

Bratcher, Mike, EMNRD

30-015-23585

**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

WELL NAME	DATE OF RELEASE	C-141	Final C-141 Submitted to OCD	SITE 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	<b>10</b>	30-015-23667
Peon GK #1 Battery	4/5/2008	4/9/2008	6/11/2008	<b>10</b>	30-015-21905
Monsanto Foster SWD #1	3/4/2008	3/10/2008	6/13/2008	<b>0</b>	30-015-10340
Waldrip JY #1 (Fee) Battery	3/25/2008	3/28/2008	6/13/2008	<b>10</b>	30-015-22755
White IU (Fee) Battery	4/5/2008	4/9/2008	6/13/2008	<b>10</b>	30-015-22322
NIX GP Fee Battery	4/5/2008	4/9/2008	6/13/2008	<b>10</b>	30-015-21910
Olsen MY Fee Battery	4/5/2008	4/9/2008	6/13/2008	<b>10</b>	30-015-23158

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

7/7/2008

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

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

June 2, 2008

JUN 03 2008  
OCD-ARTESIA

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

RE: Routh NU Deep Com. #2  
30-015-~~23858~~ 30-015-23585  
Section 14, T19S-R24E  
Eddy County, New Mexico

Dear Mr. Bratcher,

The following actions have been performed by Yates concerning Form C-144 submitted March 24, 2008, below-grade tank was removed, excavated soils were taken to an approved OCD facility and composite samples were taken (5/19/2008 and 5/29/2008), the depth of the tank bottom is approximately seven (7) feet below grade. Enclosed are analytical results, with the Total Ranking Score of zero (0), RRAL's for BTEX is 50 ppm and TPH is 5000 ppm, chloride delineation indicates decreasing levels. Yates Petroleum Corporation requests closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent

Enclosure(s)  
/rca

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

State of New Mexico  
Energy Minerals and Natural Resources

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



Form C-144  
June 1, 2004

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

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐  
Type of action Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

JUN 03 2008

OCD-ARTESIA

Operator <u>Yates Petroleum Corporation</u> Telephone <u>505-748-1471</u> e-mail address <u>boba@ypcnm.com</u>		
Address <u>104 S 4<sup>th</sup> Street, Artesia, NM 88210</u>		
Facility or well name <u>Routh NU Deep Com #2</u> API # <u>30-015-23585</u> U/L or Qtr/Qtr <u>B</u> Sec <u>14</u> T <u>19S</u> R <u>24E</u>		
County <u>Eddy</u> Latitude <u>32 66643</u> Longitude <u>104 55615</u> NAD 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
<b>Pit</b> Type Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Work over <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume <u>100</u> bbl Type of fluid <u>Produced Water</u> Construction material <u>Fiberglass</u> Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> If not, explain why not _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 0 points)
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes No	(20 points) ( 0 points)
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) ( 0 points)
<b>Ranking Score (Total Points)</b>		<b>0 points</b>

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location (check the onsite box if you are burying in place)

onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft and attach sample results

(5) Attach soil sample results and a diagram of sample locations and excavations

FINAL REMOVAL ACTIVITIES COMPLETE (TANK REMOVED AND SAMPLE RESULTS ENCLOSED). FINAL REPORT C-144.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date Monday, June 02, 2008

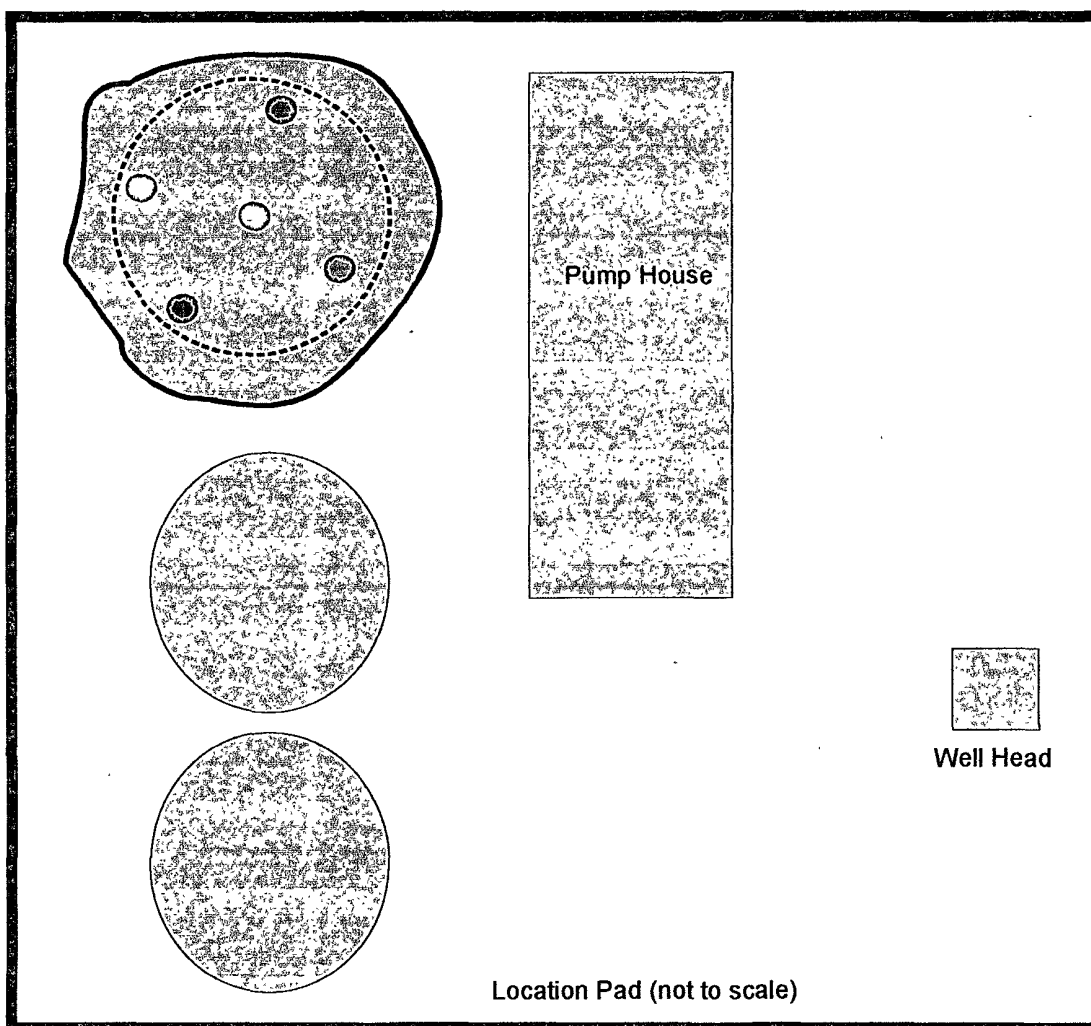
Printed Name/Title Robert Asher / Environmental Regulatory Agent

Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval  
Printed Name/Title \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Accepted for record  
NMOCD



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS Comp 411	5/19/2008	Grab/Composite	1'	ND	ND	708	708.0	2360
GS Comp 412	5/19/2008	Grab/Composite	2'	ND	ND	756	756.0	3410
GS Comp 413	5/29/2008	Grab/Composite	3'					1999
GS Comp 414	5/29/2008	Grab/Composite	4'					978

Site Ranking is Zero (0). Depth to Ground Water: >100' (approx. 275'). All results are ppm.



**Routh NU Deep Com. #2**

**Section 14, T19S-R24E**

**Eddy County, NM**

**EXHIBIT**  
**Sample Diagram (Not to Scale)**

Prepared by Robert Asher  
Environmental Regulatory Agent  
May 29, 2008

# **Analytical Report 304084**

**for**

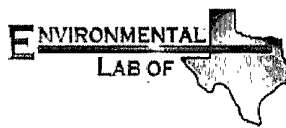
## **Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**Routh NU Deep Com. #2**

**30-015-23858**

**22-MAY-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





22-MAY-08

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

Reference: XENCO Report No: **304084**  
**Routh NU Deep Com. #2**  
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 304084. 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. 304084 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.*

*Certified and approved by numerous States and Agencies.*

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## Sample Cross Reference 304084



Yates Petroleum Corporation, Artesia, NM

Routh NU Deep Com. #2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	May-15-08 09:55	1 - 1 ft	304084-001
GS/Comp-002	S	May-15-08 10:20	4 - 6 In	304084-002



# Certificate of Analysis Summary 304084

Yates Petroleum Corporation, Artesia, NM

Project Name: Routh NU Deep Com. #2

Project Id: 30-015-23858

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Sat May-17-08 09 25 am

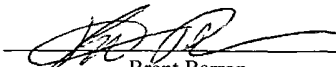
Report Date: 22-MAY-08

Project Manager: Brent Barron, II

<b>Analysis Requested</b>	<b>Lab Id:</b>	304084-001	304084-002				
	<b>Field Id:</b>	GS/Comp-001	GS/Comp-002				
	<b>Depth:</b>	1-1 ft	4-6 In				
	<b>Matrix:</b>	SOIL	SOIL				
	<b>Sampled:</b>	May-15-08 09 55	May-15-08 10 20				
<b>BTEX by EPA 8021B</b>	<b>Extracted:</b>	May-19-08 15 00	May-19-08 15 00				
	<b>Analyzed:</b>	May-19-08 21 22	May-19-08 21 46				
	<b>Units/RL:</b>	mg/kg RL	mg/kg RL				
		ND 0 0011	ND 0 0011				
		ND 0 0022	ND 0 0023				
		ND 0 0011	ND 0 0011				
		ND 0 0022	ND 0 0023				
		ND 0 0011	ND 0 0011				
		ND	ND				
		ND	ND				
<b>Inorganic Anions by EPA 300</b>	<b>Extracted:</b>	May-21-08 20 52	May-21-08 20:52				
	<b>Analyzed:</b>	May-21-08 20 52	May-21-08 20:52				
	<b>Units/RL:</b>	mg/kg RL	mg/kg RL				
		2360 56 2	3410 56.4				
<b>Percent Moisture</b>	<b>Extracted:</b>	May-19-08 11 52	May-19-08 11 52				
	<b>Analyzed:</b>	May-19-08 11 52	May-19-08 11 52				
	<b>Units/RL:</b>	% RL	% RL				
		11 1 1 00	11 4 1 00				
<b>TPH by SW 8015B</b>	<b>Extracted:</b>	May-20-08 11 45	May-20-08 11 45				
	<b>Analyzed:</b>	May-20-08 15 59	May-20-08 17 22				
	<b>Units/RL:</b>	mg/kg RL	mg/kg RL				
		ND 16 9	ND 16 9				
		708 16 9	756 16 9				
		708	756				

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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11381 Meadowglen Lane Suite L Houston, Tx 77082-2647  
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

# Environmental Lab of Texas

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12800 West I-20 East  
Odessa, Texas 79765

Phone: 432-663-1800  
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 [Signature] e-mail boba@yppcm.com

Project Name Rauth NU Deep Com #2  
Project # 30-015-23858  
Project Loc Eddy County  
PO # 105632

Report Format ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)  
ORDER #: 304 084

ORDER #: 504 084						Preservation & # of Containers										Matrix												
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field #	Total # of Containers	Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> SO <sub>4</sub>	None	Other (Specify)	Matrix										PCB	NORM	Chlorides
																DDT/Tracing Metal 21-Trace	DDT + Organochlorine 4-Organic	HP-100-10-										

Special Instructions: TPH: 8015B, BTEX: 8021B & Chlorides. Please show BTEX results as mg/kg. Thank you

Relinquished by <u>Robert Asher</u>	Date <u>05/16/08</u>	Time <u>1:49 PM</u>	Received by	Date	Time	Laboratory Comments: Sample Containers Intact? <u>N</u> VOCs Free of Headspace? <u>N</u> Labels on container(s) <u>N</u> Custody seals on container(s) <u>N</u> Custody seals on cooler(s) <u>N</u> Sample Hand Delivered by Sampler/Client Rep. <u>N</u> by Courier? <u>N</u> UPS <u>N</u> DHL <u>N</u> FedEx <u>N</u> Lone Star <u>N</u> Temperature Upon Receipt <u>4.5°C</u>
Relinquished by	Date	Time	Received by	Date	Time	
Relinquished by	Date	Time	Received by ELDT <u>[Signature]</u>	Date <u>5/17/08</u>	Time <u>7:25</u>	

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

Client Yates  
Date/ Time 5-17-08 9:25  
Lab ID # 304084  
Initials AL

**Sample Receipt Checklist**

				Client Initials	
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	4.5 °C	
#2	Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#5	Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#11	Containers supplied by ELOT?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#13	Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#14	Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> 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

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  
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PRESIDENT  
PEYTON YATES  
DIRECTOR  
JOHN A. YATES, JR.  
DIRECTOR

June 2, 2008

I certify that on 5/29/2008, tests were conducted on soil samples from the following location:

Routh NU Deep Com. #2

Following are the results of testing.

EPA Method 9253 GS/Comp-001 – 1999 ppm

EPA Method 9253 GS/Comp-002 – 978 ppm

All testing was conducted at Yates Petroleum Corporation.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher  
Environmental Regulatory Agent