84.6

88.9

TestCode: EPA Method 8015D: Gasoline Range

Qual

Analyte Surr: BFB

Client ID:

Prep Date: 12/30/2016

Analysis Date: 1/3/2017

Batch ID: 29475

SeqNo: 1247205

LowLimit HighLimit

Units: %Rec

**RPDLimit** 

%RPD

Sample ID LCS-29475

SampType: LCS

**PQL** 

TestCode: EPA Method 8015D: Gasoline Range

LowLimit

68.3

Client ID: LCSS

Batch ID: 29475 12/30/2016 Analysis Date: 1/3/2017

SPK value SPK Ref Val

RunNo: 39786 SeqNo: 1247206

Units: %Rec

144

HighLimit

144

Qual

Analyte Surr: BFB

Prep Date:

930

Result

1000

SPK value SPK Ref Val

%REC 93.2

68.3

%RPD

**RPDLimit** 

Page 6 of 7

Qualifiers:

R

S

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits

% 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

W Sample container temperature is out of limit as specified

P Sample pH Not In Range

RL Reporting Detection Limit

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1612E59 05-Jan-17

Client:

**EOG Resources** 

Project: Cutter/Patriot/Rodke Battery

Sample ID MB-29481	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		No. 1 minimum la la com-
Client ID: PBS	Batch	n ID: 29	481	F	RunNo: 3	9786				
Prep Date: 12/30/2016	Analysis D	ate: 1/	3/2017	S	SeqNo: 1	247212	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		89.4	80	120			

Sample ID LCS-29481	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batch	ID: 29	481	F	RunNo: 3	9786				
Prep Date: 12/30/2016	Analysis D	ate: 1/	3/2017	8	SeqNo: 1	247214	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.90	0.10	1.000	0	89.8	65.7	116			
Benzene	1.0	0.025	1.000	0	102	75.2	115			
Toluene	0.96	0.050	1.000	0	95.5	80.7	112			
Ethylbenzene	0.93	0.050	1.000	0	93.4	78.9	117			
Xylenes, Total	2.8	0.10	3.000	0	94.8	79.2	115			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.9	80	120			

Sample ID MB-29475	SampTy	/pe: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Client ID: PBS	Batch	ID: <b>29</b>	475	F	RunNo: 3	9786				
Prep Date: 12/30/2016	Analysis Da	ate: 1/	1/3/2017 SeqNo: 1247226 Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		91.5	80	120			

Sample ID LCS-29475	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	ID: 29	475	F	RunNo: 3	9786				
Prep Date: 12/30/2016	Analysis D	ate: 1/	3/2017	8	SeqNo: 1	247227	Units: %Red	C		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.96		1.000	A STATE OF THE STA	95.6	80	120			

### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 7 of 7

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



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

# Sample Log-In Check List

Client Name:	EOG/Yates		Work Order No	ımber: 1612E59		RcptNo: 1						
Received by/dat	te: A	<b>S</b>	12/29/14									
Logged By:	Lindsay N	langin	12/29/2016 9:15	00 AM	Streety Hough							
Completed By:	Lindsay N	langin	12/30/2016 8:47	05 AM	Simbertha							
Reviewed By:	Ja .	2/30/16			0 500							
Chain of Cus					7							
1. Custody sea	als intact on s	ample bottles?		Yes [	No []	Not Present						
2. Is Chain of C	Custody com	lete?		Yes 🗸	No []	Not Present						
3. How was the	e sample deli	vered?		Courier		Trouble :						
Log In												
4. Was an atte	empt made to	cool the samp	les?	Yes 🗸	No 🗔	NA []						
5. Were all san	mples receive	d at a tempera	ture of >0° C to 6.0°C	Yes 🔽	No []	NA 🗀						
6. Sample(s) in	n proper cont	ainer(s)?		Yes 🗸	No 🗔							
7. Sufficient sa	mple volume	for indicated to	est(s)?	Yes 🗹	No []							
8. Are samples	(except VOA	and ONG) pro	perly preserved?	Yes 🗸	No 🗌							
9. Was preserv	ative added t	o bottles?		Yes	No 🗹	NA 🗀						
10.VOA vials ha	ave zero head	space?		Yes 🗀	No 🗔	No VOA Vials 🗹						
11. Were any sa	ample contain	ers received b	roken?	Yes 🗌	No 🗹							
40 -						# of preserved bottles checked						
12.Does paperv (Note discret		ottle labels? nain of custody		Yes 🗹	No 🗆	for pH:						
13. Are matrices				Yes 🗸	No 🗀	(<2 or Adjusted?	>12 unless noted)					
14. Is it clear wh			)(5)	Yes 🔽	No []							
15.Were all hold (If no, notify		e to be met? authorization.)		Yes 🔽	No 🗌	Checked by:						
Special Hand	ling (if apu	olicable)										
16.Was client no			ith this order?	Yes 🗌	No 🗔	NA 🔽						
Person	Notified:	POTTATE MAINTINESS THERE	Da	te:	With Company of the Company	77.65						
By Who	om:	CONTRACTOR	Vis	P	Phone Fax	In Person						
Regard	ling:	MARINE WAR HAR BOTTON OF THE STATE OF THE ST	AND THE PROPERTY OF THE PARTY O		The last the	L. Jill Fison						
Client (	nstructions:					and the same of th						
17. Additional re	marks:	*				<u> </u>						
18. Cooler Info	rmation											
	Temp °C	Condition	Seal Intact   Seal No	Seal Date	Signed By							
1	1.0	Good	Yes		<u> </u>							
	.en v:		T									

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analy	oul	id/s	H (Ga	831 (1.81 (1.40 (HA) (A)	38 4 4 6 4 100 100 100 100 100 100 100 100 100 10	TM + X3T8 TM + X3T8 TM + X3T8 TM + Methor	X X	×	×	×						-	January 5, 2017.	If necessary, samples submitted to Hall Environmental may be subconfracted to offer accredited laboratories. This serves as notice of this possibility. Any sub-confracted data will be clearly notated on the analytical report.
. HTG.	□ Rush	×	Cutter/Patriot/Rodke Battery		11/17/16 Release	ger	Amber Griffin	PO # 205-2020	Amber Griffin A		ativ HE	(C)   e3	[CO   90]	loe ACDS	120- 001						Date Time (2.124/16 0915	Date Time	caredited laboratories. This serves as r
ותוו-איטשונה זווופ	X Standard	Project Name:	Cott	Project #:		Project Manager.			Sampler:	Sample Temperature	Container Type and #	1 - 4oz.	1 - 4oz.	1 - 4oz.	1 - 4oz.						Received by:	Received by:	) onfracted to other ac
Chain-ot-Custody Record	ıs, Inc.			05 South 4th Street Artesia, NM 88210	575-513-8799 or 575-748-4111	amber griffin@eogresources.com		☐ Level 4 (Full Validation)			Sample Request ID	12'	14.	16'	18'						d by:	ad by: O' CO'II	ted to Hall Environmental may be subox
ot-Cus	EOG Y Resources, Inc.			eet Artes	575-513-	amber q			Č		Matrix	9:49 Soil	9:54 Soil		10:04 Soil						Relinquished by:	Relinquished by:	amples submit
hain-	EOG Y		dress:	h 4th Str		ax#:	ckage:	ırd	ion:	(ma)	Time										Time:	Time:	necessary, s
	lient:		failing Address:	05 Sout	hone #:	mail or Fax#:	MAC Package:	1 Standard	ccreditation:	J FDD (Type)	Date	12/27/16	12/27/16	12/27/16	12/27/16						late:	146/16 rate:	