

YATES PETROLEUM CORPORATION**FACSIMILE TRANSMITTAL SHEET**

TO:	CHRIS WILLIAMS	FROM:	Sherry Bonham
COMPANY:	NMOCD	DATE:	6/14/2007
FAX NUMBER:	9 1 505 393 0720	TOTAL NO. OF PAGES INCLUDING COVER:	23
PHONE NUMBER:		PHONE NUMBER:	748 4162
RE:	VINCE BGH #1 FINAL REPORT C-141		

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Please find attached the Final Report C141 along with a copy of the initial report C141, bill of lading, sample synopsis for the analyses, and the laboratory report on sample analyses for the above referenced site.

Thanks, Chris, and should you have any questions, please don't hesitate to contact me.

Sherry Bonham

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

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action**OPERATOR**☐ Initial Report ☒ Final Report

Name of Company YATES PETROLEUM CORPORATION	OGRID Number 25575	Contact SHERRY BONHAM
Address 105 S 4 TH STREET	API Number 30-025-37104	Telephone No. 505.748.1471
Facility Name VINCE BGH 1	Facility Type PIPELINE	
Surface Owner FEE		Lease No.

LOCATION OF RELEASE

Unit Letter J	Section 30	Township 9S	Range 35E	Feet from the 1980	North/South Line SOUTH	Feet from the 1750	East/West Line EAST	County LEA
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Latitude 33.50329 Longitude 103.39678**NATURE OF RELEASE**

Type of Release PRODUCED WATER	Volume of Release 7 B/PW	Volume Recovered 0 B/PW
Source of Release PIPELINE	Date and Hour of Occurrence 03/06/07 AM	Date and Hour of Discovery 03/06/07 AM
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* PIPE LINE LEAK. REPAIRED PIPE.		
Describe Area Affected and Cleanup Action Taken.* APPROXIMATE 20' X 20' AREA AFFECTED. EXCAVATED AND REMOVED IMPACTED SOILS TO NMOCD APPROVED DISPOSAL FACILITY. SAMPLING RESULTS BELOW RRALS. NO FURTHER REMEDIATION ACTIVITY NEEDED. REQUESTING CLOSURE TO INCIDENT. ATTACHMENTS: INITIAL REPORT C141, BILL OF LADEN, AND ANALYSES. FINAL REPORT. Depth to Ground Water: <u>>100'</u> ; Wellhead protection area? <u>NO</u> ; Distance to surface water body: <u>>1000'</u> . SITE RANKING: <u>0</u> .		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Sherry Bonham		Approved by District Supervisor: 	
Title: Environmental Regulatory Agent		Approval Date: <u>6/15/07</u>	Expiration Date:
E-mail Address: sherryb@ypcnm.com		Conditions of Approval:	
Date: June 14, 2007 Phone: 505.748.1471		Attached ☐	

* Attach Additional Sheets If Necessary

MAR-12-2007 MON 03:15 PM YATES MARKETING DEPT

FAX NO. 5057484576

P. 02

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Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company YATES PETROLEUM CORPORATION	OCRIID Number 25575	Contact SHERRY BONHAM
Address 105 S 4 TH STREET	API Number 30-025-37104	Telephone No. 505.748.1471
Facility Name VINCE BIGHI	Facility Type PIPELINE	
Surface Owner FER	Mineral Owner FER	Lease No.

LOCATION OF RELEASE

Unit Letter J	Section 30	Township 9S	Range 3SE	Feet from the 1980	North/South Line SOUTH	Feet from the 1750	East/West Line EAST	County LEA
------------------	---------------	----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	---------------

Latitude 33.50329 Longitude 103.39678

NATURE OF RELEASE

Type of Release PRODUCED WATER	Volume of Release 7 B/PW	Volume Recovered 0 B/PW
Source of Release PIPELINE	Date and Hour of Occurrence 03/06/07 AM	Date and Hour of Discovery 03/06/07 AM
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
PIPE LINE LEAK. REPAIRED PIPE.

Describe Area Affected and Cleanup Action Taken.*
APPROXIMATE 20' X 20' AREA AFFECTED. EXCAVATION AND REMOVAL OF IMPACTED SOILS. EXCAVATED SOILS TO BE DISPOSED AT NMOC APPROVED DISPOSAL FACILITY.
Depth to Ground Water: >100'. Wellhead protection area? NO; Distance to surface water body: >1000'. SITE RANKING: 0.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: <i>Sherry Bonham</i>	Approved by District Supervisor: <i>Enrique Escobar</i>	
Printed Name: Sherry Bonham	Approval Date: 3.15.07	Expiration Date: 6.15.07
Title: Environmental Regulatory Agent	Conditions of Approval:	
E-mail Address: sherryb@ypcnm.com	Attached ☐	
Date: March 13, 2007	Phone: 505.748.1471	

* Attach Additional Sheets If Necessary

incident - #PAC0707848471
4PCNM
application - #PAC070748550

W/ SAMPLES & SOILS BE
LINED FOR DISPOSAL
MATERIALS

RP# 1231

**Gandy Marley, Inc.**

P.O. Box 1658 Roswell, NM 88202

Phone 505-347-0434 Fax 505-347-0435

Yates Petro.

105 S 4TH STREET
Artesia, NM 88211

3/29/2007

Detailed Report of material for Invoices 8743 thru 8743

EXEMPT OCD

Origin: VINCE BGH #1 PIPELINE

Date:	Ticket No:	Description:	Transporter:	Cell:	Units	Unit Type
3/11/2007	16050	OCD EXEMPT SOILS		LF	12	YARDS
3/14/2007	16023	OCD EXEMPT SOILS		LF	15	YARDS
3/14/2007	16043	OCD EXEMPT SOILS		LF	15	YARDS
3/16/2007	16044	OCD EXEMPT SOILS		LF	18	YARDS
3/16/2007	16047	OCD EXEMPT SOILS		LF	18	YARDS
3/22/2007	14445	OCD EXEMPT SOILS		LF	20	YARDS
3/22/2007	14446	OCD EXEMPT SOILS		LF	20	YARDS
3/22/2007	14450	OCD EXEMPT SOILS		LF	8	YARDS

VINCE BGH #1 PIPELINE Total YARDS.

124 YARDS

EXEMPT OCD Total YARDS.

124 YARDS

EXEMPT OCD Total Units.

124 Units

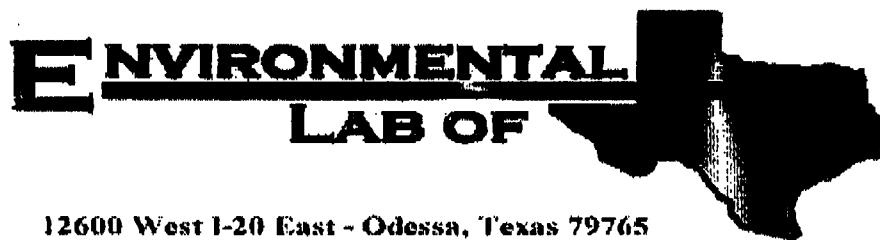
Yates Petro. Total Units.

124 Units

SAMPLE SYNOPSISSITE NAME: VINCE BGH #1 Latitude: 33.50329 Longitude: 103.39678 SAMPLE DATE: APRIL 10, 2007Section: 30 Township: 9S Range: 35E UNIT LETTER: J SITE RANKING: 0

SAMPLE POINT AND DEPTH	GPS	TPH (ppm)	BTEX (ppm)	CHLORIDES (ppm)	ph
BH1	33.50291N 103.39780W	ND	ND	177	
BH2	33.50289N 103.39786W	ND	ND	262	
BH3	33.50289N 103.39777W	ND	ND	41.2	
NSW	33.50292N 103.39779W	ND	ND	9.12	
ESW	33.50290N 103.39774W	ND	ND	13.8	
SSW	33.50288N 103.39781W	ND	ND	10.5	
WSW	33.50293N 103.39789W	ND	ND	53.6	

**EXCAVATED AFFECTED SOILS TO A DEPTH OF 4'6" BELOW GRADE. ALL BOTTOM
HOLE SAMPLES WERE OBTAINED 6" BELOW EXCAVATION.**



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

Analytical Report

Prepared for:

Sherry Bonham
Yates Petroleum Corp.
105 S. Fourth St.
Artesia, NM 88210

Project: Vince BGH 1
Project Number: None Given
Location: 30-9S-35E

Lab Order Number: 7D13008

Report Date: 04/20/07

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1	7D13008-01	Soil	04/10/07 11:35	04-13-2007 10:00
BH-2	7D13008-02	Soil	04/10/07 11:44	04-13-2007 10:00
BH-3	7D13008-03	Soil	04/10/07 11:53	04-13-2007 10:00
NSW	7D13008-04	Soil	04/10/07 11:58	04-13-2007 10:00
SSW	7D13008-05	Soil	04/10/07 12:05	04-13-2007 10:00
WSW	7D13008-06	Soil	04/10/07 12:11	04-13-2007 10:00
BSW	7D13008-07	Soil	04/10/07 12:15	04-13-2007 10:00

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH 1
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (7D13008-01) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		76.6 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		76.0 %	75-125		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		101 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		115 %	70-130		"	"	"	"	
BH-2 (7D13008-02) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		78.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		76.4 %	75-125		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		91.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		103 %	70-130		"	"	"	"	
BH-3 (7D13008-03) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		81.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		76.6 %	75-125		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 2 of 10

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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BH-3 (7D13008-03) Soil

Surrogate: 1-Chlorooctane		115 %	70-130	ED71319	04/13/07	04/17/07	EPA 8015B	
Surrogate: 1-Chlorooctadecane		130 %	70-130	"	"	"	"	

NSW (7D13008-04) Soil

Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B
Toluene	ND	0.00200	"	"	"	"	"	"
Ethylbenzene	ND	0.00200	"	"	"	"	"	"
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"
Xylene (o)	ND	0.00200	"	"	"	"	"	"
Surrogate: a,a,a-Trifluorotoluene		77.6 %	75-125	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		75.8 %	75-125	"	"	"	"	"
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"
Surrogate: 1-Chlorooctane		80.8 %	70-130	"	"	"	"	"
Surrogate: 1-Chlorooctadecane		81.2 %	70-130	"	"	"	"	"

SSW (7D13008-05) Soil

Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B
Toluene	ND	0.00200	"	"	"	"	"	"
Ethylbenzene	ND	0.00200	"	"	"	"	"	"
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"
Xylene (o)	ND	0.00200	"	"	"	"	"	"
Surrogate: a,a,a-Trifluorotoluene		79.8 %	75-125	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene		75.6 %	75-125	"	"	"	"	"
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"
Surrogate: 1-Chlorooctane		90.4 %	70-130	"	"	"	"	"
Surrogate: 1-Chlorooctadecane		102 %	70-130	"	"	"	"	"

Environmental Lab of Texas

A Xenco Laboratories Company

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Page 3 of 10

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WSW (7D13008-06) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		80.0 %	75-125		"	"	"	"	
Surrogate: <i>4</i> -Bromofluorobenzene		76.2 %	75-125		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: <i>1</i> -Chlorooctane		92.2 %	70-130		"	"	"	"	
Surrogate: <i>1</i> -Chlorooctadecane		107 %	70-130		"	"	"	"	
ESW (7D13008-07) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71304	04/13/07	04/13/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		82.0 %	75-125		"	"	"	"	
Surrogate: <i>4</i> -Bromofluorobenzene		75.6 %	75-125		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: <i>1</i> -Chlorooctane		93.6 %	70-130		"	"	"	"	
Surrogate: <i>1</i> -Chlorooctadecane		106 %	70-130		"	"	"	"	

Environmental Lab of Texas

A Xenco Laboratories Company

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Page 4 of 10

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (7D13008-01) Soil									
% Moisture	22.3	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
BH-2 (7D13008-02) Soil									
% Moisture	14.8	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
BH-3 (7D13008-03) Soil									
% Moisture	17.2	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
NSW (7D13008-04) Soil									
% Moisture	10.8	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
SSW (7D13008-05) Soil									
% Moisture	13.0	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
WSW (7D13008-06) Soil									
% Moisture	11.6	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
ESW (7D13008-07) Soil									
% Moisture	13.4	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	

Environmental Lab of Texas
A Xenco Laboratories Company

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Page 5 of 10

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH 1
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED71304 - EPA 5030C (GC)										
Blank (ED71304-BLK1)				Prepared & Analyzed: 04/13/07						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	55.7		ug/kg	50.0		111	75-125			
Surrogate: 4-Bromofluorobenzene	42.9		"	50.0		85.8	75-125			
LCS (ED71304-BS1)				Prepared & Analyzed: 04/13/07						
Benzene	0.0498	0.00100	mg/kg wet	0.0500		99.6	80-120			
Toluene	0.0475	0.00100	"	0.0500		95.0	80-120			
Ethylbenzene	0.0439	0.00100	"	0.0500		87.8	80-120			
Xylene (p/m)	0.0869	0.00100	"	0.100		86.9	80-120			
Xylene (o)	0.0471	0.00100	"	0.0500		94.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	55.3		ug/kg	50.0		111	75-125			
Surrogate: 4-Bromofluorobenzene	40.9		"	50.0		81.8	75-125			
Calibration Check (ED71304-CCV1)				Prepared & Analyzed: 04/13/07						
Benzene	44.6		ug/kg	50.0		89.2	80-120			
Toluene	41.3		"	50.0		82.6	80-120			
Ethylbenzene	40.3		"	50.0		80.6	80-120			
Xylene (p/m)	81.8		"	100		81.8	80-120			
Xylene (o)	42.2		"	50.0		84.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	46.0		"	50.0		92.0	75-125			
Surrogate: 4-Bromofluorobenzene	40.9		"	50.0		81.8	75-125			
Matrix Spike (ED71304-MS1)				Source: 7D12010-01	Prepared & Analyzed: 04/13/07					
Benzene	0.109	0.00200	mg/kg dry	0.112	ND	97.3	80-120			
Toluene	0.105	0.00200	"	0.112	ND	93.7	80-120			
Ethylbenzene	0.108	0.00200	"	0.112	ND	96.4	80-120			
Xylene (p/m)	0.198	0.00200	"	0.224	0.00208	87.5	80-120			
Xylene (o)	0.110	0.00200	"	0.112	ND	98.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	52.5		ug/kg	50.0		105	75-125			
Surrogate: 4-Bromofluorobenzene	45.9		"	50.0		91.8	75-125			

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Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vinco BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED71304 - EPA 5030C (GC)

Matrix Spike Dup (ED71304-MSD1)		Source: 7D12010-01		Prepared & Analyzed: 04/13/07						
Benzene	0.100	0.00200	mg/kg dry	0.112	ND	89.3	80-120	8.57	20	
Toluene	0.0949	0.00200	"	0.112	ND	84.7	80-120	10.1	20	
Ethylbenzene	0.0977	0.00200	"	0.112	ND	87.2	80-120	10.0	20	
Xylene (p/m)	0.185	0.00200	"	0.224	0.00208	81.7	80-120	6.86	20	
Xylene (o)	0.0983	0.00200	"	0.112	ND	87.8	80-120	11.2	20	
Surrogate: a,a,a-Trifluorotoluene	48.6		ug/kg	50.0		97.2	75-125			
Surrogate: 4-Bromofluorobenzene	41.7		"	50.0		83.4	75-125			

Batch ED71319 - Solvent Extraction (GC)

Blank (ED71319-BLK1)		Prepared: 04/13/07 Analyzed: 04/17/07								
Carbon Ranges C6-C10	ND	10.0	mg/kg wet							
Carbon Ranges >C10-C28	ND	10.0	"							
Total Carbon Range C6-C28	ND	10.0	"							
Surrogate: 1-Chlorooctane	43.5		mg/kg	50.0		87.0	70-130			
Surrogate: 1-Chlorooctadecane	54.8		"	50.0		110	70-130			

LCS (ED71319-BS1)		Prepared: 04/13/07 Analyzed: 04/17/07								
Carbon Ranges C6-C10	600	10.0	mg/kg wet	500		120	75-125			
Carbon Ranges >C10-C28	497	10.0	"	500		99.4	75-125			
Total Carbon Range C6-C28	1100	10.0	"	1000		110	75-125			
Surrogate: 1-Chlorooctane	55.3		mg/kg	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	55.7		"	50.0		111	70-130			

Calibration Check (ED71319-CCV1)		Prepared: 04/13/07 Analyzed: 04/17/07								
Carbon Ranges C6-C10	242		mg/kg	250		96.8	80-120			
Carbon Ranges >C10-C28	294		"	250		118	80-120			
Total Carbon Range C6-C28	536		"	500		107	80-120			
Surrogate: 1-Chlorooctane	56.0		"	50.0		112	70-130			
Surrogate: 1-Chlorooctadecane	57.5		"	50.0		115	70-130			

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Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BOH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED71319 - Solvent Extraction (GC)

Matrix Spike (ED71319-MS1)

Source: 7D13008-01

Prepared: 04/13/07 Analyzed: 04/17/07

Carbon Ranges C6-C10	802	10.0	mg/kg dry	644	ND	125	75-125			
Carbon Ranges >C10-C28	622	10.0	"	644	ND	96.6	75-125			
Total Carbon Range C6-C28	1420	10.0	"	1290	ND	110	75-125			
Surrogate: 1-Chlorooctane	47.8		mg/kg	50.0		95.6	70-130			
Surrogate: 1-Chlorooctadecane	48.3		"	50.0		96.6	70-130			

Matrix Spike Dup (ED71319-MSD1)

Source: 7D13008-01

Prepared: 04/13/07 Analyzed: 04/17/07

Carbon Ranges C6-C10	693	10.0	mg/kg dry	644	ND	108	75-125	14.6	20	
Carbon Ranges >C10-C28	553	10.0	"	644	ND	85.9	75-125	11.7	20	
Total Carbon Range C6-C28	1250	10.0	"	1290	ND	96.9	75-125	12.7	20	
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	50.8		"	50.0		102	70-130			

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Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch ED71702 - General Preparation (Prep)									
Blank (ED71702-BLK1)	Prepared: 04/13/07 Analyzed: 04/14/07								
% Solids	100	0.1	%						
Blank (ED71702-BLK2)	Prepared: 04/13/07 Analyzed: 04/14/07								
% Solids	100	0.1	%						
Duplicate (ED71702-DUP1)	Source: 7D13016-01		Prepared: 04/13/07 Analyzed: 04/14/07						
% Solids	79.1	0.1	%		79.6		0.630	20	
Duplicate (ED71702-DUP2)	Source: 7D13001-01		Prepared: 04/13/07 Analyzed: 04/14/07						
% Solids	86.5	0.1	%		86.6		0.116	20	
Duplicate (ED71702-DUP3)	Source: 7D13008-05		Prepared: 04/13/07 Analyzed: 04/14/07						
% Solids	86.2	0.1	%		87.0		0.924	20	
Duplicate (ED71702-DUP4)	Source: 7D13010-06		Prepared: 04/13/07 Analyzed: 04/14/07						
% Solids	89.3	0.1	%		89.6		0.335	20	
Duplicate (ED71702-DUP5)	Source: 7D12010-20		Prepared: 04/13/07 Analyzed: 04/14/07						
% Solids	91.6	0.1	%		90.8		0.877	20	
Duplicate (ED71702-DUP6)	Source: 7D13018-01		Prepared: 04/13/07 Analyzed: 04/14/07						
% Solids	73.1	0.1	%		77.9		6.36	20	

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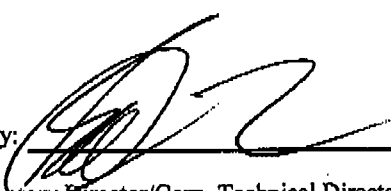
Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By: Date: 4/23/07

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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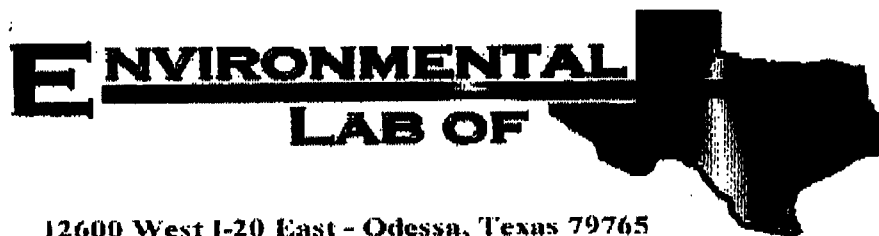
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12600 West I-20 East - Odessa, Texas 79765

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Analytical Report

Prepared for:

Sherry Bonham

Yates Petroleum Corp.

105 S. Fourth St.

Artesia, NM 88210

Project: Vince BGH 1

Project Number: None Given

Location: 30-9S-35E

Lab Order Number: 7D13008

Report Date: 04/20/07

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BQH
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1	7D13008-01	Soil	04/10/07 11:35	04-13-2007 10:00
BH-2	7D13008-02	Soil	04/10/07 11:44	04-13-2007 10:00
BH-3	7D13008-03	Soil	04/10/07 11:53	04-13-2007 10:00
NSW	7D13008-04	Soil	04/10/07 11:58	04-13-2007 10:00
SSW	7D13008-05	Soil	04/10/07 12:05	04-13-2007 10:00
WSW	7D13008-06	Soil	04/10/07 12:11	04-13-2007 10:00
ESW	7D13008-07	Soil	04/10/07 12:15	04-13-2007 10:00

Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vinco BGH I
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 (7D13008-01) Soil									
Chloride	177	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
BH-2 (7D13008-02) Soil									
Chloride	262	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
BH-3 (7D13008-03) Soil									
Chloride	41.2	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
NSW (7D13008-04) Soil									
Chloride	9.12	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
SSW (7D13008-05) Soil									
Chloride	10.5	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
WSW (7D13008-06) Soil									
Chloride	53.6	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
ESW (7D13008-07) Soil									
Chloride	13.8	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	

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Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH 1
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED72010 - General Preparation (WetChem)										
Blank (ED72010-BLK1)				Prepared & Analyzed: 04/20/07						
Chloride	ND	0.500	mg/kg							
LCS (ED72010-BS1)				Prepared & Analyzed: 04/20/07						
Chloride	9.44	0.500	mg/kg	10.0		94.4	80-120			
Calibration Check (ED72010-CCV1)				Prepared & Analyzed: 04/20/07						
Chloride	9.22		mg/kg	10.0		92.2	80-120			
Duplicate (ED72010-DUP1)				Source: 7D13008-01		Prepared & Analyzed: 04/20/07				
Chloride	175	5.00	mg/kg		177			1.14	20	
Duplicate (ED72010-DUP2)				Source: 7D13009-04		Prepared & Analyzed: 04/20/07				
Chloride	22.2	5.00	mg/kg		24.6			10.3	20	
Matrix Spike (ED72010-MS1)				Source: 7D13008-01		Prepared & Analyzed: 04/20/07				
Chloride	286	5.00	mg/kg	100	177	109	80-120			
Matrix Spike (ED72010-MS2)				Source: 7D13009-04		Prepared & Analyzed: 04/20/07				
Chloride	119	5.00	mg/kg	100	24.6	94.4	80-120			

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Yates Petroleum Corp.
105 S. Fourth St.
Artesia NM, 88210

Project: Vince BGH
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By: Date: 4/23/07

Brent Barron, Laboratory Director/Corp. Technical Director
Celey D. Keene, Org. Tech Director
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer
Jeanne Mc Murrey, Inorg. Tech Director

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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Yates
 Date/ Time: 4/13/07 10:00
 Lab ID #: 7D13008
 Initials: OK

Sample Receipt Checklist

				Client Initials
#1 Temperature of container/ cooler?	Yes	No	10 °C	
#2 Shipping container in good condition?	Yes	No		
#3 Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4 Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5 Chain of Custody present?	Yes	No		
#6 Sample instructions complete of Chain of Custody?	Yes	No		
#7 Chain of Custody signed when relinquished/ received?	Yes	No		
#8 Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	Yes	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11 Containers supplied by ELOT?	Yes	No		
#12 Samples in proper container/ bottle?	Yes	No	See Below	
#13 Samples properly preserved?	Yes	No	See Below	
#14 Sample bottles intact?	Yes	No		
#15 Preservations documented on Chain of Custody?	Yes	No		
#16 Containers documented on Chain of Custody?	Yes	No		
#17 Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18 All samples received within sufficient hold time?	Yes	No	See Below	
#19 Subcontract of sample(s)?	Yes	No	Not Applicable	
#20 VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

☐

See attached e-mail/ fax

☐

Client understands and would like to proceed with analysis

☐

Cooling process had begun shortly after sampling event