Bratcher, Mike, EMNRD

From: Bob Asher [BobA@yatespetroleum.com]

Sent: Monday, May 09, 2011 2:56 PM

To: Bratcher, Mike, EMNRD

Cc: Jerry Fanning

Subject: Dagger Draw Water System (2RP-576)

Attachments: Analytical Report 415700; Dagger Draw Water System.pdf; Analytical Report 415704; Dagger

Draw Water System.pdf; DDWS Sample Diagram.pdf

Mike,

Attached are sampling results at the captioned location. Per the 4/21/2011 work plan, soils were excavated to a depth of six (6) inches; impacted soils were taken to an NMOCD approved facility. I would like to request these results be accepted for closure. If these results are accepted, upon NMOCD closure approval, Yates will top dress the excavation area with approximately 6" of like, clean top soil and reseed the area with the appropriate seed mixture before seasonal/monsoonal rains occur.

If you have any questions, please call me.

Thank you.

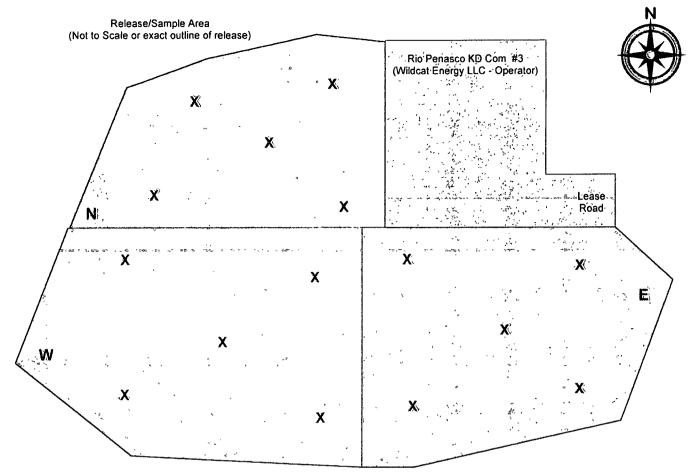
Robert Asher.

Yates Petroleum Corporation Office: (575) 748-4217

Cell: (575) 365-4021

Fax: (575) 748-4662

boba@yatespetroleum.com



Analytical Report-	T. A. Linday		BALLEY.						Chlorides
415676 8,415700	Sample Areas	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
,				6" (12"					
Comp-00.5 N	Release Area	5/4/2011	Comp/Auger	BSL)	0.00156	ND	52.1	52.1	247
-				12" (18"					
Comp-01.0 N	Release Area	5/4/2011	Comp/Auger	BSL)	0.156	ND	76.9	76.9	317
,				6" (12"					
Comp-00.5 W	Release Area	5/4/2011	Comp/Auger	BSL)	ND	ND	ND	ND	429
				12" (18"					
Comp-01.0 W	Release Area	5/4/2011	Comp/Auger	BSL)	ND	18.9	ND	ND	391
				6" (12"					
(Comp-00:51E	Release Area	5/4/2011	Comp/Auger	BSL)	ND	ND	ND	ND	304
, ,				12" (18"					
(Comp-(01)/0(E	Release Area	5/4/2011	Comp/Auger	BSL)	ND	ND	ND	ND	284

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 70', per Trend Map).

All results are ppm. X - Sample Points

Released: 800 B/O & PW Mix; Recovered: 300 B/O & PW Mix. Release Date: 1/5/2011



Dagger Draw Water System

30-015-28898

Section 11, T19S-R25E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 415676 & 415700 Report Date: 5/9/2011

Prepared by Robert Asher Environmental Regulatory Agent

Analytical Report 415700

for
Yates Petroleum Corporation

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NMOCD ARTESIA

8 Miges Recid

Project Manager: Robert Asher

Dagger Draw Water System

30-015-26299 (Arrow ARW Federal Com. # 1)

09-MAY-11



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Xenco Tucson (EPA Lab code: AZ000989) Arizona (AZ0758)

Xenco Phoenix (EPA Lab Code. AZ00901)
Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)





09-MAY-11

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

Reference XENCO Report No: 415700

Dagger Draw Water System 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 415700. 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 Nariative, 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. 415700 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 415700



Yates Petroleum Corporation, Artesia, NM

Dagger Draw Water System

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00 5 N	S	May-04-11 10:25	6 - 6 In	415700-001
Comp-01.0 N	S	May-04-11 10:43	12 - 12 In	415700-002
Comp-00.5 W	S	May-04-11 10:58	6 - 6 In	415700-003
Comp-01.0 W	S	May-04-11 11:15	12 - 12 In	415700-004
Comp-00.5 E	S	May-04-11 11 32	6 - 6 In	415700-005
Comp-01.0 E	S	May-04-11 11:48	12 - 12 In	415700-006

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Dagger Draw Water System



Project ID:

30-015-26299 (Arrow AR)

Work Order Number: 415700

Report Date: 09-MAY-11 Date Received: 05/06/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-855115 TPH By SW8015B Mod

SW8015B NM

Batch 855115, o-Terphenyl recovered above QC limits . Matrix interferences is suspected; data

confirmed by re-analysis

Samples affected are: 415700-002,415700-003,415700-006,415700-005,415700-004

Batch: LBA-855141 BTEX by EPA 8021B

SW8021BM

Batch 855141, Benzene, Toluene recovered below QC limits in the Matrix Spike. Ethylbenzene, m_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 415700-003, -006, -005, -001, -004, -002.

The Laboratory Control Sample for Toluene, Benzene, Ethylbenzene, m_p-Xylenes, o-Xylene is within laboratory Control Limits

within laboratory Control Limits



Flagging Criteria

- X In our quality control review of the data a OC 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 affect the recovery of the spike concentration. This condition could also affect 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 analytic. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- II The LCS data for this analytical batch was reported above the laboratory control lunits. 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

MDL Method Detection Limit

PQL Practical Quantitation Limit

LOD Limit of Detection

LOQ Limit of Quantitation

DL Method Detection Limit

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^{*} Outside XENCO's scope of NELAC Accreditation.



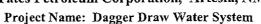
Project Id: 30-015-26299 (Arrow ARW Federal Com

Contact: Robert Asher

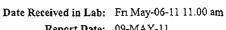
Project Location: Eddy County

Certificate of Analysis Summary 415700

Yates Petroleum Corporation, Artesia, NM



Report Date: 09-MAY-11



oject Location: Eddy County										n	YY			
										Brent Barron,				
	Lab Id:	415700-0	ю1	415700-0	002	415700-0)03	415700-0	04	415700-0	005	415700-0	006	
Analysis Requested	Field Id.	Comp-00	5 N	Comp-01	0 N	Comp-00.	5 W	Comp-01	w	Comp-00	5 E	Comp-01	0 E	
Analysis Requesten	Depth.	6-6 In		12-12 I	n	6-6 In		12-12 I	ח	6-6 In		12-12 I	n	
·	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	Sampled:	May-04-11	10.25	May-04-11	10.43	May-04-11	10.58	May-04-11	11 15	May-04-11	11-32	May-04-11	11 48	
BTEX by EPA 8021B	Extracted.	May-06-11	13 30	May-06-11	13 30	May-06-11	13 30	May-06-11	13.30	May-06-11	13 30	May-06-11	13 30	
	Analyzed:	May-07-11	07:58	May-07-11	08-21	May-07-11	06 28	May-07-11	06 50	May-07-11	07.13	May-07-11	07 36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Benzene		ND	0 0012	ND	0 0238	ND	0 0012	ND	0 0012	ND	0 0012	ND	0 0012	
Toluene		ND	0 0023	ND	0 0475	ND	0 0024	ND	0 0024	ND	0 0024	ND	0 0024	
Ethylbenzene		ND	0 0012	0 0254	0 0238	ND	0 0012	ND	0 0012	ND	0 0012	ND	0 0012	
m_p-Xylenes		ND	0 0023	0 0603	0 0475	ND	0 0024	ND	ND 0 0024		0 0024	ND	0.0024	
o-Xylene		0 00156	0.0012	0 0706	0 0238	ND	0 0012	ND	0 0012	ND	0 0012	ND	0.0012	
Total Xylenes		0 00156	0.0012	0 131	0 0238	ND	0 0012	ND	0 0012	ND	0 0012	ND	0 0012	
Total BTEX		0 00156	0 0012	0 156	0 0238	ND	0 0012	ND	0 0012	ND	0 0012	ND	0 0012	
Percent Moisture	Extracted:													
	Analyzed:	May-06-11	17 00	May-06-11	17-00	May-06-11	17 00	May-06-11	17 00	May-06-11	17 00	May-06-11	17.00	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL	
Percent Moisture		14.8	1 00	15 3	1 00	15 6	1 00	16.8	1 00	15 8	1 00	16 5	1 00	
TPH By SW8015B Mod	Extracted-	May-06-11	14 00	May-06-11	14:00	May-06-11	14 00							
	Analyzed:	May-07-11	09 02	May-07-11	09 31	May-07-11	10:00	May-07-11	10 29	May-07-11	10:59	May-07-11	11.30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
C6-C10 Gasoline Range Hydrocarbons		ND	175	ND	177	ND	178	ND	180	ND	17.8	ND	179	
C10-C28 Diesel Range Hydrocarbons		52 1	17.5	76 9	17 7	ND	178	ND	180	ND	178	ND	17 9 17.9	
Total TPH		52 1	17.5	76 9	177	ND	17.8	ND	180	ND	178	17 8 ND		

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 hability is limited to the amount invoiced for this work order unless otherwise agreed to in writing

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Odessa Laboratory Manager

Final 1 001

Page 5 of 16

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Final 1.001

Environmental Lab of Texas

A Xenco Laboratories Company

12600 West I-20 East Odessa, Texas 79765

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

	Project Manager:	Robert Asher															_	roje	ct Na	me:	Dag	gge	r C)rav	N V	/ate	er S	<i>iy</i> s	tem	<u> </u>	
	Company Name	Yates Petrole	eum Comorai	ion													-	P	roie	ct#•		5-262 v ARV		teral C	com #	:1)			.,		
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	Company Address	: 105 South 4ti	h Street								_						••	Pro	ject l	Loc:	Eddy	Cor	inty								,
	City/State/Zip	Artesia, NM	88210														-		P	0#:	1056	32									
	Telephone No:	575-748-4217	7				_ Fax No:		575	5-74	8-46	62					Rep	ort Fo	orma	t:	×ξ	tand	lard			TRE	RP	1	□N	IPDES	S
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XENCO Laboratories

Atlanta, Boca Raton, Corpus Christi, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist

Document No., SYS-SRC

Revision/Date: No 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

client: Yates								
Date/Time: 5-/0-11 1	1:00							
Lab 10#: 415700/	415 704							
Initials: XM								
		S	ample Receipt	Checki	ist			
1. Samples on ice?		~			Blue	Water	No	
2. Shipping container in	good condition?				Yes	No	None	
3. Custody seals intact o	n shipping containe	ег (сс	ooler) and bottles?		Yes	No	N/A	
4. Chain of Custody pres	sent?				(Yes)	No		
5. Sample instructions c	omplete on chain of	cus	tody?		Yes	No		
6. Any missing / extra sa	mples?				Yes	(No)		
7. Chain of custody sign	ed when relinquishe	d/r	eceived?		Yes	No		
8. Chain of custody agre	es with sample labe	l(s)?			Yes	No		
9. Container labels legib	le and intact?				Yes	No		
10. Sample matrix / prop	erties agree with ch	ain c	of custody?		(Yes)	No		
11. Samples in proper co	ontainer / bottle?				Yes	No		
12. Samples properly pre	eserved?				(Yes)	No_	N/A	
13. Sample container int	act?				(Yes)	· No		
14. Sufficient sample am	ount for indicated to	est(s)?		(Ves)	No		
15. All samples received	within sufficient ho	ld tir	ne?		Yes	No		
16. Subcontract of samp	le(s)?	····-			Yes	(No)	N/A	
17. VOC sample have ze	ro head space?				Yes	No	N/A)	
18. Cooler 1 No.	Cooler 2 No.		Cooler 3 No.		Cooler 4 No).	Cooler 5 No.	
lbs 35 ℃	lbs	°C	lbs	°C	lbs	°c	Ibs	ာ°
Contact:	N Contact		onformance Do			Date/Time:_		
Regarding:				···				
Corrective Action Taken	:							
Check all that apply: C	• •		egun shortly after s			ut of temper	ature	

☐ Initial and Backup Temperature confirm out of temperature conditions

□ Client understands and would like to proceed with analysis

Analytical Report 415704

for Yates Petroleum Corporation

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WAY **09** 2011

NMOCD ARTESIA

Brages Rec'cl

Project Manager: Robert Asher

Dagger Draw Water System

30-015-26299 (Arrow ARW Federal Com. # 1)

09-MAY-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



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Xenco-Houston (EPA Lab code: TX00122):
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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 (LΛ000312), 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-Mianii (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: FL01273):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):
Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)





09-MAY-11

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

Reference: XENCO Report No: 415704

Dagger Draw Water System 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 415704. 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 415704 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 415704



Yates Petroleum Corporation, Artesia, NM

Dagger Draw Water System

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00 5 N	S	May-04-11 10.25	6 - 6 In	415704-001
Comp-01.0 N	S	May-04-11 10·43	12 - 12 In	415704-002
Comp-00.5 W	S	May-04-11 10.58	6 - 6 In	415704-003
Comp-01.0 W	S	May-04-11 11:15	12 - 12 In	415704-004
Comp-00.5 E	S	May-04-11 11:32	6 - 6 In	415704-005
Comp-01.0 E	S	May-04-11 11:48	12 - 12 In	415704-006

CASE NARRATIVE



Client Name: Yates Petroleum Corporation Project Name: Dagger Draw Water System



Project ID:

30-015-26299 (Arrow ARI

Work Order Number: 415704

Report Date: 09-MAY-11 Date Received: 05/06/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Final 1.000



Certificate of Analysis Summary 415704

Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-26299 (Arrow ARW Federal Com

Project Name: Dagger Draw Water System

Contact: Robert Asher

Date Received in Lab: Fri May-06-11 11:00 am

Report Date: 09-MAY-11

Project Location: Eddy County Project Manager: Brent Barron, II

								I I O J C C I I I I	60.1	Diene Darion,			
	Lab Id:	415704-0	01	415704-0	102	415704-0	003	415704-0	004	415704-0	005	415704-0	006
Analysis Requested	Field Id:	Comp-00.	5 N	Comp-01	0 N)	Comp-00:	5 W	Comp-01.	0 W	Comp-00	.5 E	Comp-01	.0 E
Anuiysis Nequesieu	Depth:	6 - 6 In		12-12 I	n	6-6 In		12-12 I	'n	6-6 In	ı	12-12 I	ĺn
	Matrix:	SOIL	SOIL		ĺ	SOIL		SOIL		SOIL		SOIL	
	Sampled:	May-04-11	10 25	May-04-11	10 43	May-04-11	10:58	May-04-11	11.15	May-04-11	11 32	May-04-11	11 48
Anions by E300	Extracted:								-				
	Analyzed:	May-06-11	16 13	May-06-11	16 13	May-06-11	16-13	May-06-11	16:13	May-06-11	16:13	May-06-11	16.13
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		247	19 7	317	19.8	429	24.9	391	20 2	304	24 9	284	25 1
Percent Moisture	Extracted:										-		
	Analyzed:	May-06-11	17:00	May-06-11	17 00	May-06-11	17:00	May-06-11	17 00	May-06-11	17 00	May-06-11	17-00
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		14 8	1 00	15 3	1.00	15 6	1.00	16.8	1.00	15.8	1.00	16.5	1.00

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

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Odessa Laboratory Manager

Final 1.000

Page 5 of 11



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 affect the recovery of the spike concentration. This condition could also affect 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
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- LOD Limit of Detection
- LOQ Limit of Quantitation
- DL Method Detection Lunit
- * Outside XENCO's scope of NELAC Accreditation.

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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

Environmental Lab of Texas

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager:	Robert Ashe	r														_	Pr	ojecí	Nar	ne: [Dag	ger	Dr	aw	W	ate	r Sy	yste	m		
	Company Name	Yates Petrole	eum Corporat	tion													_		Pr	ojec		30-015- Алтоw			al Cor	n #1))					
	Company Address.	105 South 4t	h Street														_	i	Proje	ct L	oc: <u>E</u>	ddy (Coun	ty			·					
	City/State/Zip:	Artesia, NM	88210														_			PC	#: <u>1</u>	0563	2									_
	Telephone No:	575-748-421	7				Fax No:		575	5-74	8-46	62					_ 1	Repor	t For	mat	<u> </u>	Sta	anda	rđ	1		TRR	P		NPD	ES	
	Sampler Signature:	Que	<u>Ou, </u>				e-mail:		<u>bc</u>	ba	@y	ate	spe	etro	leu	m c	om	<u></u>														
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LAB # (lab use only)	FIEI	, LD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Configurers	lce	ниоз	HCI	H ₂ SO ₄	NaOH Na.S.O.	Nope	Olher (Specify)	OW≃Onnking Water SL≖Sludge	GW = Groundwater S=Soil/Solid NP=Non Polable Specify Other	418 1 8015M	TPH TX 1005 TX 1008	Cations (Ca. Mg, Na. K)	SAR/ESP/CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivoletiles	BTEX 8021B/5030 or BTEX 8260	RCI	N O.R M. Chlorides			RUSH TAT (Pre Schedule) 24, Standard TAT	
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Robert A Relinquis			05/05/11 Date		PM ne	Received by										Da	ite	-	Time	(custo: Samp by	dy se le Ha Sam	als o nd D pier/0	n co- elive Chent	oler(red Rep	(s)), ?) سيد	\$ 8888 < Q	Lone	4	
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XENCO Laboratories

Atlanta, Boca Raton, Corpus Christr, Dallas Houston, Miami, Odessa, Philadelphia Phoenix, San Antonio, Tampa Document Title: Sample Receipt Checklist

Document No., SYS-SRC

Revision/Date: No. 01, 5/27/2010

Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yatos		•		
Date/Time: 5-/a-1\ 1\:00				
Lab ID #: 415700/415704				
Initials: LM				
Sample Receipt Che	ecklist			
1 Samples on ice?	Blue	Water	No	
2. Shipping container in good condition?	(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yos	No	N/A	
4. Chain of Custody present?	(Yes)	No		
5. Sample instructions complete on chain of custody?	Yes	No		
6. Any missing / extra samples?	Yes	(Ng)		
7. Chain of custody signed when relinquished / received?	Yest	No		
8. Chain of custody agrees with sample label(s)?	Yes	No		
9. Container labels legible and intact?	Yes	No		
10. Sample matrix / properties agree with chain of custody?	(Yes)	No		
11. Samples in proper container / bottle?	(Yes)	No		
12. Samples properly preserved?	Yes	No	N/A	
13. Sample container intact?	(Yes)	No		
14. Sufficient sample amount for indicated test(s)?	Yes	No		
15. All samples received within sufficient hold time?	Yes	No		
16. Subcontract of sample(s)?	Yes	(No)	N/A	
17. VOC sample have zero head space?	Yes	No	(N/A)	
18. Cooler 1 No. Cooler 2 No. Cooler 3 No.	Cooler 4 No	0	Cooler 5 No.	
lbs 35 °C lbs °C lbs	°C lbs	°c	lbs	°C
Nonconformance Docu	mentation			
		D-4-France		
Contact: Contacted by:		Date/Time:_		
Regarding:				,
Corrective Action Taken:				
Check all that apply: □Cooling process has begun shortly after samp	ling event and o	out of temper	ature	

□ Initial and Backup Temperature confirm out of temperature conditions

☐ Client understands and would like to proceed with analysis