Bratcher, Mike, EMNRD

30-015-21708

From: Bratcher, Mike, EMNRD

Sent: Monday, February 09, 2009 10:06 AM

To: 'Bob Asher' Cc: Jerry Fanning

Subject: Below Grade Tank Closure Request

Dear Mr. Asher,

The sites listed have had below grade tank/tanks removed. Based on documents and analytical data provided by Yates Petroleum, the request to close and backfill the sites is approved.

Please be advised that NMOCD approval for closure does not relieve Yates Petroleum of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval for closure does not relieve Yates Petroleum of responsibility for compliance with any other federal, state, local laws and/or regulations.

Documents pertaining to closure of these sites will be imaged to their respective well files under the API number provided.

Sincerely,

Mike Bratcher NMOCD District 2 1301 W. Grand Ave. Artesia, NM 88210 575-748-1283 Ext.108

-	DATE OF	0.141	Final C- 141 Submitted	SITE	ADI MUMPED
WELL NAME	RELEASE	C-141	to OCD	RANKING	API NUMBER
Stark BG #1	12/21/2007	12/21/2007	3/3/2008	0	30-015-20056
Gushwa DR #1	12/21/2007	12/21/2007	3/3/2008	0	30-015-21002
Gerard AW Battery	12/21/2007	12/21/2007	3/28/2008	0	30-015-10800
Babcock IR Battery .	12/21/2007	12/21/2007	3/28/2008	0	30-015-22311
Federal AY Battery	12/21/2007	12/21/2007	6/2/2008	0	30-015-10890
Santa Fe Land SWD #1	3/4/2008	3/24/2008	6/2/2008	10	30-015-20501
Roy SWD #3	3/4/2008	3/24/2008	6/2/2008	10	30-015-26562
Dee 36SW State #2	3/4/2008	3/24/2008	6/2/2008	0	30-015-26185
Routh NU Deep Com. #2	3/4/2008	3/24/2008	6/2/2008	0	30-015-23585
Yates AS #1 Fee	12/21/2007	12/21/2007	6/3/2008	0	30-015-10740
Compromise SWD #1 Battery	4/9/2008	4/9/2008	6/4/2008	10	30-015-25665
Dayton EX Battery	4/5/2008	4/9/2008	6/4/2008	10	30-015-21708
Eads GA Battery	4/5/2008	4/9/2008	6/4/2008	10	30-015-21788
Flint GU #1 Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-21933
Len Mayers #1	4/5/2008	4/9/2008	6/10/2008	10	30-015-05926
Cannon FW Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-21775
Gates AAC Battery	4/5/2008	4/9/2008	6/10/2008	10	30-015-24931

NIX PK (Fee) Battery	4/5/2008	4/9/2008	6/11/2008	10	30-015-23667
Peon GK #1 Battery	4/5/2008	4/9/2008	6/11/2008	10	30-015-21905
Monsanto Foster SWD #1	3/4/2008	3/10/2008	6/13/2008	0	30-015-10340
Waldrip JY #1 (Fee) Battery	3/25/2008	3/28/2008	6/13/2008	10	30-015-22755
White IU (Fee) Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-22322
NIX GP Fee Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-21910
Olsen MY Fee Battery	4/5/2008	4/9/2008	6/13/2008	10	30-015-23158

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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

FRANK YATES, JR.

PEYTON YATES

JOHN A. YATES, JR.

September 5, 2008

SEP - 8 2008 OCD-ARTESIA

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

RE: Dayton EX Battery

30-015-21708

Section 21, T18S-R26E Eddy County, New Mexico

Dear Mr. Bratcher,

Additional delineation sampling has been performed, enclosed are analytical results that indicate decreasing levels on chlorides. Yates Petroleum Corporation requests closure of the below grade tank site. The analytical results for BTEX and TPH are within the RRAL's for BTEX is 50 ppm and TPH is 1000 ppm with a Total Ranking Score of ten (10). Yates Petroleum Corporation requests closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

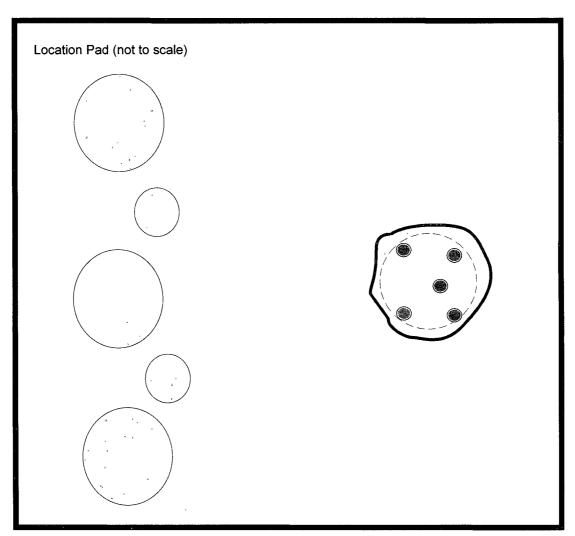
Robert Asher

Environmental Regulatory Agent

Enclosure(s)

/rca





Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
@S/Comp=001	5/27/2008	Grab/Composite	1'	ND	ND	237	237.0	277
@S/Comp=002	5/27/2008	Grab/Composite	2'	0.048	ND	281	281.0	574
GS/Comp-008	8/20/2008	Grab/Composite	3'	,				56

Site Ranking is Ten (10). Depth to Ground Water: 50-99' (approx. 85'). Results are ppm.



Dayton EX Battery
Section 21, T18S-R26E
Eddy County, NM

EXHIBIT Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent September 5, 2008 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

September 5, 2008
I certify that on <u>8/20/2008</u> , tests were conducted on soil samples from the following location:
Dayton EX Battery
Following are the results of testing.
EPA Method 9253 (Chlorides) GS/Comp-003 – 56 ppm
All testing was conducted at Yates Petroleum Corporation.
Thank you.
YATES PETROLEUM CORPORATION

Robert Asher

Environmental Regulatory Agent

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD

Sent: Monday, July 07, 2008 7:55 AM

To: 'jerryf@ypcnm.com'; 'boba@ypcnm.com'

Cc: Gum, Tim, EMNRD

Subject: Below Grade Tank Closure Requests

Jerry,

The following below grade tank closure requests are approved. The signed C-144 and related documents will be imaged to the respective well files.

Dagger Draw Com Btry	30-015-24284	L-19-19-25
Federal AK 001	30-015-00111	I – 3-19-25
Cotton MX Fed Com 001	30-015-23315	C-14-19-25
Dayton FI Btry	30-015-21727	A-28-18-26
King SWD 001	30-015-20257	C - 9-20-25
Mimosa Fed SWD 001	30-015-26449	I - 4-20-24
Mimosa Fed SWD 004	30-015-26950	1 - 4-20-24
NDDUP 055	30-015-23960	C-19-19-25
Wilkinson AZ Fee 001	30-015-20007	K-25-18-25
Deeter ADV Com 001	30-015-25638	M-27-18-26
Allie Lee AHB Btry	30-015-25127	C-34-18-26
Kleeman PB Btry	30-015-00253	P-27-18-26
Cleveland Fee Btry	30-015-00259	B-33-18-26

Be advised that this closure approval does not relieve Yates Petroleum of liability should these operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, this approval does not relieve any operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

The following below grade tank closure requests, as submitted, are not approved at this time. Requirements for closure are listed for each site. Once these requirements have been met, please submit supporting documentation (ie, analytical data, etc.) for closure. Please notify this office 24 hours prior to obtaining samples where analyses of samples obtained are to be submitted to OCD.

Federal AY 001	30-015-	F-25-	Chloride contamination level increase in bottom samples at 1' to 2'
Btry	10890	18-25	depth. Additional samples required to delineate contamination.
Roy SWD 003	30-015-	P- 7-	Chloride contamination level increase in bottom samples at 1' to 2'
	26562	19-25	depth. Additional samples required to delineate contamination.
Yates AS Fee 001	30-015-	K-25-	Remove materials above minimum 1000 mg/kg chloride levels.
	10740	18-25	
Dee 36SW State	30-015-	M-36-	Slight increase in TPH levels at 2' depth. Additional samples
002	26185	19-24	required to delineate contamination.
Santa Fe Land	30-015-	I –17-	Remove materials above minimum 1000 mg/kg chloride levels.
SWD 001	20501	19-26	
Routh NU Deep	30-015-	B-14-	Install cap minimum 3'- 4' bgs prior to backfilling excavation.
Com 002	23585	19-24	
Dayton EX Btry	30-015-	K-21-	Chloride and hydrocarbon contamination levels increase in bottom
	21708	18-26	samples at 1' to 2' depths. Additional samples required to delineate contamination.
Compromise SWD	30-015-	H-30-	Chloride contamination level increase in bottom samples at 1' to 2'
001 Btry	25665	18-27	depth. Delineation to 250 mg/kg or background required. Ground water @ 35' bgs.

EADS GA Btry	30-015- 21788	N-22- 18-26	Chloride contamination level increase in bottom samples at 1' to 2' depth. Additional samples required to delineate contamination.
Flint GU 001 Btry	30-015-	J-22-	Chloride contamination level increase in bottom samples at 1' to 2'
Fillit GO OUT Bity	21933	18-26	depth. Additional samples required to delineate contamination.
	21300	10 20	Removal of 1' of material as proposed is approved to address
			hydrocarbon contamination.
Len Mayers 001	30-015-	D-28-	Chloride contamination level increase in bottom samples at 1' to 2'
=====================================	05926	18-26	depth. Additional samples required to delineate contamination.
Gates AAC Btry	30-015-	C-22-	Chloride contamination level increase in bottom samples at 1' to 2'
'	24931	18-26	depth. Additional samples required to delineate contamination.
Cannon FW Btry	30-015-	C-21-	Chloride contamination level increase in bottom samples at 1' to 2'
·	21775	18-26	depth. Additional samples required to delineate contamination.
Nix PK Fee Btry	30-015-	G-27-	Chloride contamination delineation to 250 mg/kg or background.
	23667	18-26	Remove materials over minimum 1000 mg/kg.
Peon GK 001 Btry	30-015-	D-27-	Chloride contamination delineation to 250 mg/kg or background.
	21905	18-26	Remove materials over minimum 1000 mg/kg.
Mitchell IN 002	30-015-	I- 23-	Remove materials above minimum 2500 mg/kg chloride levels and
SWD	22242	17-25	install cap prior to backfilling excavation.
White IU Fee Btry	30-015-	I– 28-	Remove chloride contaminated materials over minimum 1000
<u></u>	22322	18-26	mg/kg.
Olsen MY Fee	30-015-	I– 33-	Chloride contamination delineation to 250 mg/kg or background.
Btry	23158	18-26	Remove materials over minimum 1000 mg/kg.
Nix GP Fee Btry	30-015-	O-22-	Chloride contamination delineation to 250 mg/kg or background.
	21910	18-26	Remove materials over minimum 1000 mg/kg.
Monsanto Foster	30-015-	D - 5-	TPH contamination level increase in bottom samples at 1' to 2'
001 SWD	10340	20-25	depth. Additional samples required to delineate contamination.
Waldrip JY Fee	30-015-	C-34-	Chloride contamination delineation to 250 mg/kg or background.
001 Btry	22755	18-26	Remove materials over minimum 1000 mg/kg.
Gerard AW Btry	30-015-	O-25-	Chloride contamination level increase in bottom samples at 7' to 8'
Debesel ID 001	10800	18-25	depth. Additional samples required to delineate contamination.
Babcock IR 001	30-015- 22311	0-26-	Remove chloride contaminated materials over minimum 1000
Stark BG 001		18-25 C-25-	mg/kg. Remove chloride contaminated materials over minimum 1000
Stark BG 001	30-015- 20056	18-25	mg/kg. Obtain a deeper bottom hole sample to confirm chloride
	20030		decrease.
Gushwa DR 001	30-015-	E-35-	Obtain a deeper bottom hole sample to determine if chloride levels
	21002	18-25	increase or decrease. Remove materials over 1000 mg/kg chloride
	l		levels.

MARTIN YATES, III 1912 - 1985 FRANK W YATES 1936 - 1986



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

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DENNIS G. KINSEY
TREASURER

JUN 0 6 2008 OCD-ARTESIA

June 4, 2008

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

RE: Dayton EX Battery 30-015-21708

Section 21, T18S-R26E Eddy County, New Mexico

Dear Mr Bratcher,

The following actions have been performed by Yates concerning form C-144 submitted April 9, 2008, the below-grade tank has been removed, excavated soils were taken to an approved OCD facility and composite samples were taken (5/27/2008), the depth of the tank bottom is approximately six (6) feet below grade. Enclosed are analytical results, with the Total Ranking Score of ten (10), RRAL's for BTEX is 50 ppm and TPH is 1000 ppm. Yates Petroleum Corporation requests closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher

Environmental Regulatory Agent

Enclosure(s)

/rca

DENIED

<u>District I</u> 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

For drilling and production facilities, submit to appropriate NMOCD District Office
For downstream facilities, submit to Santa Fe office

Form C-144

JUN U 6 2008

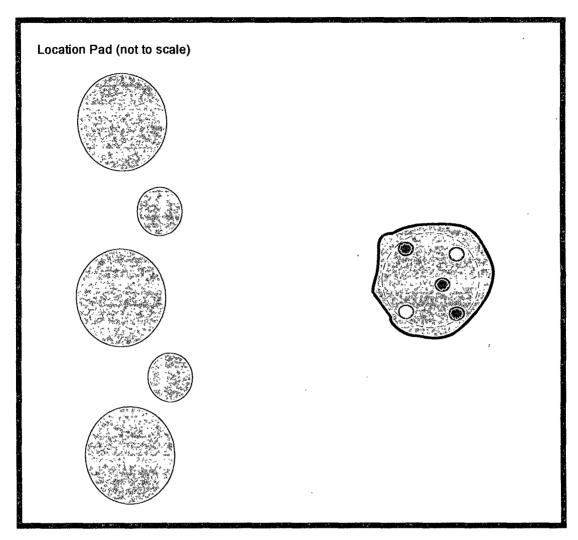
June 1, 2004

Pit or Below-Grade Tank Registration or Closure

Is nit or helow-grade tank covered by a "general plan"? Ves \(\subset \text{No } \subset \)

	it or below-grade tank 🔲 Closure of a pit or below-grade	etank 🗵 OCD-ARTESIA
Operator Yates Petroleum Corporation Telephone 50		
Address 104 S 4th Street, Artesia, NM 88210		
Facility or well name Dayton EX Battery		
County Eddy Latitude 3	2 72881 Longitude 104 38558	NAD 1927 ⊠ 1983 □
Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐		
<u>Pit</u>	Below-grade tank	
Type Drilling Production Disposal	Volume 210 bbl Type of fluid Produ	ced Water
Work over Emergency	Construction material <u>Fiberglass</u>	
Lined Unlined	Double-walled, with leak detection? Yes 🛛 If not, ex	oplain why not
Linei type Synthetic Thicknessmil Clay		
Pit Volumebbl		
Depth to ground water (vertical distance from bottom of pit to seasonal high water	Less than 50 feet	(20 points)
elevation of ground water)	50 feet or more, but less than 100 feet	(10 points)
,	100 feet or more	(0 points)
Wellhead protection area (Less than 200 feet from a private domestic water	Yes	(20 noints).
source, or less than 1000 feet from all other water sources)	No	(0 points)
Source, or less than 1000 received min and other water sources /	Less than 200 feet	
Distance to surface water (horizontal distance to all wetlands, playas, irrigation	200 feet or more, but less than 1000 feet	(20 points)
canals, ditches, and perennial and ephemeral watercourses)	1000 feet or more	(10 points)
		(0 points)
	Ranking Score (Total Points)	10 points
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationsl	hip to other equipment and tanks (2) Indicate disposal loc	cation (check the onsite box if you are burying in place)
onsite offsite I If offsite, name of facility (3) Attach a g		
encountered No Yes If yes, show depth below ground surface		(,,
(5) Attach soil sample results and a diagram of sample locations and excavations		
FINAL REMOVAL ACTIVITIES COMPLETE (TANK REMOVED	AND SAMPLE RESULTS ENCLOSED). FIN	AL REPORT C-144.
		,
• •		
I hereby certify that the information above is true and complete to the best of my kno constructed or closed according to NMOCD guidelines , a general permit		cribed pit or below-grade tank has been/will be
	/ \	
Date Wednesday, June 04, 2008	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 0
Date _Wednesday, June 04, 2008 Printed Name/Title _Robert Asher / Environmental Regulatory Agent	Signature del U	<u> </u>
Printed Name/Title Robert Asher / Environmental Regulatory Agent Your certification and NMOCD approval of this application/closure does not relieve	the operator of nability should the contents of the pit or ta	
Printed Name/Title Robert Asher / Environmental Regulatory Agent	the operator of nability should the contents of the pit or ta	
Printed Name/Title Robert Asher / Environmental Regulatory Agent Your certification and NMOCD approval of this application/closure does not relieve	the operator of nability should the contents of the pit or ta	
Printed Name/Title Robert Asher / Environmental Regulatory Agent Your certification and NMOCD approval of this application/closure does not relieve	the operator of nability should the contents of the pit or ta	
Printed Name/Title Robert Asher / Environmental Regulatory Agent Your certification and NMOCD approval of this application/closure does not relieve	the operator of nability should the contents of the pit or ta	





Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
(GS/Comp-007)	5/27/2008	Grab/Composite	1'	ND 💯	QИ	237	237.0	277
(GS/Comp.002)	5/27/2008	Grab/Composite	2'	-≰.0.048 <i>-</i> -∮	ND	281	281.0	574

Site Ranking is Ten (10). Depth to Ground Water: 50-99' (approx. 85'). Results are ppm.



Dayton EX Battery
Section 21, T18S-R26E
Eddy County, NM

EXHIBIT Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent June 4, 2008

Analytical Report 304730

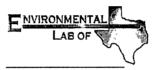
for

Yates Petroleum Corporation

Project Manager: Robert Asher

Dayton EX Battery 30-015-21708

03-JUN-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





03-JUN-08

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

Reference: XENCO Report No: 304730

Dayton EX Battery

Project Address: Eddy 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 304730. 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. 304730 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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

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Sample Cross Reference 304730



Yates Petroleum Corporation, Artesia, NM

Dayton EX Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	May-27-08 13:54	1 - 1 ft	304730-001
GS/Comp-002	S	May-27-08 14:11	2 - 2 ft	304730-002



Certificate of Analysis Summary 304730

Yates Petroleum Corporation, Artesia, NM

Project Name: Dayton EX Battery

Project Id: 30-015-21708 Contact: Robert Asher

Project Location: Eddy County

110ject Name. Dayton Ex Battery

Report Date: 03-JUN-08

Date Received in Lab: Thu May-29-08 09 50 am

oject Location: Eddy County				Project Manager: Brent Barron, II
	Lab Id:	304730-001	304730-002	Troject Manager. Stolk Bullon, II
	Field Id:	GS/Comp-001	GS/Comp-002	
Analysis Requested	Depth:	1-1 ft	2-2 ft	
	1 1	SOIL	SOIL	
	Matrix:			
	Sampled:	May-27-08 13 54	May-27-08 14 11	
BTEX by EPA 8021B	Extracted:	May-29-08 12 39	Jun-02-08 10 18	
	Analyzed:	May-29-08 17 44	Jun-02-08 15.16	
	Units/RL:	mg/kg RL	mg/kg RL	
Benzene		ND 0 0011	ND 0 0011	
Toluene		ND 0 0021	ND 0.0022	
Ethylbenzene		ND 0 0011	0 0326 0.0011	
m,p-Xylenes		ND 0 0021	0 0107 0 0022	
o-Xylene		ND 0 0011	0 0047 0 0011	
Total Xylenes		ND	0 0154	
Total BTEX		ND	0 048	
Inorganic Anions by EPA 300	Extracted:			
morganic rinions by Elitebo	Analyzed:	May-29-08 15 23	May-29-08 15:23	
	Units/RL:	mg/kg RL	mg/kg RL	
Chloride		277 26 7	574 27 4	
Percent Moisture	Extracted:			
rercent Moisture	Analyzed:	May-29-08 17.00	May-29-08 17 00	
	Units/RL:	% RL	% RL	
Percent Moisture	- Chillip REE.	62	8 92	
TDII I CW 0015D	Extracted:	May-29-08 14 00	May-29-08 14 00	
TPH by SW 8015B	Analyzed:	May-30-08 12 01	May-30-08 12 27	
	Units/RL:	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons	Unus/RL:	MD 160	ND 16.5	
C10-C28 Diesel Range Hydrocarbons		237 16 0	281 165	
Total TPH		237	281	

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

CENCO Laboratorica

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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	Phone	Fax
11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N Falkenburg Rd , Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6017 Financial Dr , Norcross, GA 30071	(770) 449-8800	(770) 449-5477

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Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79766 Phone: 432-663-1800 Fax: 432-663-1713

	Project Manager Robert Asher														_		Pr	ojeci	t Na	me"	Day	yton	EX	Bat	tery						
	Company Name Yates Petroleum Corporation													Pr	rojec	t#.	30-	015	-21	708											
	Company Address 105 South 4th Street												Project Loc: Eddy County																		
	City/State/Zip Artesia, NM 88210													Po	o #:	105	632														
	Telephone No 505-748 4217 Fax No 505-748-4662							R	epor	t Fo				Stan	dare] TF	RP			NPDE	s								
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CAB # (arb use only)	FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Tune Sempled	Flakd Fulbred	Total # of Continuers		CN-			HON		Other (Specify)	St.c.Sudge	NA TO COUNTY STATES OF THE TO STATES OF THE TOTAL SPECIFIC OF THE		TPH TX 1005 TX 1006	Cations (Ca Mg Na K)	Amons (Ct SO4, Alkalınıty)	SAR / ESP / CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	BIEX 8021R/5030 or BIEX A250	RCI	NORM	Chlorides		RUSH TAT (Pre-Scheduse) 24 48, 22 prs	Standard TAT
01	GS/Comp-001		1'	1'	5/27/2008	1 54 PM		1	х						Ι		S	x						\perp	7		I	x	П	工	X
02	GS/Comp-002		2'	2'	5/27/2008	2 11 PM	_	1	Ιx				\perp	\perp	Ļ	L	S	X	L	Ц		_		\perp	>	4	L	X	П	\perp	X
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Resinquish Robert As Relinquish	her Resoluce	Date 05/28/08 Date		ne PM	& Chlorides Received by Received by	Please sho		B T	EX	resu	ilts a	as m	ng/kg	, T	Da Da			Tim	e	Sam VOC Labe Cus Cus Sam	tody tody tody tody tody tody tody	Confee of seal seal Hand	tains of He ntair is on is on di De ier/C	nmen sadsponer(s) n cont n cook skivere thent F	tact? ace? ainer er(s) ed Rep PS	? ?(s) ;	4L		A CAROLIC	2 2 2 2 2 2 2 S	Star
Relingu si	ed by	Date	Tir	ne	Received by ELC	rea X	0	<u>~</u>	~					17	D1	1:02	3 -7	Tim 7	<u>.</u>	Tem	pers	4 o	ÚŘ	on Re	35 cup	t		3 2		*0	

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

Client	<u>Yates</u>
Date/ Time	5.79.08 9.50
ab 10 #	304730
nitials	<u>al</u>

Sample Receipt Checklist

#1	Temperature of container/ cooler?	V CEV	No	3.0 °cl
#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?	(es)	No	Not Present
# 5	Chain of Custody present?	(es)	No	
#6	Sample instructions complete of Chain of Custody?	Yes	No	
#7	Chain of Custody signed when retinquished/ received?	(es)	No	
#8	Chain of Custody agrees with sample label(s)?	(eg)	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	Gee Beidw
#15	Preservations documented on Chain of Custody?	Ves)	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?	(es	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20		Yes)	No	Not Applicable

Variance Documentation

Contact Regarding		Contacted by	Date/ Time·
Corrective Action Taker	1.		
Check all that Apply		See attached e-mail/ fax Client understands and would like to proceed with an Cooling process had begun shortly after sampling ev	