\* MARTIN YATES, III 1912-1985 FRANK W. YATES 1936-1986

S.P. YATES



105 SOUTH FOURTH STREET

ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

JOHN A. YATES CHAIRMAN OF THE BOARD PRESIDENT

JOHN A. YATES JR.

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN O. PERINI CHIEF FINANCIAL OFFICER

February 23, 2010

Mr. Mike Bratcher NMOCD District II 1301 West Grand Artesia. NM 88210 RECEIVED
APR 2 6 2011

NMOCD ARTESIA

Re:

Melson ZS Federal #1

30-015-25171

Section 8, T26S-R30E Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on August 30, 2009 (30 bbls of produced water with 5 bbls produced water being recovered). The release was from a water pump being stolen, allowing stock tank to over flow. Samples were taken on 9/17/2009 and sent to an OCD approved laboratory for analysis, based on results (enclosed), impacted soils were excavated to a depth of 18 (eighteen) inches and taken to an NMOCD approved facility. Samples were taken on 2/18/2009 and sent to an OCD approved laboratory for analysis. Analytical results (enclosed) show TPH & BTEX below RRAL's for the site ranking of (0) zero, (enclosed sample diagram and results). Based on impacted soils being excavated/removed and analytical results (chlorides for documentation); Yates Petroleum Corporation requests closure. Upon closure approval Yates will backfill with clean, like soils:

If you have any questions, please call me at 575-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher

**Environmental Regulatory Agent** 

/rca

Enclosure(s)

<u>District 1</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

\* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

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

### RECEIVED Form C-141

Form C-141

APR **26** 20 ibmit 2 Copies to appropriate District Office in accordance with Rule 116 on back NMOCD ARTESIA side of form

### Release Natification and Corrective Action

			itten	ase notine			TI CCHVC A	CHOII —	1	_		
N: 50			·····		PERA				<u> Initial</u>	Report	$\boxtimes$	Final Report
Name of Co Yates Petro		oration		OGRID Nun 25575	1	Contact Robert Ashe						ļ
Address	ieum Corp	oration		23373		Telephone N						
104 S. 4 <sup>TH</sup> S	Street				T I	575-748-147						
Facility Nar			<del></del>	API Number		Facility Typ						
Melson ZS				30-015-2517	. I	Pactifty Typ Battery	C					
				30 013 2317		Dattery						
Surface Ow	ner			Mineral C	)wner				Lease N			Ì
Federal				Federal					NM-31	549 <u> </u>		
		•		LOCA	OITA	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/We	st Line	County		
P	8	26S	30E	560		South	660	Ea	st	Eddy		
	<u> </u>				<u> </u>			<u> </u>				
				Latitude_32.	05132	Longitude	103.89634					
				NAT	URE	OF RELI	EASE					
Type of Rele	ase					Volume of		١,	Volume R	lecovered		
Produced Wa	iter					30 B/PW			B/PW			
Source of Re	lease						our of Occurrence	I		Hour of Dis	cover	y
Water Pump Was Immediate Notice Given?				8/30/2009 .		1 8	3/30/2009	AM				
was immediate Notice Given:  ☐ Yes ☐ No ☐ Not Requir					equired	If YES, To	wnom? her/NMOCD Dis	strict II				
D 113 0			103	110 [] 110110		<u> </u>		Still II				
By Whom? Robert Asher/YPC Environmental					Date and H	our M, Voicemail & :	E-mail					
Was a Water							lume Impacting t		ourse			
		_	Yes 🗵	No		N/A						
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.									
	ise of Probl	em and Reme	dial Actio	n Taken.*	<del></del>							
				tank to overflow	. Vacuu	ım truck calle	d					
		and Cleanup A				• •						
				l battery, small an								
				& BTEX (chlorid BTEX are under								
had a contrac	tor excavat	e/haul 18" of	impacted s	soils from both re	lease are	as (inside bat	tery and south of	battery), i	e-sample	d on 2/18/2	2010. r	esults are
below RRAL	's for the si	ite ranking. D	epth to G	round Water: >	100' (ap	proximately	173', per the Ne	ew Mexico	Office a	f the State	Engin	eer),
				irface Water Boo		00', SITE RA	NKING IS 0. B	Based on i	mpacted	soils excav	ated a	nd enclosed
				on requests closure is true and comp			lea anni a d'ara ran d'ar		4b - 4	wast to NIX	10CD	log and
				ris irde and comp id/or file certain r								
				ce of a C-141 repo								
should their o	operations h	ave failed to a	adequately	vinvestigate and r	emediat	e contaminati	on that pose a thr	reat to grou	and water	, surface w	ater, h	uman health
or the enviro	nment. In a	ıddition, NMC	CD accep	tance of a C-141	report d	oes not reliev	e the operator of	responsibi	llity for c	ompliance i	with at	ny other
federal, state.	or local la	ws and/or regu	itations.				OH COM	CEDIA	TION	DIVICI	ONT	
(	$^{\prime}$ ).	. ( ) ^					OIL CON	SERVA	TION	DIAIZI	<u>NC</u>	
Signature:	للولي	4111										
Dulata d Mass	a. Dahari A					Approved by	District Supervis	sor:				
Printed Name	е. ковеп А	21ICI									_	
Title: Enviro	nmental Re	gulatory Agen	nt			Approval Dat	e:	Ex	piration	Date:		
E-mail Addre	ess: boba@:	yatespetroleur	n.com			Conditions of	Approval:					
Date: Tuesda				ne: 575-748-4217		2RP-	••			Attached	ı L!	

FAX NO. 15

<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 Or., Santa Fe, NM 87505

### State of New Mexico Energy Minerals and Natural Resources

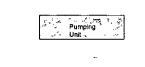
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised October 10, 2003

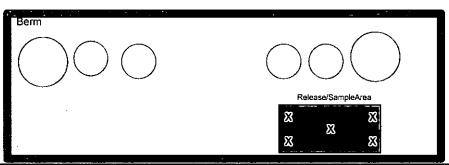
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

	on and Corrective Action
1/KMW ////40// OPER	ATOR
Name of Company OGRID Number	Contact
Yates Petroleum Corporation 25575	Robert Asher
Address 104 S, 4 <sup>TH</sup> Street	Telephone No. 505-748-1471
Facility Name API Number	Facility Type
Melson ZS Federal #1 30-015-25171	Battery
Surface Owner   Mineral Owner   Federal   Federal	r Lease No. NM-31649
Pedelal Pedelal	144-21042
	ON OF RELEASE
	1h/South Line   Feet from the   East/West Line   County   South   660   East   Eddy
P 8 26S 30E 560	South 600 Fast Fact
Latituda 22.0512	2 Longitude 103,89634
•	
	E OF RELEASE
Type of Release Produced Water	Volume of Release Volume Recovered 30 B/PW 5 B/PW
Source of Release	Date and Hour of Occurrence Date and Hour of Discovery
Water Pump	8/30/2009 AM 8/30/2009 AM
Was Immediate Notice Given?   ⊠ Yes □ No □ Not Require	If YES, To Whom?  If Mike Bratcher/NMOCD District II
By Whom?	Date and Hour
Robert Asher/YPC Environmental	9/1/2009 PM, Voicemail & E-mail
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.
☐ Yes ☒ No  If a Watercourse was Impacted, Describe Fully.*	N/A
N/A	
Describe Cause of Problem and Remedial Action Taken.*	
Water pump at battery was stolan, causing water tank to overflow. Vac Describe Area Affected and Cluanup Action Taken.*	Suum truck called.
	outside battery. Produced water picked up. Vertical and horizontal delineation
samples will be taken and analysis ran for TPH & BTEX (chlorides res	ults for documentation, YPC will delineate to try and show decreasing levels of
	AL's a Final Report, C-141 will be submitted to the OCD requesting closure. Depth Office of the State Engineer), Wellhead Protection Area: No. Distance to
Surface Water Body: >1000', SITE RANKING IS 0.	
	o the best of my knowledge and understand that pursuant to NMOCD rules and enotifications 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 remed	liate contamination that pose a threat to ground water, surface water, human health
federal, state, or local laws and/or regulations.	t does not relieve the operator of responsibility for compliance with any other
	OIL CONSERVATION DIVISION
Simony (SS 1)	
Signature:	Approved by District Supervisor:
Printed Name: Robert Asher	Signed By M1/4 Dringues
Title: Environmental Regulatory Agent	Approval Date: 4/2/// Expiration Date:
The Environmental Reading of Agent	Approval Date: // Expiration Date.
E-mail Address: boba@yatespetroleum.com	Conditions of Approval:
Date: Wednesday, September 03, 2009 Phone: 575-748-4217	Remediation per OCD Rules &
* Attach Additional Sheets If Necessary	Guidelines. SUBMIT REMEDIATION
······ <b>·</b>	PROPOSAL NOT LATER THAN: 2RP. 756
	5/2//11





Lease Road



Release/SampleArea X X X X X X

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Battery Area	9/17/2009	Grab/Auger	4"	ND	ND	897	897	7660
GS/Comp-002	Battery Area	9/17/2009	Grab/Auger	12"	0.1158	ND	8690	8690	2920
GS/Comp-003	Battery Area	9/17/2009	Grab/Auger	18"	0.095	ND	2880	2880	5430
@S/Comp=904	Outside Battery	9/17/2009	Grab/Auger	4"	ND	ND	734	734	7020
GS/Comp-005	Outside Battery	9/17/2009	Grab/Auger	12"	ND	ND	205	205	3140
GS/Comp=006	Outside Battery	9/17/2009	Grab/Auger	18"	ND	ND	ND	ND	493
Sample ID	Sample, Area,	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Battery Area	2/18/2010	Grab/Auger	24" BSL	ND	ND	537	537	631
GS/Comp-002	Battery Area	2/18/2010	Grab/Auger	30" BSL	ND	ND	815	815	2410
@S/Comp-008	Outside Battery	2/18/2010	Grab/Auger	24" BSL	ND	ND	21.4	21.4	1010

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 173', per New Mexico State Engineer Office).

All results are ppm. Chloride results are for documentation. BSL - Below Subsurface Level. X - Sample Points



Melson ZS Federal #1

30-015-25171

Section 8, T26S-R30E

**Eddy County, NM** 

### SAMPLE DIAGRAM (Not to Scale)

Xenco Laboratories: #345135 & 345138

Report Date: 9/23/2009

Xenco Laboratories: #362839 & 362840

Report Date: 2/23/2010
Prepared by Robert Asher
Environmental Regulatory Agent

### **Analytical Report 345135**

for

### **Yates Petroleum Corporation**

Project Manager: Robert Asher

Melson ZS Federal #1 30-015-25171

23-SEP-09





-12600-West-I-20-East-Odessa;-Texas-79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87428), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)
Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),
South Carolina(96031001), Louisiana(04154), Georgia(917)



23-SEP-09

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

Reference: XENCO Report No: 345135

Melson ZS Federal #1 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 345135. 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.\_345135\_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.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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



### Sample Cross Reference 345135

Proceedings of the process of the pr



### Yates Petroleum Corporation, Artesia, NM

Melson ZS Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample 1d
GS/Comp-001	S	Sep-17-09 09:48	4 - 4 In	345135-001
GS/Comp-002	S	Sep-17-09 10:01	12 - 12 In	345135-002
GS/Comp-003	S	Sep-17-09 10:20	18 - 18 In	345135-003
GS/Comp-004	S	Sep-17-09 10:33	4 - 4 In	345135-004
GS/Comp-005	S	Sep-17-09 10:47	12 - 12 In	345135-005
GS/Comp-006	S	Sep-17-09 10:59	18 - 18 In	345135-006

### CASE NARRATIVE



Client Name: Yates Petroleum Corporation

Project Name: Melson ZS Federal #1

Project ID:

30-015-25171

Work Order Number: 345135

Report Date: 23-SEP-09 Date Received: 09/18/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-773206 Percent Moisture

None

Batch: LBA-773214 Percent Moisture

None

Batch: LBA-773228 BTEX-MTBE EPA 8021B

SW8021BM

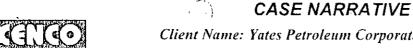
Batch 773228, 4-Bromofluorobenzene recovered below QC limits Data not confirmed by reanalysis. Samples affected are: 538250-1-BLK,345135-005,345135-006,345135-004. Matrix Interference is suspected in sample surrogate failures.

SW8021BM\_

Batch 773228, Ethylbenzene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 345135-006, -005, -004.

The Laboratory Control Sample for m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits



Client Name: Yates Petroleum Corporation

Project Name: Melson ZS Federal #1

Project ID:

30-015**-**25171

Work Order Number: 345135

Report Date: 23-SEP-09 Date Received: 09/18/2009

Batch: LBA-773294 BTEX-MTBE EPA 8021B

SW8021BM

Batch 773294, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 345135-002, -003, -001.

The Laboratory Control Sample for Toluene, m,p-Xylenes, Benzene, Ethylbenzene, o-Xylene is

within laboratory Control Limits

### SW8021BM

Batch 773294, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; sample data confirmed by re-analysis

Samples affected are: 345135-001 S,345135-001 SD,345135-003.

4-Bromofluorobenzene recovered below QC limits Sample Data confirmed by re-analysis.

Samples affected are: 538297-1-BLK,345135-001.

4-Bromofluorobenzene recovered above QC limits. Sample Data confirmed by re-analysis.

Samples affected are: 345135-002, 345135-003.

Batch: LBA-773698 TPH by SW 8015B

None



Project Id: 30-015-25171 Contact: Robert Asher

Project Location: Eddy County

# Certificate of Analysis Summary 345135

Yates Petroleum Corporation, Artesia, NM

Project Name: Melson ZS Federal #1

Date Received in Lab: Fri Sep-18-09 09:58 am Report Date: 23-SEP-09

Project Manager: Brent Barron, II

		147.47.1111		(4) (1)	345135.004	145115.005	345135-006
		100-001010	100000	200-01-01-0	100-001010	000-001710	DAN-CETCEC
Analysis Donnordad	Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/Comp-006
	Depth:	4-4 In	12-12 In	18-18 In	n 1-1	12-t2 ln	18-18 In
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
35	Sampled:	Sep-17-09 09:48	Sep-17-09 10:01	Sep-17-09 10:20	Sep-17-09 10:33	Sep-17-09 10:47	Sep-17-09 10:59
BTEX by EPA 8021B Ex	Extracted:	Sep-21-09 09:02	Sep-21-09 09:02	Sep-21-09 09:02	Sep-18-09 15:00	Sep-18-09 15:00	Sep-18-09 15:00
- W	Analyzed:	Sep-21-09 15:15	Sep-21-09 15:34	Sep-21-09 16;30	Sep-19-09 02:43	Sep-19-09 03:02	Sep-19-09 03:20
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	Ing/kg RL	mg/kg RL	mg/kg <sup>l</sup> RL
Benzene		ND 0.0011	0.0031 0.0011	0.0030 0.0011	1100.0 ON	1100:0 GN	ND 0,0011
Toluene		ND 0.0022	0.0061 0.0022	0.0059 0.0023	ND 0.0021	ND 0.0022	ND 0.0023
Ethylbenzene		ND 0.0011	0.0284 0.0011	0.0219 0.0011	1100.0 CIN	1100:0 CIN	1100,0 CIN
m,p-Xylenes		ND 0.0022	0.0449 0.0022	0.0313 0.0023	ND 0.0021	ND 0.0022	ND 0.0023
o-Xylene		ND 0.0011	0.0333 0.0011	0.0332 0.0011	ND 0.0011	1100.0 GN	1100.0 UN
Total Xylenes	_	1100.0 GN	0.0782 0.0011	0.0645 0.0011	1100.0 CIN	1100.0 GN	1100.0 CIN
Total BTEX		1100.0 GN	0.1158 0.0011	0.0953 0.0011	1100 0.0011	1100.0 GN	1100.0 CIN
Percent Moisture Ex	Extracted:	-					•
4	Analyzed:	Sep-21-09 08:53	Sep-21-09 08:53	Sep-21-09 09:09	Sep-21-09 09:09	Sep-21-09 09-09	Sep-21-09 09:09
	Units/RL:	% RL	% RL	% RL	% RL	" RL	% RL
Percent Moisture	_	10.9 1.00	00.1 08.6	11.5 1.00	5.61 1.00	10.7 1.00	12.6 1.00
TPH By SW8015B Mod Ex	Extracted:	Sep-22-09 09:38	Sep-22-09 09;38				
An	Analyzed:	Sep-22-09 11:55	Sep-22-09 12:21	Sep-22-09 12:46	Sep-22-09 13:11	Sep-22-09 13:36	Sep-22-09 14:01
in .	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	ıng/kg RL	mg/kg RL	mg/kg RL
C6-C10 Gasoline Range Hydrocarbons		8.91 QN	991 QN	ND 84.5	ND 15.8	7.91 (IN	LY.2
C10-C28 Diesel Range Hydrocarbons		897 16.8	991 0698	2880 84.5	734 15.8	205 16.7	ND 17.2
Total TPII	-	8.91 7.08	991 0698	2880 84.5	734 15.8	205 16.7	ND 17.2

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 fureby presented. Our flability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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

Odessa Laboratory Manager

Page 6 of 19



### 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 and above the SQL.
- 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.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

		Limit

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

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

	Phone	Fax
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North 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
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116

<sup>\*</sup> Outside XENCO's scope of NELAC Accreditation.

Xenca Labo	A. Xenca Laboratores Company			,	g-Ann		E/E	00923 0	West t	20 Eas		ALVE EES. PROME 412-551-1500				Phone	4.12	Phone: 412-561-1688 Fax: 412-563-1713	EOF1.			
Proje	Project Manager, Robert Asher		-		, T.	ا 1 دوي	rile:	No.			·		Project Name; Melson 2S Federal #1	Name	Mels	SZ :30	Fede	3				
Com		um Corporati	. 8			Ž.	MARKET MA	ing to as				1	Ę.	# 15ek	30.0	Project #: 30 015-2517	1.2					1
Comp		n Street					践	12016				1 1	Projo	20 T. 00	Eudy	Project Lec: Eddy Carity						
CITA	City/State/Zip: Artesia, NM. 88210	66210						D. 1						Š.	PO #: 105632	Ç!				ĺ		- 1
Telap	Telephone No. 505-748-4217				; ·	Fax No.	20	05-748-4662	29			ē	Report Formati	17	- 8	Standard		TIRRE	à	Ó	١	٠.
Samp	inte	ڪهر بار	2			in in	17721	ba@	oba@yatespetroleum.com	etrok	and a	. 8									}	
Table And All	Carlo	, [24]					ald a	ų,					LL.		101	- ⊢	Analyza Fe	ال	E	ļ.	1	
が代替え	いしています	る。これととして	<u>-</u>			ide.	Į.						1		101/2		F	Г		_	e E E	
ORDER #	15010 K	ر ا ا	, ,	٠.		403	ăİ.	Peak	Presentant & A of Consulting	4 C9	Call AN	man.	3	-		34)		7/9	_	_	10	_
	· 	•			· .		k to k it					Marie Marie	-40 Y	1X 4009	(4:115)	4,417		\$3.4.¥1.8			is , entre	
CALLARY (M) (	, ,	-	rhqoQ goldd	anged gi	belonis2 a	peldules	Pariting to a	તાલકારી લ	*(	Н		All water before	108 E814	2011 Cf zri gw.,cDjen	תוכו SCA, Alu 1184 כונ	on the fee fee	NAME OF THE PARTY.	# (80)/2/31/209 P			octory TAT H	LA1 bish
	FIELD CODE		— <del>  ;; `</del>		Date of the leaf	mul.		Obd4	12H 🔆	iO078	ucti		HHL >	H-II CBBD	KX:Py	145454	PRINT.	136 ×	10 N 10 N		รกษ	-
C	GS/Comp-Off2	1.5				10.016At	iñi	));  X	35	$\perp$	Ŀ	U.	×	-		Ľ	ļ.,	 	×		H	
がない	GS/Comp-003		, <u>«</u>			70.20 A.	ĺž,	×	Ý.	-Q1		S	×	╀				   ×			<u> </u>	
77.75	GS/Comp-004					10:33 AM	1223	ŀж	1	1.3		s	×	$\vdash$				×	×			
KS S	GS/Ccmp-005	7	-	27	9/17/2009	10.47 AM	Q (z	, ×	,547 : 1	3/E 7/0		S	×	H				×	×			싀
38	6S/Cemp-006	147.	80	18.	9/17/2009	10.59 AM	⊈∰ 	×	: : ::::::::::::::::::::::::::::::::::			S						×	<u>×</u>			ŀ
Part of			7			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Bi 15.			ia)								-			-	<del>-</del>
AC.					, ,	, in the second	*1	>		31,5									$\dashv$	1	4	-+
婚題	PLEASE PUT CHLORIDES	ES	2				£2.			내	1 11								-		_'	
漂流	. ON SEPARATE REPOR	4T		100	1 5	- 140 A	υÝ		,	16.5° 1631						_		$\dashv$	$\dashv$			٠,
nateuc	TPH	80(58,87)	X; 602	88.	Chlorides	Please show	E MARIE	resul	n se si	By.6	Thank	not:		3:319	Sample Co	Salipie Contempra infacti VOCs Free of Hearspace	Sinta	7	5	100 A	Z.Z	74.
Retinquished by	800100	Dete 09/17/09	2.29 PM	2 3 Ta	Recorded by	La Company			Đ.	¥5	 	Date	E C	i	100 to 0.00 to	Labels on contaments (25) Custody seals on contained Custody seals on contained	117 E	-1		60 M	7 7 X	31 ×3
Refrequeshed by		9	<b>8</b>	3 - 17	Convention by			eseria.				Osla		163	b) Sarpent by Contest?	Sample Hand Delivered b) Sampler Rep. 1 by Contest 11 DRS	2 5 S	;,	13.112	Folia Lone Star	22.0	
sénaushed by:	200	Service Date of the Control of the C	a I		Cented by ELO	学が		7 () 253	31		٠ د	Date	10	_	emperature	. 5	Upon Recept	~ · ·	1	ران مارتون مارتون	, ۷	

1.14

### Environmental Lab of Texas

Variance/ Corrective Action Re	port- Samp	ile Log-In		
Client Yates Pet				
Date/ Time : 1/4/1/5/109 9:55				
Date/ Time / ///13/09 9/58 Lab ID # 345/35/ 345/38				
Initials: GNAS -				
•				
Sample Receipt	Checklist			
#1 Temperature of container/ cooler?	∂(Ēŝ	No	41	Citent Initials
#2 Shipping container in good condition?	des	No		
#3 - Custody Seals intact on shipping container/ cooler?	₹ es	No	Not Present	
#4 Custody Seals intact on sample bottles/ container?	Q es ⊃	No	Not Present	<del> </del>
#5 Chain of Custody present?	(Yes)	No	HOLF (ESCH)	<del> </del>
#6 Sample instructions complete of Chain of Custody?	(Yes	No		
#7 Chain of Custody signed when relinquished/ received?	Yes	No	· · · · · · · · · · · · · · · · · · ·	<del> </del>
#8 Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont / Lid	<del></del>
#9 - Container label(s) legible and intact?	Yes	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	(Yes	. No	TOUT (Spinosois	
#11 Containers supplied by ELOT?	(Yes	No.		
#12. Samples in proper container/ bottle?	Yes	. No	See Below	<del>                                     </del>
#13: Samples properly preserved?	Yes	No	See Bolow.	<del> </del>
#14 :Sample bottles intact?	Yes	No		<del>  </del>
#15 Preservations documented on Chain of Custody?	Yes	No.		1
#16 : Containers documented on Chaln of Custody?	(/es	No.	<del></del>	1
#17. Sufficient sample amount for Indicated test(s)?	(Ces	-No	See Below	<u> </u>
#18 All samples received within sufficient hold time?."	Yes	No	Sea Below	
#19 Subcontract of sample(s)?	Yes	'No	Not Applicable	·
#20% VOC samples have zero headspace? V. 20%	Yes :	No*s	. Not Applicable	
Variance Docum Contact	nentation	_	Date/ Time:	
Regarding:				
Corrective Action Taken:	· · · · ·			
· · · · · · · · · · · · · · · · · · ·				
			<u> </u>	
Check all that Apply:  See attached e-mail/ fax  Cilent understands and wou  Cooling process had begun			•	
			•	

Page 18 of 19

### Analytical Report 345138

for

### **Yates Petroleum Corporation**

Project Manager: Robert Asher

Melson ZS Federal #1 30-015-25171

23-SEP-09





### -12600-West I-20 East Odessa, Texas-79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87428), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)
Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),
South Carolina(96031001), Louisiana(04154), Georgia(917)









### Yates Petroleum Corporation, Artesia, NM

Melson ZS Federal #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	. \$	Sep-17-09 09:48	4 - 4 In	345138-001
GS/Comp-002	S	Sep-17-09 10:01	12 - 12 In	345138-002
GS/Comp-003	S	Sep-17-09 10:20	18 - 18 In	345138-003
GS/Comp-004	S	Sep-17-09 10:33	4 - 4 In	345138-004
GS/Comp-005	S	Sep-17-09 10:47	12 - 12 In	345138-005
GS/Comp-006	S	Sep-17-09 10:59	18 - 18 In	345138-006





Client Name: Yates Petroleum Corporation

Project Name: Mélson ZS Federal #1

Project ID:

30-015-25171

Work Order Number: 345138

Report Date: 23-SEP-09

Date Received: 09/18/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-773214 Percent Moisture

None

Batch: LBA-773259 Inorganic Anions by EPA 300

E300MI

Batch 773259, Chloride recovered above QC limits in the Matrix Spike.

Samples affected are: 345138-001, -002, -005, -003, -004, -006.

The Laboratory Control Sample for Chloride is within laboratory Control Limits



### 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 and above the SQL.
- 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:
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit\_

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

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116
	(214) 902 0300 (210) 509-3334 (813) 620-2000 (305) 823-8500 (432) 563-1800

<sup>\*</sup> Outside XENCO's scope of NELAC Accreditation.

Laboratory Comments: [1 U.T. 41...C.

anny Containing print and the con ę de Phone: 432-583-1800 Fax: 432-563-1713 TRAFT PERON CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 1344 Project Namo: Melson ZS Furleral #1 MIEX POSIFICICIO CE ELEVISION Project #: 30-015-25171 Report Formal: [1] Stansard Project Loc: Eddy County PMITEBRACKE PO #: 105632 (Poisesti, X)2 (C) seemily | Company | Interest St. | Company | ĕ Orto Dalle Dalle (Appliers ) IMBO eu/rj CHAIN OF C O:54N HONI '05'H 15H 10MH 2-6-21-17-47 Michigan Control of the Control of t 10:59 AM 18. 18: \$417/2009 310:20 AM 2 En No. 10:47 AM 9/17/2009 9/17/2009 12 12 3/17/2009 8/17/2009 baidmaß atsQ 12". 12". 90 RALL Control Control ម្នាជទិញ នឹងស្វារៈ Environmental Lab of Texas 505-748-4217 18 ritged prieniged Yates Petroleum Corporation 105 South 4th Street Atesia, NM. 88210 Robert Asher GS/Comp-003 GS/Comp-004 GS/Comp-002 GS/Comp 005 GS/Comp 006 GS/Comp-001 FIELD CODE A Xenco Laboratones Company Company Address: Sampler Signature: Project Manager Company Name Telephone No: City/State/Zip: Tel Cy Report Asher Reinquished by: ta madeland by 3 5

一种物

Page 10 of 12

### Environmental Lab of Texas.

Variance/ Corrective Action	Report- Samp	le Log-ir	1	
Client Yates Pet				
Date/ Time Male \$100 Getts				
Lab 10 = 345135/345138				
Initials: QV (d				
Sample Rece	eipt Checklist			Client Initials
#1 Temperature of container/ cooler?	₫€ŝ	No	41 .0	
#2 Shipping container in good condition?	cyes	No	<u>-</u>	<del>  </del>
+3 -(Custody Seals Intact on shipping container/ cooler?	<∀es	No	Not Present	<del> </del>
Custody Seats intact on sample bottles/ container?	(Yes)	No	Not Present	<del> </del>
5 Chain of Custody present?	Q'es⊳	No	Horriesen	<del> </del>
6 Sample instructions complete of Chain of Custody?	Q'es	No	<del> </del>	<del> </del>
Chain of Custody signed when relinquished/ received?	(Yes	No	<del></del>	<del> </del>
*8 Chain of Custody agrees with sample label(s)?	CYes	No	ID western as Commission	<del>                                     </del>
9 - Container label(s) legible and intact?	Yes.	No	ID written on Cont/ Lid	<del>                                     </del>
			Not Applicable	+
10. Sample matrix properties agree with Chain of Custody		, No	<del> </del>	<del> </del>
#11 Containers supplied by ELOT?	(Yes	:. No	<del></del>	<del>!</del>
12: Samples in proper container/ bottle?	Yes	No	See Selov	<del> </del>
13. Samples properly preserved?	Yes.	No	See Bolow	
14 Sample bottles intact?	Yes	No	ļ,	<del> </del>
15 Preservations documented on Chain of Custody?	.∠Yes ·	: No	ļ	<u> </u>
16 Centainers documented on Chain of Custody?	'(√es)	No	<u> </u>	1
#17' (Sufficient sample amount for indicated test(s)?	(Yes)		See Bolow	
118 All samples received within sufficient hold time?	(es)	No	See Before	
#19 \Subcontract of sample(s)?	Yes ?	⊕ No⊷	(Not Applicable)	<u> </u>
20 VOC samples have zero headspace?	(Yes 4:	No s	Not Applicable	
Variance Do	ocumentation	e e e	r	
Contact Contacted by:			Date/ Time:	
Regarding:			•	
Corrective Action Taken:				•
			_	<del>-</del>
Check all that Apply: See attached e-mall/ fax	-	ceed with	analysis	
Cooling process had beg				
10. 287				
Marie Ma			and the second	Carle Ball Street and the con-
* * * * * * * * * * * * * * * * * * * *	As .			

### **Analytical Report 362839**

for

### Yates Petroleum Corporation

Project Manager: Robert Asher

Melson ZS Federal # 1 30-015-25171

23-FEB-10



### 12600 West I=20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

\_ Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330) Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900) Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX) Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL00449):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917) North Carolina(444), Texas(T104704468-TX), Illinois(002295)



23-FEB-10

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

Reference: XENCO Report No: 362839

Melson ZS Federal # 1
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 362839. 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\_362839\_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.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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



### Sample Cross Reference 362839





### Yates Petroleum Corporation, Artesia, NM

Melson ZS Federal # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-18-10 10:34	24 - 24 In	362839-001
GS/Comp-002	S	Feb-18-10 10:47	30 - 30 In	362839-002
GS/Comp-003	S	Feb-18-10 11:03	6 - 6 In	362839-003



### CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Melson ZS Federal # 1

Project ID:

30-015-25171

Work Order Number: 362839

Report Date: 23-FEB-10

Date Received: 02/19/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-794718 TPH by SW 8015B

SW8015B NM

Batch 794718, C10-C28 Diesel Range Hydrocarbons recovered below QC limits in the Matrix

Spike and Matrix Spike Duplicate.

Samples affected are: 362839-001, -002, -003.

The Laboratory Control Sample for C10-C28 Diesel Range Hydrocarbons is within laboratory

Control Limits

Batch: LBA-794783 Percent Moisture

None

Batch: LBA-794998 BTEX by EPA 8021

SW8021BM

Batch 794998, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC

limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 362839-001, -002, -003.

The Laboratory Control Sample for Toluene, m,p-Xylenes, Benzene, Ethylbenzene, o-Xylene is

within laboratory Control Limits



Project Id: 30-015-25171 Contact: Robert Asher

Project Location: Eddy County

### Certificate of Analysis Summary 362839 Yates Petroleum Corporation, Artesia, NM

Project Name: Melson ZS Federal # 1

Date Received in Lab: Fri Feb-19-10 09:35 am

λ. Σ.

23-FEB-10 Report Date:

Project Manager: Brent Barron, Il

	Lah Id:	362839-001	362839-002	362839-003	
	Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003	
Analysis Kequesiea	Depth:	24-24 In	30-30 In	6-6 ln	
	Matrix:	SOIL	SOIL	SOIL	
	Sampled:	Feb-18-10 10:34	Feb-18-10 10:47	Feb-18-10 11:03	
BTEX by EPA 8021	Extracted:	Feb-22-10 17:05	Feb-22-10 17:05	Feb-22-10 17:05	
	Analyzed:	Feb-23-10 03:51	Feb-23-10 04:13	Feb-23-10 04:35	· ·
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene	_	ND 0.0012	ND 0.0011	ND 0.0012	
Toluene		ND 0.0023	ND 0,0023	ND 0,0023	
Ethylbenzene		ND 0.0012	ND 0.0011	ND 0.0012	
m,p-Xylenes		ND 0.0023	ND 0.0023	ND 0,0023	
o-Xylene	-	ND 0.0012	1100.0 UN	ND 0.0012	
Xylenes, Total	-	ND 0.0012	ND 0,0011	ND 0.0012	
Total BTEX	-	ND 0.0012	1100.0 ON	ND 0.0012	
Percent Moisture	Extracted:			-	
	Analyzed:	Feb-19-10 17:00	Feb-19-10 17:00	Feb-19-10 17:00	
	Units/RL:	% RL	% RL	% RI.	
Percent Moisture	-	13.7 1.00	12.4 1.00	15.1 1.00	The state of the s
TPH by SW 8015B	Extracted:	Feb-19-10 11:45	Feb-19-10 11:45	Feb-19-10 11;45	
	Analyzed:	Feb-20-10 06:08	Feb-20-10 06:35	Feb-20-10 07:03	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons	-		ND 85.5	7.71 GN	
C10-C28 Diesel Range Hydrocarbons		537 17.4	815 85.5	21.4 17.7	
Total TPH	_	537 17.4	815 85.5	21.4 17.7	

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

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

Odessa Laboratory Manager

Page 5 of 15



### Flagging Criteria

- 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.
- RPD exceeded lab control limits.
- The target analyte was positively identified below the MQL and above the SQL.
- 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.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

-RL Reporting Limit -

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America Phone Fax (281) 240-4200 (281) 240-4280 4143 Greenbriar Dr. Stafford, Tx 77477 (214) 902 0300 (214) 351-9139

9701 Harry Hines Blvd, Dallas, TX 75220 (210) 509-3334 (210) 509-3335 5332 Blackberry Drive, San Antonio TX 78238 (813) 620-2000 (813) 620-2033 2505 North Falkenburg Rd, Tampa, FL 33619 (305) 823-8500 (305) 823-8555 5757 NW 158th St, Miami Lakes, FL 33014 (432) 563-1800 (432) 563-1713 12600 West 1-20 East, Odessa, TX 79765 (361) 884-0371 (361) 884-9116 842 Cantwell Lane, Corpus Christi, TX 78408

<sup>\*</sup> Outside XENCO's scope of NELAC Accreditation.

## **Environmental Lab of Texas**

THE PROPERTY OF THE PERSON OF

· -

THE RESERVE OF THE PROPERTY OF

A Xenco Laboratories Company

NPDES TRRP Phone: 432-563-1800 Fax: 432-563-1713 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Project Name: Melson ZS Federal #1 Project #: 30-015-25171 Report Format: X Standard Project Loc: Eddy County PO#: 105632 boba@yatespetroleum.com Odessa, Texas 79765 12600 West I-20 East 505-748-4662 Fax No: e-mail: Yates Petroleum Corporation Company Address: 105 South 4th Street Artes'a, NM 88210 Robert Asher 505-748-4217 Sampler Signature: Project Manager: Company Name Telephone No: City/State/Zip:

	krit	21	97	As (eubedo-eng) TAT HRUR TAT bishnst2	×	×	×								z z	 Z'Z Z	zz	Deno Star
						$\Box$										\n\		Ā
														QQ.	498	7	園	
		_		Chiorides	×	×	×								7~	, w.	(	
		.M.R.C.N																
		-		всі		Ī										(s)		품
.: ::	<u> </u>		06	BTEX 60218/5030 or STEX 82	×	×	×								. <del>`</del>	Labels on container(s) Custody seals on container(s) Custody seals on coder(s)	 	
7		Г	<u>├</u>	Semivolatiles	_			_	•					コ	Laboratory Comments: Semple Containers Intage?. VOCs Free of Headspace?	Labels on container(s) Custody seals on containe Custody seals on containe	Sample Hand Delivered by Sampler/Client Rep.	UPS
Analyze For:	Н	$\vdash$	<del>                                     </del>	Volatiles										一	emil Pisi Sads	<b>E</b> 8 8	alive Fert	- (
Ę	H		95	Metals, As Ag Ba Ca Cr Pb Hg										ᅱ	돌돌	Labels on container(s). Custody seals on conta Custody seals on conta	S S S S S	6-
	۵	٠	<del>                                     </del>	SAR / ESP / CEC				$\dashv$		$\vdash$				ᅱ	S and S	Seal	무를	by Couner?
	2	TOTAL	H	Anions (CI, 504, Alkalinity)		$\dashv$	$\dashv$	$\dashv$						ᅥ	rate SF	₹ <u>₹</u>	Se	ٽ.
		-	-			$\rightarrow$					-		-+		od min	lest usto	o de la composição	۵
	l		$\vdash$	Cations (Ca, Mg, Va, K)		$\dashv$		_							<u> </u>	<u> 300</u>	3	_
	Ì		-	3001 XT 3005 XT :HGT					<u> </u>	-				}	'	ဍ	gg.	-
_	L	L.	89	1.814 H9T	×	×	×									Time	Time	
•			Įέ	NP=Non-Potable Specify Other							1					<u> </u>	<b> </b>	4
			Matrix	GW = Groundwater S=Soil/Soild	လ	ေ	ഗ								ä	1		
			H	DVAz Donking Weler SL=Studge					ļ	-	١	Н			Thank you	Date	Date	•
			ners	Other ( Specify)						<u> </u>	<del> </del> _			$\dashv$	ant	ľ		
			# of Containers	None					_	-		_	<b></b>		든	<u> </u>		_
		Ē	cO <sub>2</sub> S <sub>2</sub> 6N						<u> </u>	<u> </u>				ģ				
		ō	HOBM				<u>.                                    </u>		<u> </u>	ļ				/bu	1			
			8 00	'0s'H							<u>L</u> .				u sı			
			Preservation	нсі							1				(S a	ĺ		
			Tase	400н											sul			
			1	901	$\overline{}$	×	×				1		$\sqcap$		ا ا			
			_	Total #. of Containers								1	_ 1		<u> </u> @			
				Field Filtered						<del> </del>	1	1			D			
					⋝	Σ	Σ		T		1	<b>†</b>	$  \cdot  $	_	Ę			
				ті <b>те</b> Sampled	10:34 AM	10:47 AM	11:03 AM								Please show BTEX results as mg/kg.			
				Date Sampled	2/18/2010	2/18/2010	2/18/2010								& Chlorides.	Received by:	Received by:	
				Ending Depth	24"	30"	<u>.</u> 9								021B	Time 3:29 PM		
				គរពុទ្ធ ខ្ពស់ពេលខែទង	24"	30	.59		_		_				Ä.X.	3.28		
	<u></u>	•	<u>2</u>										DES	ıRT	TPH: 8015B; BTEX: 8021B & Chlori	Date 02/18/10	Date	
)		_	3,2434/26,2840	FIELD CODE	GS/Comp-001	GS/Comp-002	GS/Comp-003	<u> </u>					PLEASE PUT CHLORIDES	ON SEPARATE REPORT	ТРН	000/1.00	)	
	only			] .									PLEAS	SNO	Special Instructions:	1		
	Co. Hall	(rab use oury)	ORDER #:	AB # (lab use only)	5	20	50								Special	Relinquished by:	Robert Asher Relinquished by:	

•:

7

01617

### Emironmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

tanendo do la companya da comp	P=:- ==:::,p::	3		∐.	
Client <u>Vates Petroleum</u>					
Date/ Time: 2.19.10 9:35			·		
Lab 10#: 362839 362840					
initials:					
Sample Receipt	t Checklist		,		
	• • • • • • • • • • • • • • • • • • • •		Ċ	lent initia	is
#1 Temperature of container/ cooler?	(Yes)	No	4.6 °C		Ī.,
#2 Shipping container in good condition?	लंब	No		<u></u>	1
#3 Custody Seals intact on shipping container/ cooler?	(Pes)	No	Not Present		1
#4 Custody Seals intact on sample bottles/ container?	<b>(68)</b>	No	Not Present	11	┥
#5 Chain of Custody present?	(Tes	No	Not a reason		1
#6 Sample instructions complete of Chain of Custody?	(Yes	No		<del></del>	7
#7 Chain of Custody signed when relinquished/ received?	Ø€®	No			1
#8 Chain of Custody agrees with sample label(s)?	(Yes	No	iD written on Cont./ Lid	: !	7
#9 Container label(s) legible and intact?	(Yes	No	Not Applicable		7
#10 Sample matrix/ properties agree with Chain of Custody?	Yes	No			7
#11 Containers supplied by ELOT?	(Yes	No	1		7
#12 Samples in proper container/ bottle?	(Yes	No	See Below	- :	7
#13 Samples property preserved?	(Yes)	No	See Below	<del></del>	7
#14 Sample bottles intact?	Yes	No			7
#15 Preservations documented on Chain of Custody?	Yes	No			ᅱ
#16 Containers documented on Chain of Custody?	Yes	No		-+	-
#17 Sufficient sample amount for Indicated test(s)?	(Yes)	No	See Below		4
#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	<del></del>	-
/ / / / / / / / / / / / / / / / / / /	100	1 40	Not Applicable		
Contact Contacted by:	umentation		Date/Time:	! !	
Regarding:		-			
regarding.		<del></del> .			<u> </u>
	<del></del>	· · · · · · · · · · · · · · · · · · ·			<u> </u>
Corrective Action Taken:					
		<del></del> -			<u> </u>
	· · · · · · · · · · · · · · · · · · ·				<del> </del>
					<del> </del>
Check all that Apply: See attached e-mail/ fax					}
Client understands and wo					•
Cooling process had begu	n snonty after	sampiin	g ev <del>ê</del> nt		1

### **Analytical Report 362840**

for

### **Yates Petroleum Corporation**

Project Manager: Robert Asher

Melson ZS Federal #1 30-015-25171

23-FEB-10





### 12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102)

\_\_Xenco-Atlanta (EPA Lab, Code: GA00046):\_ \_\_

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALII), West Virginia (362), Kentucky (85) Louisiana (04176), USDA (P330-07-00105)

> Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330) Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX) Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL00449):

Florida(E86240), South Carolina(96031001), Louisiana(04154), Georgia(917)

North Carolina(444), Texas(T104704468-TX), Illinois(002295)





23-FEB-10

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

Reference: XENCO Report No: 362840

Melson ZS Federal # 1
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 362840. 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.-362840-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.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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







### Yates Petroleum Corporation, Artesia, NM

Melson ZS Federal # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
.GS/Comp-001	S	Feb-18-10 10:34	24 - 24 In	362840-001
GS/Comp-002	S	Feb-18-10 10:47	30 - 30 In	362840-002
GS/Comp-003	S	Feb-18-10 11:03	6 - 6 In	362840-003



### CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Melson ZS Federal # 1



Project ID:

30-015-25171

Work Order Number: 362840

Report Date: 23-FEB-10 Date Received: 02/19/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-794783 Percent Moisture

None

Batch: LBA-794973 Inorganic Anions by EPA 300

None



Project Id: 30-015-25171 Contact: Robert Asher

Project Location: Eddy County

# Certificate of Analysis Summary 362840

Vates Petroleum Corporation, Artesia, NM

Project Name: Melson ZS Federal # 1

CS Federal # 1

Date Received in Lab: Fri Feb-19-10 09:35 ann Report Date: 23-FEB-10

Report Date: 23-FEB-10
Project Manager: Brent Barron, II

49.5 8 7 Feb-18-10 11:03 Feb-22-10 19:16 Feb-19-10 17:00 GS/Comp-003 362840-003 0-6 In SOIL 1010 15.1 ng/kg % R. 48.0 3 3 Feb-22-10 19:16 Feb-18-10 10:47 Feb-19-10 17:00 GS/Comp-002 362840-002 30-30 In SOIL mg/kg 2410 12.4 % 19.5  $\mathbb{R}$ 8 몺 Feb-18-10 10:34 Feb-22-10 19:16 Fcb-19-10 17:00 GS/Comp-001 362840-001 24-24 In SOIL 13.7 189 mg/kg % Field Id: Lab Id: Depth: Matrix: Analyzed: Sampled: Analyzed: Units/RL: Extracted. Units/RL: Extracted: Anions in Soil By EPA 300.0 Percent Moisture Analysis Requested

Percent Moisture

Chloride

`` '

Brefi Barron, II Odessa Laboratory Manager

Page 5 of 11

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

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expectations and results expectations and results expectations and results expectation and a NENCO 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 agreet to in writing.



### 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 and above the SQL.
- 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.

-	<i>,</i>			•	1 11 11
. њ	( — Namnie, ar	2 17/201	l-Airteide	. At-rocammon	10d-hald-tima
T.	L Jannett an	alyzcu	i ouisiuc	of-recommend	ica noma mme.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

DDI	T 1	Reporting	T .
RDI	HAIATI	PANATTINA	I trout

	orting	

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

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America Phone Fax (281) 240-4200 (281) 240-4280 4143 Greenbriar Dr, Stafford, Tx 77477 (214) 902 0300 (214) 351-9139 9701 Harry Hines Blvd , Dallas, TX 75220 (210) 509-3334 (210) 509-3335 5332 Blackberry Drive, San Antonio TX 78238 (813) 620-2000 (813) 620-2033 2505 North Falkenburg Rd, Tampa, FL 33619 (305) 823-8500 (305) 823-8555 5757 NW 158th St, Miami Lakes, FL 33014 (432) 563-1800 (432) 563-1713 12600 West I-20 East, Odessa, TX 79765 (361) 884-0371 (361) 884-9116 842 Cantwell Lane, Corpus Christi, TX 78408

<sup>\*</sup> Outside XENCO's scope of NELAC Accreditation.

### **Environmental Lab of Texas**

日本国際開発的などのの対象があったいかける

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

CONTRACTOR OF THE PROPERTY OF

Odessa, Texas 79765 12600 West I-20 East

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

Project Name: Melson ZS Federal #1

Project #: 30-015-25171 Project Loc: Eddy County

Yates Petroleum Corporation

Company Name

Robert Asher

Project Manager:

Company Address: 105 South 4th Street

Artesia, NM 88210

City/State/Zip:

505-748-4217

Telephone No:

Sampler Signature:

(tab use only) ORDER #:

302839/362840

PO#: 105632

505-748-4662

Fax No: e-mail.

X Standard

Report Format:

boba@yatespetroleum.com

Analyze For Metals, As Ag Ba Cd Ct Pb Hg Se TCLP: 1014

SAR JESP J CEC Anions (Cl, SO4, Alkalınity) Cations (Ca. Mg. Na. K) 9001 XT 9001 XI 80158 WS108 1.814 Бресіїу Отпаг Preservation & # of Containers

:HdI Hal SIGEICA-JONEAN egbui≳≃JS neisW gniknnG≠WC Orner (Specify) Mone COSSEN HOPN

> 'os<sup>z</sup>h HCI

> > CONH eo|

oral #. of Containers benetiiii biei

Time Sampled

Date Sampled

Ending Depth

daginning Depth

-- -TAT brabnets

Seminoismes

Sellielov

RUSH TAT (Pre-Schedule) 24, 48, 72 hm

× ഗ

> × ×

10:34 AM 10:47 AM 11:03 AM

2/18/2010 2/18/2010 2/18/2010

24" 30

24" 30" ئ

ģ

GS/Comp-003 GS/Comp-002 GS/Comp-001 FIELD CODE

> $\zeta^{\circ}$ 9,5

 $\bar{c}$ 

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

Date Sel

Time 0.67 Date

Time

Sample Hand Delivered

Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s)

by Sempler/Client Rep. 'by Counier?, UPS

Š J

ပ္

NPDES THRP

Chlorides × × M.9.0 N BCI BLEX 805/8/2030 ON B1EX 8580 ×

× ×

VOCs Free of Headspace? Sample Containers Intact? Laboratory Comments

**x** z **z** z z z z

V 0.1.5 14.55 Temperature Upon Receipt:

eceived by: Ime

Received by

3:29 PM

02/18/10

lea/y pc

Relinquished by:

Date

īme

Date

Robert Asher Relinquished by:

Relinquished by

Final Ver. 1.000

PLEASE PUT CHLORIDES ON SEPARATE REPORT

Special Instructions:

(yino sau dai) # BA

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

	Vai	latice/ Corrective Action (tep	on campic	, <del>20</del> 9		H			
Client	Votes Pet	roleum	•						
Date/ Time:	2.19.10	9:35	-		•				
Lab ID#:	302839	362840							
Initials:	<u> </u>								
		Sample Receipt	Checklist		· · · · · · · · · · · · · · · · · · ·	elstinials			
#1 Temper	ature of container/ c	ooler?	(Yes)	No	4.6°C		٠,		
	g container in good		(Yes	No			٠.		
		pping container/ cooler?	(Yes)	No	Not Present				
		ple bottles/ container?	<b>Ves</b>	No	Not Present	11			
	f Custody present?		Yes	No		1	1		
#6 Sample	instructions comple	te of Chain of Custody?	(Yes	No		1	}		
#7 Chain o	of Custody signed wh	en relinquished/ received?	(Ves	No			]		
	of Custody agrees wi		Yes	No	iD written on Cont./ Lid				
#9 Contain	er label(s) legible ar	nd intact?	(Yes	No	Not Applicable				
#10 Sample	e matrix/ properties :	agree with Chain of Custody?	Yes	No			]		
#11 Contai	ners supplied by ELO	OT?	(Yes	No			]		
#12 Sampl	es in proper containe	er/ bottle?	(Yes)	No	See Below	-	7		
#13 Sampl	es property preserve	d?	(Yes)	No	See Below	1	]		
#14 Sampl	e bottles intact?		Yes	No			} .		
#15 Preser	vations documented	on Chain of Custody?	//es	No			7		
#16 Contai	ners documented or	Chain of Custody?	Yes	No		1	7		
#17 Suffici	ent sample amount l	or indicated test(s)?	(Yes)	No	See Below		1		
#18 Ali san	nples received within	sufficient hold time?	Yes	No	See Below		7		
	ntract of sample(s)?		Yes	No	Not Applicable				
#20 VOC 8	amples have zero h	eadspace?	Yes)	No	Not Applicable		]		
Contact: Regarding:	Contact: Contacted by: Date/ Time:								
Corrective A	Action Taken:								
Check all th	nat Apply:	See attached e-mail/ fax Client understands and wou Cooling process had begun							