

Analytical Report 1203406 (Hall)	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-00.5	Release Area	3/6/2012	Comp/Auger	6"	ND	ND	1900.0	1900.0	280
Comp-01.0	Release Area	3/6/2012	Comp/Auger	12"	ND	ND	870.0	870.0	320
Comp-01.5	Release Area	3/6/2012	Comp/Auger	18"	ND	ND	170.0	170.0	150

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 300', Section 1, T20S-R24E, NMOSE).

All results are ppm. X - Sample Points

Released: 110 B/PW; Recovered: 100 B/PW. Release Date: 1/30/2012



Foster AN Battery
 30-015-26914
 Section 1, T20S-R24E
 Eddy County, NM

ENVIRONMENTAL SAMPLE DIAGRAM

(Not to Scale)

March 26, 2012

Prepared by
 YPC Environmental Division



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

March 16, 2012

Robert Asher

Yates Petroleum

105 South 4th

Artesia, NM 88210

TEL: (575) 748-4217

FAX

RE: Foster AN #3 Battery

OrderNo.: 1203406

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 3 sample(s) on 3/12/2012 for the analyses presented in the following report.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1203406

Date Reported: 3/16/2012

CLIENT: Yates Petroleum

Client Sample ID: Comp-00.5

Project: Foster AN #3 Battery

Collection Date: 3/6/2012 10:00:00 AM

Lab ID: 1203406-001

Matrix: SOIL

Received Date: 3/12/2012 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	1,900	200		mg/Kg	20	3/15/2012 12:05:47 PM
Surr: DNOP	0	77.4-131	S	%REC	20	3/15/2012 12:05:47 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	3/14/2012 5:33:00 PM
Surr: BFB	90.9	69.7-121		%REC	5	3/14/2012 5:33:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.25		mg/Kg	5	3/14/2012 5:33:00 PM
Toluene	ND	0.25		mg/Kg	5	3/14/2012 5:33:00 PM
Ethylbenzene	ND	0.25		mg/Kg	5	3/14/2012 5:33:00 PM
Xylenes, Total	ND	0.49		mg/Kg	5	3/14/2012 5:33:00 PM
Surr: 4-Bromofluorobenzene	96.6	85.3-139		%REC	5	3/14/2012 5:33:00 PM

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Yates Petroleum**Client Sample ID:** Comp-01.0**Project:** Foster AN #3 Battery**Collection Date:** 3/6/2012 10:16:00 AM**Lab ID:** 1203406-002**Matrix:** SOIL**Received Date:** 3/12/2012 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	870	200		mg/Kg	20	3/15/2012 12:27:10 PM
Surr: DNOP	0	77.4-131	S	%REC	20	3/15/2012 12:27:10 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	3/14/2012 9:51:44 PM
Surr: BFB	91.7	69.7-121		%REC	5	3/14/2012 9:51:44 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.24		mg/Kg	5	3/14/2012 9:51:44 PM
Toluene	ND	0.24		mg/Kg	5	3/14/2012 9:51:44 PM
Ethylbenzene	ND	0.24		mg/Kg	5	3/14/2012 9:51:44 PM
Xylenes, Total	ND	0.48		mg/Kg	5	3/14/2012 9:51:44 PM
Surr: 4-Bromofluorobenzene	97.2	85.3-139		%REC	5	3/14/2012 9:51:44 PM

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-01.5

Project: Foster AN #3 Battery

Collection Date: 3/6/2012 10:31:00 AM

Lab ID: 1203406-003

Matrix: SOIL

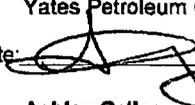
Received Date: 3/12/2012 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	170	9.9		mg/Kg	1	3/15/2012 1:31:32 PM
Surr: DNOP	85.9	77.4-131		%REC	1	3/15/2012 1:31:32 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/14/2012 10:49:10 PM
Surr: BFB	92.0	69.7-121		%REC	1	3/14/2012 10:49:10 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	3/14/2012 10:49:10 PM
Toluene	ND	0.047		mg/Kg	1	3/14/2012 10:49:10 PM
Ethylbenzene	ND	0.047		mg/Kg	1	3/14/2012 10:49:10 PM
Xylenes, Total	ND	0.093		mg/Kg	1	3/14/2012 10:49:10 PM
Surr: 4-Bromofluorobenzene	97.7	85.3-139		%REC	1	3/14/2012 10:49:10 PM

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Sample Log-In Check List

Client Name: Yates Petroleum Corporation Work Order Number: 1203406
 Received by/date:  03/12/12
 Logged By: Ashley Gallegos 3/12/2012 9:30:00 AM 
 Completed By: Ashley Gallegos 3/13/2012 8:18:36 AM 
 Reviewed By: 03/13/12

Chain of Custody

- 1. Were seals intact? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? FedEx

Log In

- 4. Coolers are present? (see 19. for cooler specific information) Yes No NA
- 5. Was an attempt made to cool the samples? Yes No NA
- 6. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 7. Sample(s) in proper container(s)? Yes No
- 8. Sufficient sample volume for indicated test(s)? Yes No
- 9. Are samples (except VOA and ONG) properly preserved? Yes No
- 10. Was preservative added to bottles? Yes No NA
- 11. VOA vials have zero headspace? Yes No No VOA Vials
- 12. Were any sample containers received broken? Yes No
- 13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes No
- 14. Are matrices correctly identified on Chain of Custody? Yes No
- 15. Is it clear what analyses were requested? Yes No
- 16. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 17. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

18. Additional remarks:

19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.9	Good	Yes			



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March 16, 2012

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105 South 4th
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TEL: (575) 748-4217
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Sincerely,

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Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

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Project: Foster AN #3 Battery

Collection Date: 3/6/2012 10:00:00 AM

Lab ID: 1203406-001

Matrix: SOIL

Received Date: 3/12/2012 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	280	30		mg/Kg	20	3/15/2012 5:24:13 PM

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Matrix: SOIL

Received Date: 3/12/2012 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	320	30		mg/Kg	20	3/15/2012 3:20:06 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.
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Project: Foster AN #3 Battery

Collection Date: 3/6/2012 10:31:00 AM

Lab ID: 1203406-003

Matrix: SOIL

Received Date: 3/12/2012 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	150	30		mg/Kg	20	3/15/2012 4:59:23 PM

Qualifiers: *X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
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 Adjusted? _____
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