



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

April 22, 2022

NMOCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Warbird BEO Federal Com #1
30-005-63683
A-8-6S-27E
Chaves County, New Mexico
2RP-82
nKMW0736139801

Mr. Billings,

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The plan is being submitted accompanying the C-141 Closure on the most recent form.

The original Closure Report was submitted May 7, 2007, after verbal closure was provided by NMOCD District II staff. EOG Resources, Inc. hereby submits the Closure Report for the above referenced site.

Included with this Closure Report request is the sampling notification email, internal Status Notes, Email Confirmation for the in person meeting between YPC and NMOCD, and the original Closure Report submitted at the time.

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

Respectfully,

Chase Settle

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

EOG Resources, Inc.
Warbird BEO Federal Com #1
Closure Report
A-8-6S-27E
Chaves County, New Mexico
April 22, 2022
2RP-82
nKMW0736139801



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I. Location

The site is located approximately 34 miles northeast of Roswell in Chaves County, New Mexico.

II. Background

On February 15, 2007, Yates Petroleum Corporation (YPC) submitted to the NMOCD District II office a Form C-141 Initial (Appendix A) for the release of 4 barrels crude oil and 100 barrels produced water with 3 barrels crude oil and 70 barrels produced water recovered. The affected area was approximately twenty (20) feet by fifty (50) feet inside the battery berm. Although there are no available documents for this release on the NMOCD Imaging site, there is record of the release in E-Permitting which states the incident date. There are NMOCD Received stamps on the original C-141 Initial and C-141 Final Closure Report (Appendix D).

III. Scope of Work Completed

As stated in the site Status notes, excavation of the site started on February 27, 2007. Due to numerous precipitation events, excavation activities were restricted drawing out the project longer than had been anticipated with excavation completing on March 29, 2007. On April 9, 2007, notification of confirmation sampling was submitted to NMOCD District II, with a reply email providing permission to proceed received from NMOCD District II on April 10, 2007. After analytical results for the sampling event had been received, YPC met with Mike Bratcher (NMOCD) in person on April 25, 2007, to discuss the results. At that meeting, verbal approval of closure was provided to YPC, as well as permission to commence backfill operations. Notes of these activities and correspondence can be found in Appendix C.

A C-141 Final Closure Report with analytical results was submitted to and received by NMOCD on May 9, 2007, which is evidenced by the receipt stamp on the original Closure Report and C-141 Final document.

IV. Closure Request

This release, remediation work, and original C-141 Final submission occurred prior to the passage of the current Spill Rule (NMAC 19.15.29). Based on the confirmation soil analytical results and the verbal approval for closure from NMOCD after review of the confirmation sampling results, EOG Resources, Inc. believes enough evidence is provided to substantiate that remedial activities were completed correctly for the time period, and requests Closure of nKMW0736139801 (2RP-82), the current C-141 Closure Form is included with this Closure Report as Appendix E.

Appendix A

C-141 Initial (Original)

Page 6 of 57
Received by OCD: 4/28/2022 1:51:59 PM
Released to Imaging: 2/6/2023 10:09:56 AM

District I
625 N. French Dr., Hobbs, NM 88240
District II
301 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		Telephone No. 505.748.1471
Facility Name WARBIRD BEO FEDERAL COM I	API Number 30-005-63683	Facility Type TANK BATTERY
Surface Owner FEE	Mineral Owner FEDERAL	Lease No.

LOCATION OF RELEASE

Unit Letter A	Section 8	Township 6S	Range 27E	Feet from the 660	North/South Line NORTH	Feet from the 660	East/West Line EAST	County CHAVES
------------------	--------------	----------------	--------------	----------------------	---------------------------	----------------------	------------------------	------------------

Latitude 33.81439 Longitude 104.20800

NATURE OF RELEASE

Type of Release CRUDE OIL AND PRODUCED WATER	Volume of Release 4 B/O AND 100 B/PW	Volume Recovered 3 B/O AND 70 B/PW
Source of Release TANK	Date and Hour of Occurrence 2/1/07 AM	Date and Hour of Discovery 2/1/07 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.*

TRANSFER PUMP FAILED TO START. RESTARTED PUMP.

Describe Area Affected and Cleanup Action Taken.*

APPROXIMATELY 20' X 50' AREA AFFECTED. ALL FLUIDS CONTAINED WITHIN BERMED AREA. VACUUMED STANDING FLUIDS. SITE BEING EVALUATED. WORK PLAN TO FOLLOW.

Depth to ground water: >75' and <100'; Wellhead protection area? NO; Distance to surface water body: >1000'. SITE RANKING: 10.

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:	Expiration Date:
E-mail Address: sherryb@ypcnm.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: February 15, 2007		Phone: 505.748.1471	

* Attach Additional Sheets If Necessary

Appendix B

Sampling Notification (Original)

Sherry Bonham

From: Bratcher, Mike, EMNRD [mike.bratcher@state.nm.us]
Sent: Tuesday, April 10, 2007 8:53 AM
To: Sherry Bonham
Cc: Jerry Fanning
Subject: RE: Warbird BEO 1 Sample Event

Sherry,

This sampling event is scheduled. In the event an OCD representative is unavailable to be present, please proceed with obtaining samples.

Thank you,

Mike Bratcher
NMOCD District 2

From: Sherry Bonham [mailto:sherryb@YPCNM.COM]
Sent: Monday, April 09, 2007 2:31 PM
To: Bratcher, Mike, EMNRD
Cc: Jerry Fanning
Subject: Warbird BEO 1 Sample Event

Mike,
I would like to request a confirmation sampling event at the Warbird BEO #1 (8-T6S-R27E) on Wednesday, April 11, 2007 at 11:00 AM (weather permitting). I also ask that this e-mail serve as the 24 hour notice to give you opportunity to witness.

If you have any questions, please don't hesitate to contact me and should I not hear from you, I will assume that you are in agreement. Thanks, Mike.

Sherry

This inbound email has been scanned by the MessageLabs Email Security System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient (s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

4/12/2007

Appendix C

NMOCD/YPC Correspondence & Notes

Sherry Bonham

From: Sherry Bonham
Sent: Wednesday, April 25, 2007 4:08 PM
To: 'Bratcher, Mike, EMNRD'
Subject: Warbird BEO Fed Com 1 backfilling

Mike,

Thank you for meeting with me this afternoon to discuss the analytical report and the backfilling of the Warbird BEO Fed Com 1. This e-mail is to confirm the analytical results support backfilling and Yates may proceed with backfilling procedures. The final report C-141 will follow when backfilling is complete.

If you have any questions, please don't hesitate to contact me and should I not hear from you, I will assume that you are in agreement.

Thanks.

Sherry Bonham

4/26/2007

STATUS**SITE RANKING: 10**Depth to GW: $\geq 50'$ & $< 100'$. Wellhead protection? NO. Distance Surface Water: $\geq 1000'$.Well/Location Name **WARBIRD BEO FEDERAL COM 1** API: 30-005-63683 FOREMAN: **PAUL HANES**

Sec. 8 T 6S R 27E Unit A Latitude: 33.81439 Longitude: 104.20800

Directions: GO NORTHEAST OF ROSWELL, NM ON HWY 70 FOR APPROXIMATELY 28 MILES TO OLIVE ROAD (JUST PAST MARKER 362). TURN ON OLIVE ROAD AND GO NORTH FOR APPROXIMATELY 11.1 MILES TO CAPROCK ROAD. TURN LEFT ON CAPROCK ROAD AND GO EAST FOR APPROX. 0.9 OF A MILE. TURN LEFT, GO THRU CATTLE GUARD AND GO PAST FRONT OF THE HOUSE AND AROUND THE CORRALS. GO THRU 2 MORE CATTLE GUARDS, TURN RIGHT ON LEASE ROAD, JUST BEFORE ANOTHER CATTLE GUARD TURN LEFT (WEST). GO WEST FOR APPROX. 0.6 MILES. THE BIPLANE UNIT COM #4 IS ON THE LEFT, CONTINUE FOR APPROX. 0.2 OF A MILE TO A "Y" IN THE ROAD, TAKE RIGHT FORK (TWO TRACK ROAD) TO BATBED WIRE FENCE GATE, GO THRU GATE AND CONTINUE FOR APPROX. 1.4 MILES, TURN RIGHT AT ABANDONED WINDMILL, CONTINUE FOR APPROX. 0.5 OF A MILE, THE LOCATION IS ON THE RIGHT SIDE.

Date	Comment
2-13-07	Paul Hanes notified S. Bonham ^{per phone call} there had been a spill. Will get a spill report into my office. Spill occurred 2-1-07.
2-14-07	Rec'd spill report. Release 4 B/O & 100 B/PW. Recovered 3 B/O and 70 B/PW.
2-14-07	2:30 PM Discussed with Mike Bratcher NMOC D. Mike Bratcher said "no big deal" just submit C-141. Mr. Bratcher said, "Won't make a big deal of it - the production department had (probably taken care) of which it wasn't reported and he knew Yates would get on it and clean it up. He would treat as if it had been reported."
2-15-07	Submitted C-141 to NMOC D-Dist 2.
2-19-07	Obtained Sample @ 6" + 12" depths.
2-20-07	S. Bonham called Paul Hanes regarding clean-up. He stated he would have a backhoe on site to start cleanup activities on 2-21 or 2-22-07.
2-21-07	Yates lab results: 6" - TPH 23720; 12" - TPH 1180
2-27-07	Paul Hanes called. Starting on excavation today.
3-12-07	Paul Hanes said B+B Backhoe to be moving back to site.
3-22-07	Met w/ Paul Hanes and Buddy Grantham of B+B. Test soil samples w/ PID to delineate.
3-26-07	Paul Hanes stated rain is slowing progress
3-29-07	Site Visit for purpose of obtaining preliminary samples. I expressed concern about stability of tank to Buddy. He said he thought it is stable.

STATUS

SITE RANKING: 10

Depth to GW: >50' & <100', Wellhead protection? NO, Distance Surface Water: >1000'.

Well/Location Name **WARBIRD BEO FEDERAL COM 1** API: **30-005-63683** FOREMAN: **PAUL HANES**

Sec. 8 T 6S R 27E Unit A Latitude: 33.81439 Longitude: 104.20800

Directions: GO NORTHEAST OF ROSWELL, NM ON HWY 70 FOR APPROXIMATELY 28 MILES TO OLIVE ROAD (JUST PAST MARKER 362). TURN ON OLIVE ROAD AND GO NORTH FOR APPROXIMATELY 11.1 MILES TO CAPROCK ROAD. TURN LEFT ON CAPROCK ROAD AND GO EAST FOR APPROX. 0.9 OF A MILE. TURN LEFT, GO THRU CATTLE GUARD AND GO PAST FRONT OF THE HOUSE AND AROUND THE CORRALS. GO THRU 2 MORE CATTLE GUARDS, TURN RIGHT ON LEASE ROAD, JUST BEFORE ANOTHER CATTLE GUARD TURN LEFT (WEST). GO WEST FOR APPROX. 0.6 MILES. THE BIPLANE UNIT COM #4 IS ON THE LEFT, CONTINUE FOR APPROX. 0.2 OF A MILE TO A "Y" IN THE ROAD, TAKE RIGHT FORK (TWO TRACK ROAD) TO BATBED WIRE FENCE GATE, GO THRU GATE AND CONTINUE FOR APPROX. 1.4 MILES, TURN RIGHT AT ABANDONED WINDMILL, CONTINUE FOR APPROX. 0.5 OF A MILE, THE LOCATION IS ON THE RIGHT SIDE.

[illegible]

SAMPLE SYNOPSISSITE NAME: Warbird BEO Federal Com 1 Latitude: 33.81439 Longitude: 104.20800 SAMPLE DATE: 2/19/07Section: 8 Township: 6 S Range: 27 E UNIT LETTER: A SITE RANKING: 10 Yates' Lab Results

SAMPLE POINT AND DEPTH	GPS	TPH (ppm)	BTEX (ppm)	CHLORIDES (ppm)	ph
SP 1 6"		23720			
SP 1 12"		1180			

Appendix D

C-141 Final Closure Report (Original)

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

S.P. YATES
CHAIRMAN EMERITUS

JOHN A. YATES
CHAIRMAN OF THE BOARD

PEYTON YATES
PRESIDENT

FRANK YATES, JR.
EXECUTIVE VICE PRESIDENT

JOHN A. YATES, JR.
SENIOR VICE PRESIDENT

Mr. Mike Bratcher
NMOCD – District 2
1301 West Grand
Artesia, NM 88210



May 7, 2007

RE: Warbird BEO Federal Com 1
Unit A, Section 8, T6S, R27E
Chaves County, New Mexico

Dear Mike,

Yates Petroleum Corporation would like to submit for your consideration the enclosed closure report for the above captioned well. The closure report is being submitted to comply with section VII termination of Remedial Action of the New Mexico Oil and gas Conservation Division (OCD) *Guidelines for Remediation of Leaks, Spills and Releases*.

Yates has complied with the closure criteria and based on the analytical report, respectfully requests that no further action is required and requests NMOCD to grant final closure.

Should you have any questions, please don't hesitate to contact me. Thank you.

Sincerely,

Sherry Bonham
Environmental Regulatory Agent

RANDY G. PATTERSON
VICE PRESIDENT

DAVID L. LANNING
ASSISTANT VICE PRESIDENT

DENNIS G. KINSEY
TREASURER

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Received by OCD: 4/28/2022 1:51:59 PM
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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		Telephone No. 505.748.1471
Facility Name WARBIRD BEO FEDERAL COM 1	API Number 30-005-63683	Facility Type TANK BATTERY
Surface Owner FEE	Mineral Owner FEDERAL	Lease No.

LOCATION OF RELEASE

Unit Letter A	Section 8	Township 6S	Range 27E	Feet from the 660	North/South Line NORTH	Feet from the 660	East/West Line EAST	County CHAVES
------------------	--------------	----------------	--------------	----------------------	---------------------------	----------------------	------------------------	------------------

Latitude 33.81439 Longitude 104.20800

NATURE OF RELEASE

Type of Release CRUDE OIL AND PRODUCED WATER	Volume of Release 1 B/O AND 100 B/PW	Volume Recovered 3 B/O AND 70 B/PW
Source of Release TANK	Date and Hour of Occurrence 2/1/07 AM	Date and Hour of Discovery 2/1/07 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.*

TRANSFER PUMP FAILED TO START. RESTARTED PUMP.

Describe Area Affected and Cleanup Action Taken.*

APPROXIMATELY 20' X 50' AREA AFFECTED. ALL FLUIDS CONTAINED WITHIN BERMED AREA. VACUUMED STANDING FLUIDS. SITE BEING EVALUATED. WORK PLAN TO FOLLOW.

REMEDIATION ACTIVITIES COMPLETE. REQUESTING CLOSURE TO INCIDENT. FINAL REPORT C-141.

Depth to ground water: >75' and <100'; Wellhead protection area? NO; Distance to surface water body: >1000'. SITE RANKING: 10.

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:

Printed Name: Sherry Bonham

Title: Environmental Regulatory Agent

E-mail Address: sherryb@ypenm.com

Date: May 7, 2007

Phone: 505.748.1471

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐



CLOSURE COMPLIANCE REPORT

WARBIRD BEO FEDERAL COM 1

8 T6S R27E

CHAVES COUNTY, NEW MEXICO

May 4, 2007

Warbird BEO Federal Com 1
Section 8, T6S, R27E
Yates Petroleum Corporation
May 4, 2007

INTRODUCTION

This closure report for the Warbird BEO Federal Com 1 has been developed to comply with Section VII Termination of Remedial Action of the New Mexico Oil and Gas Conservation Division (OCD).

BACKGROUND

Yates Petroleum Corporation (Yates) is the operator of the Warbird BEO Federal Com #1 site. The initial release was caused by a transfer pump failing to start. All fluids were contained within the bermed battery. A vacuum truck was called in and recovered standing fluids. Yates submitted the Initial Report Form C-141 on February 15, 2007. A copy of the Initial Report C-141 is included as Attachment A.

RECOMMENDED REMEDIAL ACTION LEVELS

Based on Section IV of the Guidelines, the Ranking Criteria for this site is as follows:

• Depth to ground water >50' & <100'	10
• Not in well head protection area	0
• Distance to surface water body >1000'	0
TOTAL RANKING SCORE	10

For sites with a Total Ranking Score of 10, the Recommended Remedial Action Levels (RRALs) are:

• Benzene (ppm)	10
• BTEX (ppm)	50
• TPH (ppm)	1000

HISTORY

Affected soils were excavated and disposed at an NMOCD approved disposal facility. On April 11, 2007, Sherry Bonham of Yates Petroleum Corporation went to the Warbird BEO Federal Com 1 for the purpose of collecting confirmation samples. NMOCD District 2 was given opportunity to witness. Sampling equipment was cleaned with Alconox® using a hand scrub brush, rinsed with de-ionized water, and allowed to air dry before beginning each boring. The soil samples were placed into clean, sample jars provided by the analytical laboratory and placed on ice.

Samples were delivered to Environmental Lab of Texas who performed the chemical analyses. The samples were analyzed for Chlorides, TPH by EPA Method 8015B, and BTEX by EPA Method 8021B. Results of sample analyses were below RRALs indicating that the site could be backfilled. A copy of the sample point diagram, and the laboratory report is included as Attachment B.

Based on the analyses of the confirmation sample event, Yates' request to backfill was approved by NMOCD-District 2 on April 25, 2007.

CLOSURE REQUEST

Remediation processes have been completed. Site has been backfilled to grade.

Yates Petroleum Corporation respectfully requests no further remediation actions are required and closure to this incident be granted. Included is a Final Report C-141 requesting closure.

Attachment A

Page 21 of 57
Received by OCD: 4/28/2022 1:51:59 PM
Released to Imaging: 2/6/2023 10:09:56 AM

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Form C-141
Revised October 10, 2003

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By Whom? N/A	Date and Hour N/A	
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If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

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APPROXIMATELY 20' X 50' AREA AFFECTED. ALL FLUIDS CONTAINED WITHIN BERMED AREA. VACUUMED STANDING FLUIDS. SITE BEING EVALUATED. WORK PLAN TO FOLLOW.

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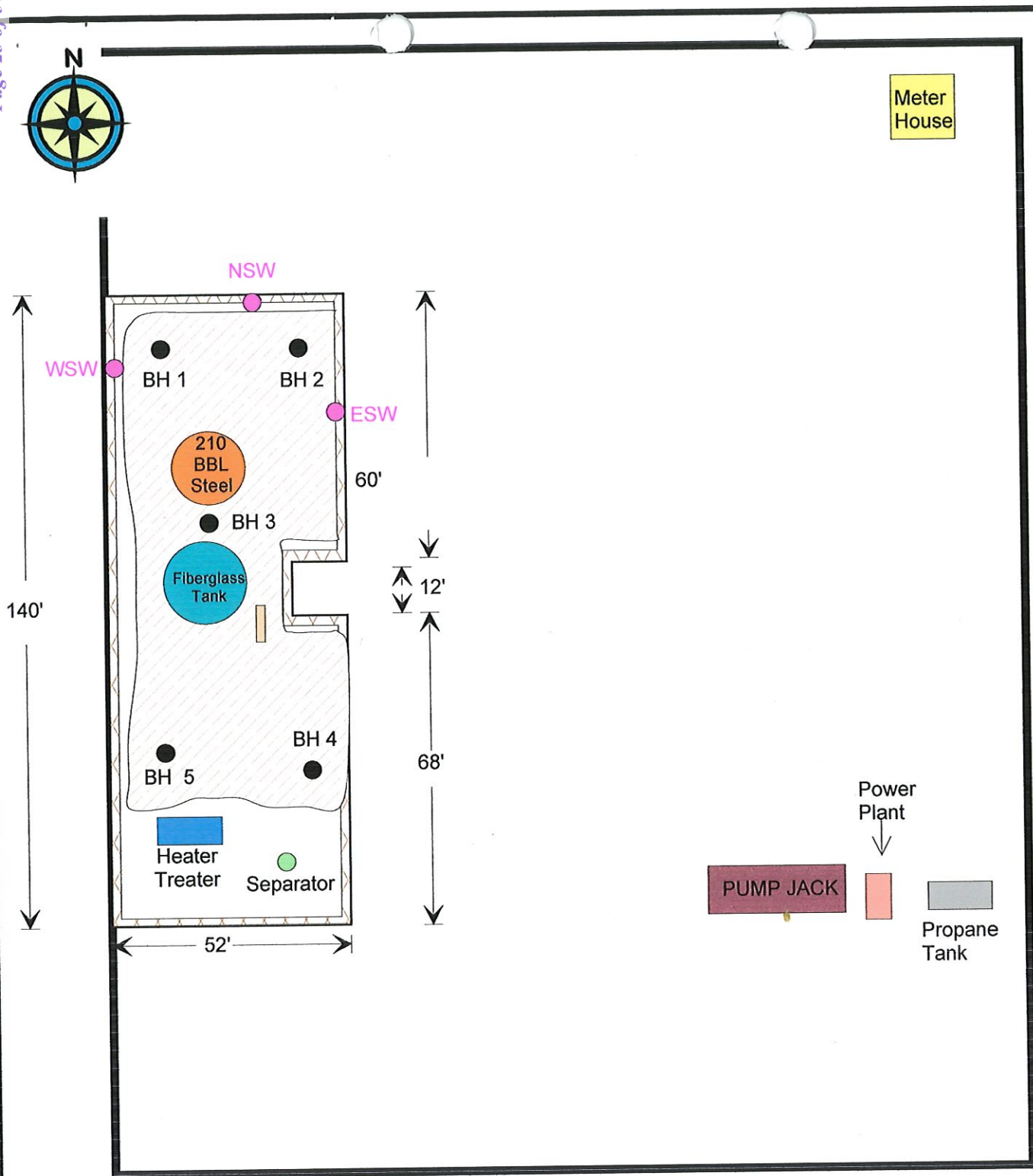
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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.

OIL CONSERVATION DIVISION

Signature 	Approved by District Supervisor:		
Printed Name: Sherry Bonham			
Title: Environmental Regulatory Agent	Approval Date:	Expiration Date:	
E-mail Address: sherryb@ypcnm.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: February 15, 2007	Phone: 505.748.1471		

Attach Additional Sheets If Necessary

Attachment B



Warbird BEO 1
Sec. 8 T6S R27E
Chaves County, NM

CONFIRMATION SAMPLE POINT
DIAGRAM
SAMPLE DATE: APRIL 11, 2007
(Not to Scale)

SAMPLE SYNOPSIS

WV 95:60:01 E202/9/2 :gungawu ot pasawel
Released

SITE NAME: WARBIRD BEO FED COM 1 Latitude: 33.81439 Longitude: 104.20800 SAMPLE DATE: APRIL 11, 2007

Section: 8 Township: 6S Range: 27R UNIT LETTER: A SITE RANKING: 10

SAMPLE POINT AND DEPTH	GPS	TPH (ppm)	BTEX (ppm)	CHLORIDES (ppm)	ph
BH-1	33.81468N 104.20840W	ND	ND	22.2	
BH-2	33.81464N 104.20828W	ND	ND	15.4	
BH-3	33.81459N 104.20833W	ND	ND	1190	
BH-4	33.81440N 104.20824W	58.6	ND	24.6	
BH-5	33.81443N 104.20834W	410	ND	4900	
WSW	33.81466N 104.20841W	ND	ND	12.5	
NSW	33.81470N 104.20831W	ND	ND	34.6	
ESW	33.81463N 104.20826W	ND	ND	801	



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: Warbird Beo Fed Com 1

Project Number: None Given

Location: 8-6S-27E

Lab Order Number: 7D13009

Report Date: 04/23/07

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

Project: Warbird Beo Fed Com 1
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	7D13009-01	Soil	04/11/07 11:15	04-13-2007 10:00
BH-2	7D13009-02	Soil	04/11/07 11:26	04-13-2007 10:00
BH-3	7D13009-03	Soil	04/11/07 11:34	04-13-2007 10:00
BH-4	7D13009-04	Soil	04/11/07 11:47	04-13-2007 10:00
BH-5	7D13009-05	Soil	04/11/07 11:58	04-13-2007 10:00
WSW	7D13009-06	Soil	04/11/07 12:08	04-13-2007 10:00
NSW	7D13009-07	Soil	04/11/07 12:13	04-13-2007 10:00
ESW	7D13009-08	Soil	04/11/07 12:18	04-13-2007 10:00

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

Project: Warbird Beo Fed Com 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 (7D13009-01) 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		79.2 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		75.4 %	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		88.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		94.8 %	70-130		"	"	"	"	
BH-2 (7D13009-02) 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		79.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		75.2 %	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: 1-Chlorooctane		95.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		109 %	70-130		"	"	"	"	
BH-3 (7D13009-03) 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		78.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		77.0 %	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	"	"	"	"	"	"	

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

Project: Warbird Beo Fed Com 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-3 (7D13009-03) Soil									
Surrogate: 1-Chlorooctane		85.8 %	70-130		ED71319	04/13/07	04/17/07	EPA 8015B	
Surrogate: 1-Chlorooctadecane		103 %	70-130		"	"	"	"	
BH-4 (7D13009-04) 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		79.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		77.2 %	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	58.6	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	58.6	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		85.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		102 %	70-130		"	"	"	"	
BH-5 (7D13009-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED71304	04/13/07	04/13/07	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		89.4 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.0 %	75-125		"	"	"	"	
Carbon Ranges C6-C10	15.2	10.0	mg/kg dry	1	ED71319	04/13/07	04/17/07	EPA 8015B	
Carbon Ranges >C10-C28	395	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	410	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		97.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		112 %	70-130		"	"	"	"	

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

Project: Warbird Beo Fed Com 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
WSW (7D13009-06) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71704	04/17/07	04/17/07	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		79.4 %	75-125		"	"	"	"	
Surrogate: 4-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: 1-Chlorooctane		108 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		112 %	70-130		"	"	"	"	
NSW (7D13009-07) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71704	04/17/07	04/17/07	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		79.2 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.2 %	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: 1-Chlorooctane		88.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		104 %	70-130		"	"	"	"	
ESW (7D13009-08) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED71704	04/17/07	04/17/07	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		86.6 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.4 %	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	"	"	"	"	"	"	

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

Project: Warbird Beo Fed Com 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
ESW (7D13009-08) Soil									
Surrogate: 1-Chlorooctane		90.4 %	70-130		ED71319	04/13/07	04/17/07	EPA 8015B	
Surrogate: 1-Chlorooctadecane		102 %	70-130		"	"	"	"	

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

Project: Warbird Beo Fed Com 1
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 (7D13009-01) Soil									
% Moisture	3.4	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
BH-2 (7D13009-02) Soil									
% Moisture	3.2	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
BH-3 (7D13009-03) Soil									
% Moisture	7.0	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
BH-4 (7D13009-04) Soil									
% Moisture	4.0	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
BH-5 (7D13009-05) Soil									
% Moisture	4.5	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
WSW (7D13009-06) Soil									
% Moisture	1.6	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
NSW (7D13009-07) Soil									
% Moisture	7.8	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	
ESW (7D13009-08) Soil									
% Moisture	6.4	0.1	%	1	ED71702	04/13/07	04/14/07	% calculation	

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

Project: Warbird Beo Fed Com 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
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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: Warbird Beo Fed Com 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
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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: Warbird Beo Fed Com 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
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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			

Batch ED71704 - EPA 5030C (GC)

Blank (ED71704-BLK1)	Prepared & Analyzed: 04/17/07									
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	41.6		ug/kg	50.0		83.2	75-125			
Surrogate: 4-Bromofluorobenzene	41.6		"	50.0		83.2	75-125			

LCS (ED71704-BS1)	Prepared & Analyzed: 04/17/07									
Benzene	0.0524	0.00100	mg/kg wet	0.0500		105	80-120			
Toluene	0.0527	0.00100	"	0.0500		105	80-120			
Ethylbenzene	0.0524	0.00100	"	0.0500		105	80-120			
Xylene (p/m)	0.104	0.00100	"	0.100		104	80-120			
Xylene (o)	0.0558	0.00100	"	0.0500		112	80-120			
Surrogate: a,a,a-Trifluorotoluene	50.6		ug/kg	50.0		101	75-125			
Surrogate: 4-Bromofluorobenzene	48.0		"	50.0		96.0	75-125			

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105 S. Fourth St.
Artesia NM, 88210

Project: Warbird Beo Fed Com 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 ED71704 - EPA 5030C (GC)

Calibration Check (ED71704-CCV1)

Prepared & Analyzed: 04/17/07

Benzene	58.8		ug/kg	50.0		118	80-120			
Toluene	57.8		"	50.0		116	80-120			
Ethylbenzene	59.0		"	50.0		118	80-120			
Xylene (p/m)	109		"	100		109	80-120			
Xylene (o)	60.1		"	50.0		120	80-120			
Surrogate: a,a,a-Trifluorotoluene	51.1		"	50.0		102	75-125			
Surrogate: 4-Bromofluorobenzene	50.6		"	50.0		101	75-125			

Matrix Spike (ED71704-MS1)

Source: 7D13009-06

Prepared & Analyzed: 04/17/07

Benzene	0.0993	0.00200	mg/kg dry	0.102	ND	97.4	80-120			
Toluene	0.100	0.00200	"	0.102	ND	98.0	80-120			
Ethylbenzene	0.102	0.00200	"	0.102	ND	100	80-120			
Xylene (p/m)	0.191	0.00200	"	0.203	ND	94.1	80-120			
Xylene (o)	0.104	0.00200	"	0.102	ND	102	80-120			
Surrogate: a,a,a-Trifluorotoluene	44.4		ug/kg	50.0		88.8	75-125			
Surrogate: 4-Bromofluorobenzene	43.5		"	50.0		87.0	75-125			

Matrix Spike Dup (ED71704-MSD1)

Source: 7D13009-06

Prepared & Analyzed: 04/17/07

Benzene	0.0959	0.00200	mg/kg dry	0.102	ND	94.0	80-120	3.55	20	
Toluene	0.0960	0.00200	"	0.102	ND	94.1	80-120	4.06	20	
Ethylbenzene	0.101	0.00200	"	0.102	ND	99.0	80-120	1.01	20	
Xylene (p/m)	0.185	0.00200	"	0.203	ND	91.1	80-120	3.24	20	
Xylene (o)	0.101	0.00200	"	0.102	ND	99.0	80-120	2.99	20	
Surrogate: a,a,a-Trifluorotoluene	46.0		ug/kg	50.0		92.0	75-125			
Surrogate: 4-Bromofluorobenzene	45.8		"	50.0		91.6	75-125			

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Page 10 of 12

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

Project: Warbird Beo Fed Com 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 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	

Environmental Lab of Texas

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Page 11 of 12

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

Project: Warbird Beo Fed Com 1
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: 4/23/2007

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

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

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OCD: 4/28/2022 1:51:59 PM
Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Sherry Bonham

Project Name: WARBIRD BEO FED COM

Company Name	Yates Petroleum Corporation
--------------	-----------------------------

Project #:

Company Address: 105 S 4th Street

Project Loc: 8-6S-27E

City/State/Zip: Artesia, NM 88210

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Ω

Telephone No: 505-748-4162 or 505-513-1529

505-748-4585 (Please include cover sheet)

Fax No:

Sampler Signature:

sherryb@ypcnm.com

e-mail:

LAB # (lab use only)		FIELD CODE		Beginning Depth		Ending Depth		Date Sampled	Time Sampled	Field Filtered	Preservation & # of Containers										Matrix	TCLP:										TOTAL:										Analyze For:										
LAB # (lab use only)		FIELD CODE		Beginning Depth		Ending Depth		Date Sampled	Time Sampled	Field Filtered	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid	NP=Non-Potable B=Becky Other	TPH: TX 1005	TPH: 418.1 8016M	0015B	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B, 8030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72, 96, 120, 144, 168, 192, 216, 240, 264, 288, 312, 336, 360, 384, 408, 432, 456, 480, 504, 528, 552, 576, 600, 624, 648, 672, 696, 720, 744, 768, 792, 816, 840, 864, 888, 912, 936, 960, 984, 1008, 1032, 1056, 1080, 1104, 1128, 1152, 1176, 1200, 1224, 1248, 1272, 1296, 1320, 1344, 1368, 1392, 1416, 1440, 1464, 1488, 1512, 1536, 1560, 1584, 1608, 1632, 1656, 1680, 1704, 1728, 1752, 1776, 1800, 1824, 1848, 1872, 1896, 1920, 1944, 1968, 1992, 2016, 2040, 2064, 2088, 2112, 2136, 2160, 2184, 2208, 2232, 2256, 2280, 2304, 2328, 2352, 2376, 2400, 2424, 2448, 2472, 2496, 2520, 2544, 2568, 2592, 2616, 2640, 2664, 2688, 2712, 2736, 2760, 2784, 2808, 2832, 2856, 2880, 2904, 2928, 2952, 2976, 3000, 3024, 3048, 3072, 3096, 3120, 3144, 3168, 3192, 3216, 3240, 3264, 3288, 3312, 3336, 3360, 3384, 3408, 3432, 3456, 3480, 3504, 3528, 3552, 3576, 3600, 3624, 3648, 3672, 3696, 3720, 3744, 3768, 3792, 3816, 3840, 3864, 3888, 3912, 3936, 3960, 3984, 4008, 4032, 4056, 4080, 4104, 4128, 4152, 4176, 4200, 4224, 4248, 4272, 4296, 4320, 4344, 4368, 4392, 4416, 4440, 4464, 4488, 4512, 4536, 4560, 4584, 4608, 4632, 4656, 4680, 4704, 4728, 4752, 4776, 4800, 4824, 4848, 4872, 4896, 4920, 4944, 4968, 4992, 5016, 5040, 5064, 5088, 5112, 5136, 5160, 5184, 5208, 5232, 5256, 5280, 5304, 5328, 5352, 5376, 5400, 5424, 5448, 5472, 5496, 5520, 5544, 5568, 5592, 5616, 5640, 5664, 5688, 5712, 5736, 5760, 5784, 5808, 5832, 5856, 5880, 5904, 5928, 5952, 5976, 6000, 6024, 6048, 6072, 6096, 6120, 6144, 6168, 6192, 6216, 6240, 6264, 6288, 6312, 6336, 6360, 6384, 6408, 6432, 6456, 6480, 6504, 6528, 6552, 6576, 6600, 6624, 6648, 6672, 6696, 6720, 6744, 6768, 6792, 6816, 6840, 6864, 6888, 6912, 6936, 6960, 6984, 7008, 7032, 7056, 7080, 7104, 7128, 7152, 7176, 7200, 7224, 7248, 7272, 7296, 7320, 7344, 7368, 7392, 7416, 7440, 7464, 7488, 7512, 7536, 7560, 7584, 7608, 7632, 7656, 7680, 7704, 7728, 7752, 7776, 7800, 7824, 7848, 7872, 7896, 7920, 7944, 7968, 7992, 8016, 8040, 8064, 8088, 8112, 8136, 8160, 8184, 8208, 8232, 8256, 8280, 8304, 8328, 8352, 8376, 8400, 8424, 8448, 8472, 8496, 8520, 8544, 8568, 8592, 8616, 8640, 8664, 8688, 8712, 8736, 8760, 8784, 8808, 8832, 8856, 8880, 8904, 8928, 8952, 8976, 9000, 9024, 9048, 9072, 9096, 9120, 9144, 9168, 9192, 9216, 9240, 9264, 9288, 9312, 9336, 9360, 9384, 9408, 9432, 9456, 9480, 9504, 9528, 9552, 9576, 9600, 9624, 9648, 9672, 9696, 9720, 9744, 9768, 9792, 9816, 9840, 9864, 9888, 9912, 9936, 9960, 9984, 10000										RUSH TAT (Pre-Schedule) 24, 48, 72, 96, 120, 144, 168, 192, 216, 240, 264, 288, 312, 336, 360, 384, 408, 432, 456, 480, 504, 528, 552, 576, 600, 624, 648, 672, 696, 720, 744, 768, 792, 816, 840, 864, 888, 912, 936, 960, 984, 1008, 1032, 1056, 1080, 1104, 1128, 1152, 1176, 1200, 1224, 1248, 1272, 1296, 1320, 1344, 1368, 1392, 1416, 1440, 1464, 1488, 1512, 1536, 1560, 1584, 1608, 1632, 1656, 1680, 1704, 1728, 1752, 1776, 1800, 1824, 1848, 1872, 1896, 1920, 1944, 1968, 1992, 2016, 2040, 2064, 2088, 2112, 2136, 2160, 2184, 2208, 2232, 2256, 2280, 2304, 2328, 2352, 2376, 2400, 2424, 2448, 2472, 2496, 2520, 2544, 2568, 2592, 2616, 2640, 2664, 2688, 2712, 2736, 2760, 2784, 2808, 2832, 2856, 2880, 2904, 2928, 2952, 2976, 3000, 3024, 3048, 3072, 3096, 3120, 3144, 3168, 3192, 3216, 3240, 3264, 3288, 3312, 3336, 3360, 3384, 3408, 3432, 3456, 3480, 3504, 3528, 3552, 3576, 3600, 3624, 3648, 3672, 3696, 3720, 3744, 3768, 3792, 3816, 3840, 3864, 3888, 3912, 3936, 3960, 3984, 4008, 4032, 4056, 4080, 4104, 4128, 4152, 4176, 4200, 4224, 4248, 4272, 42									

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Vates
Date/ Time: 4/13/07 10:00
Lab ID #: 7D13009
Initials: CR

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



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: Warbird Beo Fed Com 1

Project Number: None Given

Location: 8-6S-27E

Lab Order Number: 7D13009

Report Date: 04/23/07

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

Project: Warbird Beo Fed Com 1
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	7D13009-01	Soil	04/11/07 11:15	04-13-2007 10:00
BH-2	7D13009-02	Soil	04/11/07 11:26	04-13-2007 10:00
BH-3	7D13009-03	Soil	04/11/07 11:34	04-13-2007 10:00
BH-4	7D13009-04	Soil	04/11/07 11:47	04-13-2007 10:00
BH-5	7D13009-05	Soil	04/11/07 11:58	04-13-2007 10:00
WSW	7D13009-06	Soil	04/11/07 12:08	04-13-2007 10:00
NSW	7D13009-07	Soil	04/11/07 12:13	04-13-2007 10:00
ESW	7D13009-08	Soil	04/11/07 12:18	04-13-2007 10:00

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

Project: Warbird Beo Fed Com 1
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 (7D13009-01) Soil									
Chloride	22.2	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
BH-2 (7D13009-02) Soil									
Chloride	15.4	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
BH-3 (7D13009-03) Soil									
Chloride	1190	25.0	mg/kg	50	ED72010	04/20/07	04/20/07	EPA 300.0	
BH-4 (7D13009-04) Soil									
Chloride	24.6	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
BH-5 (7D13009-05) Soil									
Chloride	4900	50.0	mg/kg	100	ED72010	04/20/07	04/20/07	EPA 300.0	
WSW (7D13009-06) Soil									
Chloride	12.5	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
NSW (7D13009-07) Soil									
Chloride	34.6	5.00	mg/kg	10	ED72010	04/20/07	04/20/07	EPA 300.0	
ESW (7D13009-08) Soil									
Chloride	801	10.0	mg/kg	20	ED72010	04/20/07	04/20/07	EPA 300.0	

Environmental Lab of Texas

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Page 2 of 4

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

Project: Warbird Beo Fed Com 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			

Environmental Lab of Texas

A Xenco Laboratories Company

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Page 3 of 4

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

Project: Warbird Beo Fed Com 1
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: 4/23/2007

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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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

A Xenco Laboratories Company

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Page 4 of 4

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Vates
Date/ Time: 4/13/07 10:00
Lab ID #: 7D13009
Initials: CR

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	<u>1.0</u> °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELOT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	<u>Yes</u>	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



3/29/2007



3/29/2007



Appendix E

C-141 Closure (Current Form)

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nKMW0736139801
District RP	2RP-82
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) nKMW0736139801
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 33.81439 Longitude -104.20800
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Warbird BEO Federal Com #1	Site Type Battery
Date Release Discovered 02/01/2007	API# (if applicable) 30-005-63683

Unit Letter	Section	Township	Range	County
A	8	6S	27E	Chaves

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 4	Volume Recovered (bbls) 3
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 100	Volume Recovered (bbls) 70
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Please refer to original C-141 for details of 2RP-82.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume released was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Mike Bratcher	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chase Settle</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u>Chase Settle</u>	Date: <u>04/22/2022</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

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

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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Oil Conservation Division

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Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 04/22/2022
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: OCD Date: 4/28/2022

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

Closure Approved by: Ashley Maxwell Date: 2/06/2023
 Printed Name: Ashley Maxwell Title: Environmental Specialist

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 102520

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 102520
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/6/2023