

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

JUL 10 2008
OCD-ARTESIA

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

i GEG 0735451410
n GEG 0735451350

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street		Telephone No. 505-748-1471
Facility Name Salt Grass WS Federal #1	API Number 30-005-61945	Facility Type Battery
Surface Owner State	Mineral Owner State	Lease No. NM-38476

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	26	168 145	27E	1980	South	660	East	Chaves

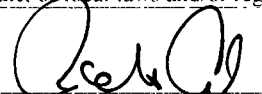

Latitude 33.07216 Longitude 104.19913

NATURE OF RELEASE

Type of Release Condensate & Produced Water	Volume of Release 70 B/C & 10 B/PW	Volume Recovered 0 B/C & 0 B/PW
Source of Release Stock tank	Date and Hour of Occurrence 12/17/2007 - PM	Date and Hour of Discovery 12/17/2007 - PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher, OCD, District II (Voicemail & E-mail)	
By Whom? Robert Asher, Yates Petroleum Corporation	Date and Hour 12/17/2007, 4:20 PM	
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.* Drain valve froze and broke on stock tank causing release. Crew called to start picking up contaminated soils.		

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 18' X 20' (inside battery), 18' X 35' (well pad) & 2' X 50' (north side of lease road). Contaminated soils have been excavated and disposed at an OCD approved facility. Vertical and horizontal delineation will be made and corrective action taken. Remediation work complete per work plan. **Depth to Ground Water: 50'-99' (approximately 75' per trend map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10. Based on remediation work, enclosed analytical report(s), Yates Petroleum Corporation requests closure.**

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: Robert Asher	Approved by District Supervisor: 	
Title: Environmental Regulatory Agent	Approval Date: 8-4-08	Expiration Date: N/A
E-mail Address: boba@ypcnm.com	Conditions of Approval: N/A	Attached <input type="checkbox"/> N/A
Date: Friday, July 11, 2008	Phone: 505-748-4217	

* Attach Additional Sheets If Necessary

2RP-204

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

S.P. YATES
CHAIRMAN EMERITUS

JOHN A. YATES
CHAIRMAN OF THE BOARD

FRANK YATES, JR.
PRESIDENT

PEYTON YATES
DIRECTOR

JOHN A. YATES, JR.
DIRECTOR

July 11, 2008

JUL 10 2008
OCD-ARTESIA

Mr. Mike Bratcher
NMOCD District II
1301 W. Grand Ave.
Artesia, NM 88210

RE: Salt Grass WS Federal #1
30-005-61945
Section 26, T14S-R27E
Chaves County, New Mexico

Dear Mr. Bratcher,

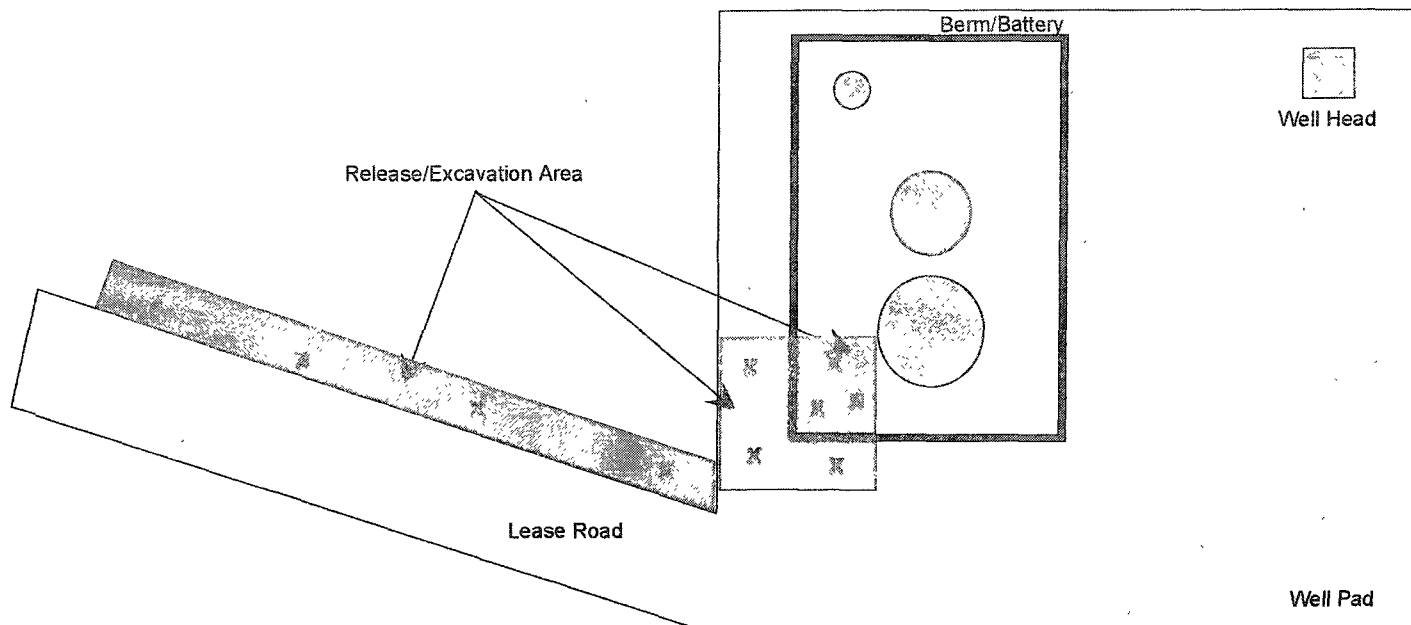
Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on December 17, 2007 (70 B/Condensate & 10 B/PW with 0 B/Condensate & 0 B/PW recovered). Soils were excavated to a depth of two (2) feet and taken to an OCD approved facility, composite samples were taken on 1/3/2008 and 1/10/2008 (Site Sample Diagram - A). A work plan was submitted and approved, per the work plan an additional two (2) feet of contaminated soils were excavated, placed on plastic, bermed and remediated (nitrogen fertilizer, watered and tilled during a four month period until analytical results were below RRAL's, Site Sample Diagram - B). Enclosed are analytical results, results are within the RRAL's for BTEX (50 ppm) and TPH (1000 ppm) with the Total Ranking Score of ten (10). All actions taken for remediation of soils do not pose a threat to ground water, surface water, human health or the environment. Yates Petroleum Corporation requests closure of the site. Upon OCD approval the excavation area will be backfilled with onsite remediated soils and any additional clean, like materials if needed.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca



Sample ID	Sample Date	Sample Type	Depth	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)	Chlorides
GS/Comp-001	1/3/2008	Grab/Auger	1'	52.54	1420.0	1010.0	2430.0	<100
GS/Comp-002	1/3/2008	Grab/Auger	2'	14.442	730.0	229.0	959.0	<100
GS/Comp-003	1/3/2008	Grab/Auger	1'	11.058	595.0	312.0	907.0	<100
GS/Comp-004	1/3/2008	Grab/Auger	2'	0.176	47.2	50.0	97.2	<100
GS/Comp-005	1/3/2008	Grab/Auger	1'	149.9	1580.0	2110.0	3690.0	<100
GS/Comp-006	1/3/2008	Grab/Auger	2'	15.06	568.0	478.0	1046.0	<100
Sample ID	Sample Date	Sample Type	Depth	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)	Chlorides
GS/Comp-007	1/10/2008	Grab/Auger	3'	0.0111	ND	23.5	23.5	
GS/Comp-008	1/10/2008	Grab/Auger	3'	154.38	5170.0	1040.0	6210.0	

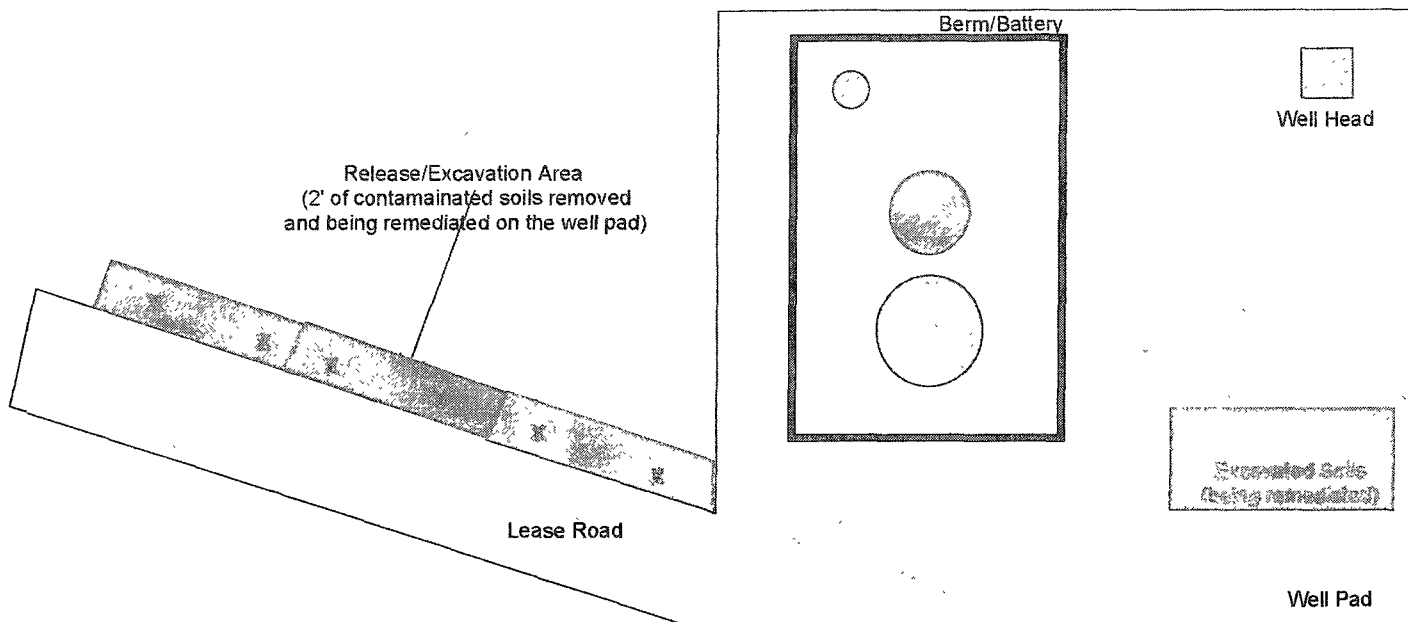
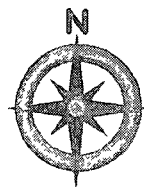
Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 75'). All results are ppm.



Salt Grass WS Federal #1
Section 26, T14S-R27E
Chaves County, NM

SITE SAMPLE DIAGRAM -A
(Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Agent
July 11, 2008



Sample ID	Sample Date	Sample Type	Depth	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)	Chlorides
001	1/28/2008	Grab/Auger	1'				3630.0	
004	1/28/2008	Grab/Auger	2'				160.0	
	1/28/2008	Grab/Auger	1'				100.0	
	1/28/2008	Grab/Auger	1'				120.0	
GS/Comp-001	3/12/2008	Grab/Shovel	4"-12"	17.145	870.0	492.0	1362.0	
GS/Comp-001	4/23/2008	Grab/Shovel	4"-12"	12.3469	866.0	614.0	1480.0	
GS/Comp-001	7/1/2008	Grab/Shovel	4"-12"		ND	79.2	79.2	

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 75'). All results are ppm.



Salt Grass WS Federal #1
Section 26, T14S-R27E
Chaves County, NM

SITE SAMPLE DIAGRAM - B
(Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Agent
July 11, 2008

Analytical Report 307087

for

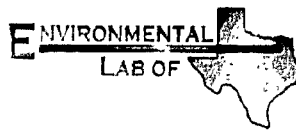
Yates Petroleum Corporation

Project Manager: Robert Asher

Salt Grass WS Federal # 1

30-005-61945

09-JUL-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



09-JUL-08

Project Manager: **Robert Asher**
Yates Petroleum Corporation
105 South Fourth St.
Artesia, NM 88210

Reference: XENCO Report No: **307087**
Salt Grass WS Federal # 1
Project Address: Chaves County

Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 307087. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 307087 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 307087



Yates Petroleum Corporation, Artesia, NM

Salt Grass WS Federal # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Jul-01-08 09:38	4" - 1 ft	307087-001



Certificate of Analysis Summary 307087

Yates Petroleum Corporation, Artesia, NM

Project Name: Salt Grass WS Federal # 1

Project Id: 30-005-61945

Contact: Robert Asher

Project Location: Chaves County

Date Received in Lab: Wed Jul-02-08 10 15 am

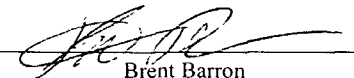
Report Date: 09-JUL-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	307087-001					
	Field Id:	GS/Comp-001					
	Depth:	4"-1 ft					
	Matrix:	SOIL					
	Sampled:	Jul-01-08 09 38					
Percent Moisture	Extracted:						
	Analyzed:	Jul-02-08 16 00					
	Units/RL:	% RL					
Percent Moisture		13.2					
TPH by SW 8015B	Extracted:	Jul-08-08 11 30					
	Analyzed:	Jul-08-08 12 56					
	Units/RL:	mg/kg RL					
C6-C10 Gasoline Range Hydrocarbons		ND 17.3					
C10-C28 Diesel Range Hydrocarbons		79.2 17.3					
Total TPH		79.2					

This analytical report and the entire data package it represents has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F** RPD exceeded lab control limits.
 - J** The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
 - U** Analyte was not detected.
 - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N Falkenburg Rd , Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
6017 Financial Dr , Norcross, GA 30071

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Phone: 432-663-1800
Odessa, Texas 79768 Fax: 432-663-1713

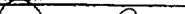
Project Manager Robert Asher

Company Name Yates Petroleum Corporation

Company Address 105 South 4th Street

City/State/Zip Artesia, NM 88210

Telephone No 505-748-4217 Fax No. 505-748-4662

Sampler Signature  e-mail boba@ypcnm.com

Project Name Salt Grass WS Federal #1

Project # 30-005-61945

Project Loc Chaves County

PO #: 105632

Report Format ☒ Standard ☐ TRRP ☐ NPDES

[illegible]

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum
Date/ Time: 7/2/08 10:15
Lab ID #: 307087
Initials: CL

Sample Receipt Checklist

				Client Initials	
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>7.5 °C</u>	
#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)?	<u>Yes</u>	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

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: April 30, 2008

Work Order: 8042315



PO#: 105632
Project Location: Chaves County, NM
Project Name: Salt Grass WS Federal #1
Project Number: 30-005-61945

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
157637	GS/Comp-001	soil	2008-04-22	10:28	2008-04-23

Sample - Field Code	BTEX				TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
157637 - GS/Comp-001	<0.0200	0.0959	0.731	11.5	614	866

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: March 17, 2008

Work Order: 8031320



PO#: 105632
Project Location: Chaves County, NM
Project Name: Salt Grass WS Federal #1
Project Number: 30-005-61945

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
153583	GS/Comp-001	soil	2008-03-12	10:17	2008-03-13

Sample - Field Code	BTX				TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
153583 - GS/Comp-001	<0.100	0.155	1.19	15.8	492	870

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

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CHAIRMAN EMERITUS

JOHN A. YATES
CHAIRMAN OF THE BOARD

FRANK YATES, JR.
PRESIDENT

PEYTON YATES
DIRECTOR

JOHN A. YATES, JR.
DIRECTOR

I certify that on 1/28/2008 tests were conducted on soil samples from the following location:

Salt Grass WS Federal #1

Following are the results of testing.

EPA Method 9074, TPH 001 -- 3660 ppm

EPA Method 9074, TPH 002 -- 100 ppm

EPA Method 9074, TPH 003 -- 120 ppm

EPA Method 9074, TPH 004 -- 160 ppm

All testing was conducted at Yates Petroleum Corporation or on location.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Analytical Report 296011

for

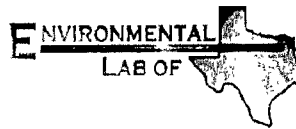
Yates Petroleum Corporation

Project Manager: Robert Asher

Salt Grass WS Federal # 1

30-005-61945

18-JAN-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta



18-JAN-08

Project Manager: **Robert Asher**
Yates Petroleum Corporation
105 South Fourth St.
Artesia, NM 88210

Reference: XENCO Report No: **296011**
Salt Grass WS Federal # 1
Project Address: Chaves County

Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 296011. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 296011 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 296011

Yates Petroleum Corporation, Artesia, NM

Salt Grass WS Federal # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Jan-15-08 09:54	3 - 3 ft	296011-001
GS/Comp-002	S	Jan-15-08 10:12	3 - 3 ft	296011-002



Certificate of Analysis Summary 296011

Yates Petroleum Corporation, Artesia, NM

Project Name: Salt Grass WS Federal # 1

Project Id: 30-005-61945

Contact: Robert Asher

Project Location: Chaves County

Date Received in Lab: Wed Jan-16-08 09 45 am


Report Date: 18-JAN-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	296011-001	296011-002				
	Field Id:	GS/Comp-001	GS/Comp-002				
	Depth:	3-3 ft	3-3 ft				
	Matrix:	SOIL	SOIL				
	Sampled:	Jan-15-08 09 54	Jan-15-08 10 12				
BTEX by EPA 8021B	Extracted:	Jan-17-08 10 40	Jan-17-08 10 40				
	Analyzed:	Jan-17-08 16 13	Jan-17-08 16 29				
	Units/RL:	mg/kg RL	mg/kg RL				
	Benzene	ND 0 0011	ND 0 2159				
	Toluene	ND 0 0022	17 94 0 4318				
Ethylbenzene		ND 0 0011	16 68 0 2159				
m,p-Xylenes		0 0072 0 0022	106 6 0 4318				
o-Xylene		0 0039 0 0011	13 16 0 2159				
Xylenes, Total		0 0111	119 76				
Total BTEX		0 0111	154 38				
Percent Moisture	Extracted:	Jan-17-08 08 06	Jan-17-08 08 08				
	Analyzed:						
	Units/RL:	% RL	% RL				
	Percent Moisture	8 95	7 36				
TPH by SW 8015B	Extracted:	Jan-17-08 16 05	Jan-17-08 16 05				
	Analyzed:	Jan-18-08 14 28	Jan-18-08 14 54				
	Units/RL:	mg/kg RL	mg/kg RL				
	C6-C10 Gasoline Range Hydrocarbons	ND 16 5	5170 16 2				
	C10-C28 Diesel Range Hydrocarbons	23 5 B 16 5	1040 16 2				
Total TPH		23 5	6210				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F** RPD exceeded lab control limits.
 - J** The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
 - U** Analyte was not detected.
 - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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(770) 449-8800	(770) 449-5477

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Phone: 432-663-1800
Odessa, Texas 79765 Fax: 432-663-1713

Project Name Salt Grass WS Federal #1

Project # 30-005-61945

Company Address 105 South 4th Street

Project Loc Chaves County

City/State/Zip Artesia, NM 88210

PO # 105632

Telephone No 505-748-4217

Fax No 505-748-4662

Report Format, ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature

e-mail boba@ypcnm.com

[illegible]

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client Yates
Date/ Time 11/6/08 9:45
Lab ID # 296041
Initials CIL

Sample Receipt Checklist

				Client Initials	
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>5.0</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)?	<u>Yes</u>	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

Report Date: January 9, 2008
30-005-61945

Work Order: 8010414
Salt Grass WS Federal #1

Page Number: 1 of 2
Chaves County, NM

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: January 9, 2008

Work Order: 8010414



PO#: 105632
Project Location: Chaves County, NM
Project Name: Salt Grass WS Federal #1
Project Number: 30-005-61945

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146908	GS/Comp-001	soil	2008-01-03	11:05	2008-01-04
146909	GS/Comp-002	soil	2008-01-03	11:22	2008-01-04
146910	GS/Comp-003	soil	2008-01-03	11:36	2008-01-04
146911	GS/Comp-004	soil	2008-01-03	11:52	2008-01-04
146912	GS/Comp-005	soil	2008-01-03	12:09	2008-01-04
146913	GS/Comp-006	soil	2008-01-03	12:24	2008-01-04

Sample - Field Code	BTEX				TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
146908 - GS/Comp-001	<0.200	6.26	4.08	42.2	1010	1420
146909 - GS/Comp-002	<0.200	0.890	0.952	12.6	229	730
146910 - GS/Comp-003	<0.200	0.582	0.846	9.63	312	595
146911 - GS/Comp-004	<0.0200	<0.0200	<0.0200	0.172	<50.0	47.2
146912 - GS/Comp-005	0.537	20.0	12.9	117	2110	1580
146913 - GS/Comp-006	<0.100	1.12	1.24	12.7	478	568

Sample: 146908 - GS/Comp-001

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146909 - GS/Comp-002

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146910 - GS/Comp-003

continued ...

sample 146910 continued ...

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146911 - GS/Comp-004

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146912 - GS/Comp-005

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 146913 - GS/Comp-006

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00