

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company YATES PETROLEUM CORPORATION	OGRID Number 25575	Contact SHERRY BONHAM
Address 105 S 4 TH STREET	Telephone No. 505.748.1471	
Facility Name MERLE STATE UNIT 3 <i>IRP-1152</i>	API Number 30-025-37545	Facility Type WELL

Surface Owner STATE	Mineral Owner STATE	Lease No
------------------------	------------------------	----------

LOCATION OF RELEASE

Unit Letter P	Section 14	Township 10S	Range 34E	Feet from the 990	North/South Line SOUTH	Feet from the 990	East/West Line EAST	County LEA
------------------	---------------	-----------------	--------------	----------------------	---------------------------	----------------------	------------------------	---------------

Latitude 33.44253 Longitude 103.42887

NATURE OF RELEASE

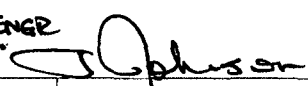
Type of Release CRUDE OIL	Volume of Release 40 B/O	Volume Recovered 20 B/O
Source of Release WATER TANK	Date and Hour of Occurrence 12/4/06 7:00 AM	Date and Hour of Discovery 12/4/06 7:00 AM
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse N/A	
If a Watercourse was Impacted, Describe Fully * N/A		

Describe Cause of Problem and Remedial Action Taken *
OIL TRANSPORTERS DID NOT PICK UP LOAD. OIL TANKS RAN OVER

Describe Area Affected and Cleanup Action Taken.*
AN APPROXIMATE 25' X 30' AREA AFFECTED. VACUUMED STANDING FLUIDS. EXCAVATED IMPACTED MATERIALS AND DISPOSED AT NMOC D APPROVED DISPOSAL FACILITY. CONFIRMATION SOIL SAMPLES OBTAINED FROM SIDE WALLS AND BOTTOM HOLE ON 4/23/2007. SIDE WALLS SOIL ANALYSES BELOW NMOC D'S RRALS. BOTTOM HOLE ANALYSES ABOVE NMOC D'S RRALS (SEE ATTACHED SAMPLE POINT DIAGRAM AND SOIL ANALYTICAL REPORT.) 7/3/2007: SITE RANKING CHANGED FROM 20 TO 10 BASED ON BOREHOLE DATA SUBMITTED TO NMOC D DISTRICT I. ADDITIONAL EXCAVATION PERFORMED BOTTOM HOLE. EXCAVATED MATERIALS HAULED TO DISPOSAL FACILITY. CONFIRMATION SOIL SAMPLES OBTAINED FROM BOTTOM HOLE ON 7/10/2007. AFTER REVIEW OF SOIL ANALYTICAL REPORT, NMOC D DISTRICT I CONCURS THAT SOIL ANALYSES COMPLIANT WITH NMOC D'S RRALS AND GRANTED PERMISSION TO BACKFILL. (SEE ATTACHED SAMPLE POINT DIAGRAM AND SOIL ANALYTICAL REPORT.) REMEDIATION AND BACKFILLING ACTIONS COMPLETE. **REQUESTING CLOSURE TO INCIDENT. FINAL REPORT.**
SITE RANKING 10

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC D rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC D marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC D acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations

OIL CONSERVATION DIVISION

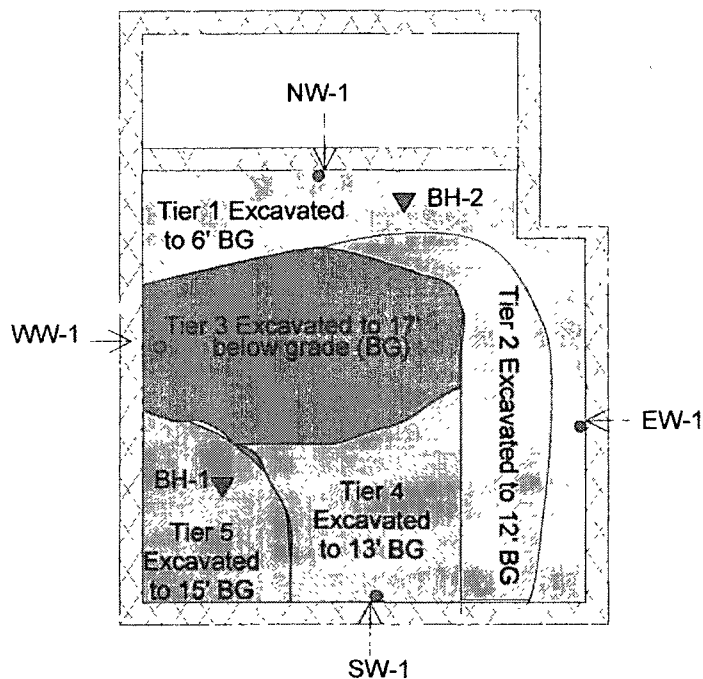
Signature 	Approved by District Supervisor 	
Printed Name Sherry Bonham	Approval Date 9.6.07	Expiration Date.
Title Environmental Regulatory Agent	Conditions of Approval.	Attached ☐
E-mail Address sherryb@ypcnm.com		
Date September 5, 2007	Phone 505.748.1471	



Sample ID	Sample Date	Sample Type	Depth	Chlorides	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)
NW-1 (North Side Wall)	4/23/2007	Grab	6' BG	228	Non-Detect	Non-Detect	15.1	15.1
WW-1 (West Side Wall)	4/23/2007	Grab	16' BG	16.8	Non-Detect	Non-Detect	Non-Detect	Non-Detect
SW-1 (South Side Wall)	4/23/2007	Grab	12' BG	12.1	Non-Detect	Non-Detect	Non-Detect	Non-Detect
EW-1 (East Side Wall)	4/23/2007	Grab	6' BG	41.7	Non-Detect	Non-Detect	Non-Detect	Non-Detect
BH-1 (Bottom Hole 1)	4/23/2007	Grab	6' BG	20.4	1.4543	305	1524	1830
BH-2 (Bottom Hole 2)	4/23/2007	Grab	15' BG	19.7	Non-Detect	13.4	150.6	164

Site Ranking is 1.0.

Analytical testing performed at Environmental Lab of Texas All results are ppm

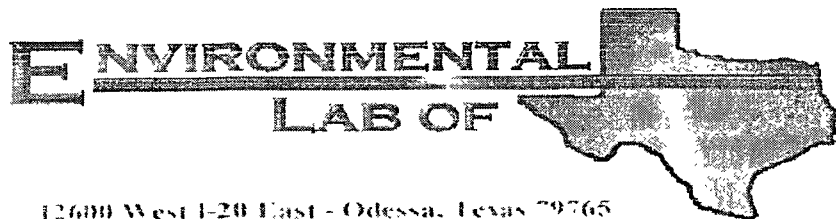


Merle State Unit 3

Sec. 14 T10S R34E

Lea County, NM

SAMPLE POINT DIAGRAM
SAMPLE DATE: APRIL 23, 2007
 (Not to Scale)



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Sherry Bonham

Yates Petroleum Corp.

105 S. Fourth St

Artesia, NM 88210

Project: Merel State Unit 3

Project Number: None Given

Location: Lea County New Mexico

Lab Order Number: 7D24008

Report Date: 05/01/07

Yates Petroleum Corp
105 S. Fourth St
Artesia N.M. 88210

Project: Merel State Unit 3
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NW - 1	7D24008-01	Soil	04/23/07 10:32	04-24-2007 14:34
WW - 1	7D24008-02	Soil	04/23/07 10:42	04-24-2007 14:34
SW - 1	7D24008-03	Soil	04/23/07 10:51	04-24-2007 14:34
EW - 1	7D24008-04	Soil	04/23/07 11:00	04-24-2007 14:34
BH - 1	7D24008-05	Soil	04/23/07 11:07	04-24-2007 14:34
BH - 2	7D24008-06	Soil	04/23/07 11:16	04-24-2007 14:34

Yates Petroleum Corp
105 S Fourth St
Artesia NM, 88210

Project Merle State Unit 3
Project Number None Given
Project Manager Sherry Bonham

Fax: (505) 748-4662

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW - 1 (7D24008-01) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED72516	04/25/07	04/25/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.4 %	75-125	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.0 %	75-125	"	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED72506	04/25/07	04/30/07	EPA 8015M	
Carbon Ranges C12-C28	15.1	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	15.1	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		79.8 %	70-130	"	"	"	"	"	
Surrogate: 1-Chlorooctadecane		97.6 %	70-130	"	"	"	"	"	
WW - 1 (7D24008-02) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED72516	04/25/07	04/25/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		108 %	75-125	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75-125	"	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED72506	04/25/07	04/30/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		85.4 %	70-130	"	"	"	"	"	
Surrogate: 1-Chlorooctadecane		99.2 %	70-130	"	"	"	"	"	
SW - 1 (7D24008-03) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED72516	04/25/07	04/25/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %	75-125	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	75-125	"	"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED72506	04/25/07	04/30/07	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety with written approval of Environmental Lab of Texas

Page 2 of 11

Yates Petroleum Corp
105 S. Fourth St
Artesia NM 88210

Project: Merle State Unit 3
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC
Environmental Lab of Texas

Analytic	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW - 1 (7D24008-03) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED72506	04/25/07	04/30/07	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		88.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		100 %	70-130		"	"	"	"	
EW - 1 (7D24008-04) Soil									
Benzene	ND	0.00200	mg/kg dry	2	ED72516	04/25/07	04/25/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		100 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	75-125		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED72507	04/25/07	05/01/07	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		73.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.2 %	70-130		"	"	"	"	
BII - 1 (7D24008-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED72516	04/25/07	04/25/07	EPA 8021B	
Toluene	0.0713	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.199	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.785	0.0250	"	"	"	"	"	"	
Xylene (o)	0.399	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		121 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	75-125		"	"	"	"	
Carbon Ranges C6-C12	305	10.0	mg/kg dry	1	ED72507	04/25/07	05/01/07	EPA 8015M	
Carbon Ranges C12-C28	1410	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	114	10.0	"	"	"	"	"	"	
Total Hydrocarbons	1830	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		99.6 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 3 of 11

Yates Petroleum Corp
105 S Fourth St
Arlisia NML 88210

Project Merel State Unit 3
Project Number None Given
Project Manager Sherry Bonham

Fax (505) 748-4662

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH - 2 (7D24008-06) Soil									
Benzene	ND	0.00200	mg/kg dry	2	BD72516	04/25/07	04/25/07	EPA 8021B	
Toluene	ND	0.00200	"	"	"	"	"	"	
Ethylbenzene	ND	0.00200	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00200	"	"	"	"	"	"	
Xylene (o)	ND	0.00200	"	"	"	"	"	"	
Surrogate 1,1,1-Trifluorobenzene		95.0 %	75-125		"	"	"	"	
Surrogate 4-Bromofluorobenzene		94.0 %	75-125		"	"	"	"	
Carbon Ranges C6-C12	13.4	10.0	mg/kg dry	1	BI072507	04/25/07	05/01/07	EPA 8015M	
Carbon Ranges C12-C28	132	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	18.6	10.0	"	"	"	"	"	"	
Total Hydrocarbons	164	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		72.2 %	70-130		"	"	"	"	
Surrogate 1-Chlorooctadecane		82.4 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 4 of 11

Yates Petroleum Corp
105 S Fourth St
Artesia NM, 88210

Project Merel State Unit 3
Project Number None Given
Project Manager Stearny Bonham

Fax: (505) 748-4662

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW - 1 (7D24008-01) Soil									
% Moisture	9.2	0.1	%	1	ED72602	04/25/07	04/25/07	% calculation	
WW - 1 (7D24008-02) Soil									
% Moisture	5.1	0.1	%	1	ED72602	04/25/07	04/25/07	% calculation	
SW - 1 (7D24008-03) Soil									
% Moisture	7.3	0.1	%	1	ED72602	04/25/07	04/25/07	% calculation	
EW - 1 (7D24008-04) Soil									
% Moisture	2.9	0.1	%	1	ED72602	04/25/07	04/25/07	% calculation	
BII - 1 (7D24008-05) Soil									
% Moisture	2.7	0.1	%	1	ED72602	04/25/07	04/25/07	% calculation	
BH - 2 (7D24008-06) Soil									
% Moisture	9.5	0.1	%	1	ED72602	04/25/07	04/25/07	% calculation	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas

Page 5 of 11

Yates Petroleum Corp
105 S. Fourth St
Arlington, NM, 88210

Project: Merle State Unit 3
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%RSD Limits	RPD	RPD Limit	Notes
Batch ED72506 - Solvent Extraction (GC)									
Blank (ED72506-BLK1)					Prepared: 04/25/07 Analyzed: 04/30/07				
Carbon Ranges C6-C12	ND	10.0	mg/kg wet						
Carbon Ranges C12-C28	ND	10.0	"						
Carbon Ranges C28-C35	ND	10.0	"						
Total Hydrocarbons	ND	10.0	"						
Surrogate: 1-Chlorooctane	59.8		mg/kg	50.0		79.6	70-130		
Surrogate: 1-Chlorooctadecane	46.7		"	50.0		93.4	70-130		
LCS (ED72506-BL1)					Prepared: 04/25/07 Analyzed: 04/30/07				
Carbon Ranges C6-C12	588	10.0	mg/kg wet	500		118	75-125		
Carbon Ranges C12-C28	452	10.0	"	500		90.4	75-125		
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125		
Total Hydrocarbons	1040	10.0	"	1000		104	75-125		
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.0	70-130		
Surrogate: 1-Chlorooctadecane	47.2		"	50.0		94.4	70-130		
Calibration Check (ED72506-CCV1)					Prepared: 04/25/07 Analyzed: 05/01/07				
Carbon Ranges C6-C12	209		mg/kg	250		83.6	80-120		
Carbon Ranges C12-C28	205		"	250		82.0	80-120		
Total Hydrocarbons	414		"	500		82.8	80-120		
Surrogate: 1-Chlorooctane	48.5		"	50.0		97.0	70-130		
Surrogate: 1-Chlorooctadecane	57.0		"	50.0		114	70-130		
Matrix Spike (ED72506-MS1)					Source: 7D24002-02 Prepared: 04/25/07 Analyzed: 04/30/07				
Carbon Ranges C6-C12	760	10.0	mg/kg dry	643	ND	118	75-125		
Carbon Ranges C12-C28	596	10.0	"	613	ND	92.7	75-125		
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		
Total Hydrocarbons	1360	10.0	"	1290	ND	105	75-125		
Surrogate: 1-Chlorooctane	43.0		mg/kg	50.0		86.0	70-130		
Surrogate: 1-Chlorooctadecane	45.0		"	50.0		90.0	70-130		

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 6 of 11

Yates Petroleum Corp
105 S Fourth St
Artesia NML 88210

Project Merle State Unit 3
Project Number None Given
Project Manager Sherry Bonham

Fax (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Unit	Units	Spike Level	Source Result	%REC	%RSD Level	RPD	KPD Limit	Notes
---------	--------	-------------------	-------	----------------	------------------	------	---------------	-----	--------------	-------

Batch ED72506 - Solvent Extraction (GC)

Matrix Spike Dup (ED72506 MSD1)		Source: 7D24002-02		Prepared: 04/25/07 Analyzed: 05/01/07						
Carbon Ranges C6-C12	755	10.0	mg/kg dry	643	ND	117	75-125	0.851	20	
Carbon Ranges C12-C28	586	10.0	"	643	ND	91.1	75-125	1.74	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1340	10.0	"	1290	ND	104	75-125	0.957	20	
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.6	70-130			
Surrogate: 1-Chlorooctadecane	45.4		"	50.0		90.8	70-130			

Batch ED72507 - Solvent Extraction (GC)

Blank (ED72507-BLK1)				Prepared: 04/25/07 Analyzed: 05/01/07						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.6	70-130			
Surrogate: 1-Chlorooctadecane	47.7		"	50.0		95.4	70-130			

LCS (ED72507-BS1)				Prepared: 04/25/07 Analyzed: 05/01/07						
Carbon Ranges C6-C12	600	10.0	mg/kg wet	500		120	75-125			
Carbon Ranges C12-C28	471	10.0	"	500		94.2	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1070	10.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	46.1		mg/kg	50.0		92.2	70-130			
Surrogate: 1-Chlorooctadecane	49.5		"	50.0		99.0	70-130			

Calibration Check (ED72507-CCV1)				Prepared: 04/25/07 Analyzed: 05/01/07						
Carbon Ranges C6-C12	211		mg/kg	250		84.4	80-120			
Carbon Ranges C12-C28	207		"	250		82.8	80-120			
Total Hydrocarbons	418		"	500		83.6	80-120			
Surrogate: 1-Chlorooctane	49.6		"	50.0		99.2	70-130			
Surrogate: 1-Chlorooctadecane	57.8		"	50.0		116	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas

Page 7 of 11

Yates Petroleum Corp
105 S Fourth St
Artesia NM, 88210

Project: Merel State Unit 3
Project Number: None Given
Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch ED72507 - Solvent Extraction (GC)

Matrix Spike (ED72507-MS1)		Source: 7D24008-04		Prepared 04/25/07		Analyzed 05/01/07				
Carbon Ranges C6-C12	636	10.0	mg/kg dry	515	ND	124	75-125			
Carbon Ranges C12-C28	538	10.0	"	515	ND	104	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	1170	10.0	"	1030	ND	114	75-125			
Surrogate: 1-Chlorooctane	64.0		mg/kg	50.0		128	70-130			
Surrogate: 1-Chlorooctadecane	58.0		"	50.0		116	70-130			

Matrix Spike Dup (ED72507-MSD1)		Source: 7D24008-04		Prepared 04/25/07		Analyzed 05/01/07				
Carbon Ranges C6-C12	641	10.0	mg/kg dry	515	ND	124	75-125	0.810	20	
Carbon Ranges C12-C28	529	10.0	"	515	ND	103	75-125	0.966	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1170	10.0	"	1030	ND	114	75-125	0.00	20	
Surrogate: 1-Chlorooctane	61.4		mg/kg	50.0		123	70-130			
Surrogate: 1-Chlorooctadecane	52.0		"	50.0		104	70-130			

Batch ED72516 - EPA 5030C (GC)

Blank (ED72516-BLK1)				Prepared & Analyzed 04/25/07						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: o,a,a-Trifluorotoluene	58.7		ug/kg	50.0		117	75-125			
Surrogate: 4-Bromofluorobenzene	57.5		"	50.0		115	75-125			

LCS (ED72516-BS1)				Prepared & Analyzed: 04/25/07						
Benzene	0.0547	0.00100	mg/kg wet	0.0500		109	80-120			
Toluene	0.0375	0.00100	"	0.0300		115	80-120			
Ethylbenzene	0.0600	0.00100	"	0.0500		120	80-120			
Xylene (p/m)	0.112	0.00100	"	0.100		112	80-120			
Xylene (o)	0.0595	0.00100	"	0.0500		119	80-120			
Surrogate: o,a,a-Trifluorotoluene	53.9		ug/kg	50.0		112	75-125			
Surrogate: 4-Bromofluorobenzene	59.8		"	50.0		120	75-125			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 8 of 11

Yates Petroleum Corp
105 S Fourth St.
Artesia NM, 88210

Project Merle State Unit 3
Project Number None Given
Project Manager Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control
Environmental Lab of Texas

Analytic	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
----------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch ED72516 - EPA 5030C (GC)

Calibration Check (ED72516-CCV1)

Prepared 04/25/07 Analyzed 04/26/07

Benzene	60.1		ug/kg	50.0		120	80-120			
Toluene	59.7		"	50.0		119	80-120			
Ethylbenzene	57.6		"	50.0		115	80-120			
Xylene (p/m)	112		"	100		112	80-120			
Xylene (o)	59.2		"	50.0		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	59.3		"	50.0		119	75-125			
Surrogate: 4-Bromofluorobenzene	57.7		"	50.0		115	75-125			

Matrix Spike (ED72516-MS1)

Source: 7D24002-01

Prepared 04/25/07 Analyzed: 04/26/07

Benzene	0.109	0.00200	ng/kg dry	0.107	ND	102	80-120			
Toluene	0.110	0.00200	"	0.107	ND	103	80-120			
Ethylbenzene	0.113	0.00200	"	0.107	ND	106	80-120			
Xylene (p/m)	0.206	0.00200	"	0.213	ND	96.7	80-120			
Xylene (o)	0.112	0.00200	"	0.107	ND	105	80-120			
Surrogate: a,a,a-Trifluorotoluene	50.1		ug/kg	50.0		100	75-125			
Surrogate: 4-Bromofluorobenzene	51.3		"	50.0		103	75-125			

Matrix Spike Dup (ED72516 MSD1)

Source: 7D24002-01

Prepared: 04/25/07 Analyzed: 04/26/07

Benzene	0.107	0.00200	ng/kg dry	0.107	ND	100	80-120	1.98	20	
Toluene	0.108	0.00200	"	0.107	ND	101	80-120	1.96	20	
Ethylbenzene	0.113	0.00200	"	0.107	ND	106	80-120	0.00	20	
Xylene (p/m)	0.205	0.00200	"	0.213	ND	96.2	80-120	0.518	20	
Xylene (o)	0.112	0.00200	"	0.107	ND	105	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	48.9		ug/kg	50.0		97.8	75-125			
Surrogate: 4-Bromofluorobenzene	51.7		"	50.0		103	75-125			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 9 of 11

Yates Petroleum Corp.	Project	Merel State Unit 3	Fax (505) 748-4662
105 S. Fourth St	Project Number	None Given	
Artesia NM, 88210	Project Manager	Sherry Bonham	

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch ED72602 - General Preparation (Prep)

Blank (ED72602-BLK1) Prepared & Analyzed 04/25/07

% Solids 99.7 %

Duplicate (ED72602-DUP1) Source: 7D24008-01 Prepared & Analyzed, 04/25/07

% Solids 91.2 % 90.8 6.440 20

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 10 of 11

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Yates Petroleum Corp.
105 S. Fourth St
Artesia NM. 88210

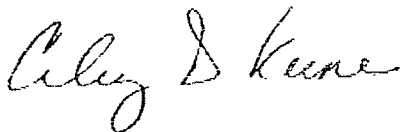
Project Merel State Unit 3
Project Number None Given
Project Manager Sherry Bonham

Fax (505) 748-4662

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 5/1/2007

Raland K. Tuttle, Lab Manager
Caley D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
La Tasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 11 of 11

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Project Name: MERLE UNIT #3
Project #: VATESP027SP1
Project Loc.: LEA COUNTY NEW MEXICO
PO #:
Report Format ☒ Standard ☐ STARS ☐ INDEX

LAB # (lab use only)		Beginning Depth		Ending Depth		Data Sample(s)		Time Sampled		Field Notes		Residuals & # of Containers		Matrix		Date		Time		Laboratory Comments	
FIELD CODE																					
1	NW					4/23/2007	10:32														
2	WW					4/23/2007	10:42														
3	SW					4/23/2007	10:51														
4	EW					4/23/2007	11:00														
5	BH					4/23/2007	11:07														
6	BH					4/23/2007	11:16														
Special Instructions:																					
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by		Date	Time	Received by	
[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]		4/24/07	10:34	[Signature]	
Received by		Date	Time																		

Environmental Lab of Texas

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: ELS TAYLOR
Company Name: TALON, INC.
Company Address: 216 E. TAYLOR
City/State/Zip: HOBBS NEW MEXICO 88240
Telephone No: 432-233-6388
Sampler Signature: [Signature]

Project Name: MEREL UNIT #3
Project #: YATESP027SPL
Project Loc: TAH COUNTY NEW MEXICO
PC #: _____
Report Format: ☒ Standard ☐ MEP ☐ NOTES

Fax No: _____
e-mail: _____

(lab use only)

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	# Containers	Total # of Containers	Temp	Time	Light	Shake	Seal	NO. S.O.	None	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y	Other Spec. N	Other Spec. Y
----------------------	------------	-----------------	--------------	--------------	--------------	--------------	-----------------------	------	------	-------	-------	------	----------	------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

Special Instructions:

Requested by <u>[Signature]</u>	Date <u>4/24/07</u>	Time <u>10:34</u>	Received by <u>[Signature]</u>	Date <u>4/24/07</u>	Time <u>10:34</u>
Requested by <u>[Signature]</u>	Date <u>4/24/07</u>	Time <u>10:34</u>	Received by <u>[Signature]</u>	Date <u>4/24/07</u>	Time <u>10:34</u>
Requested by <u>[Signature]</u>	Date <u>4/24/07</u>	Time <u>10:34</u>	Received by <u>[Signature]</u>	Date <u>4/24/07</u>	Time <u>10:34</u>

Laboratory Comments

Sample Containers Intact?	<u>[Signature]</u>	N
VOCs Free of Headspace?	<u>[Signature]</u>	N
Labels on container(s)	<u>[Signature]</u>	N
Custody seals on container(s)	<u>[Signature]</u>	N
Custody seals on cooler(s)	<u>[Signature]</u>	N
Sample Hand Delivered	<u>[Signature]</u>	N
by Sample Chain Keep	<u>[Signature]</u>	N
by Chain Keep	<u>[Signature]</u>	N
Temperature Upon Receipt	<u>[Signature]</u>	N

Variance/ Corrective Action Report- Sample Log-In

Client T. L. L. L. L.
Date/Time 4/11/11 2:11
Lab ID # 712-11-11
Initials TL

Client Initials

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

Contact	Contacted by:	Date/ Time
---------	---------------	------------

Regarding,

Corrective Action Taken

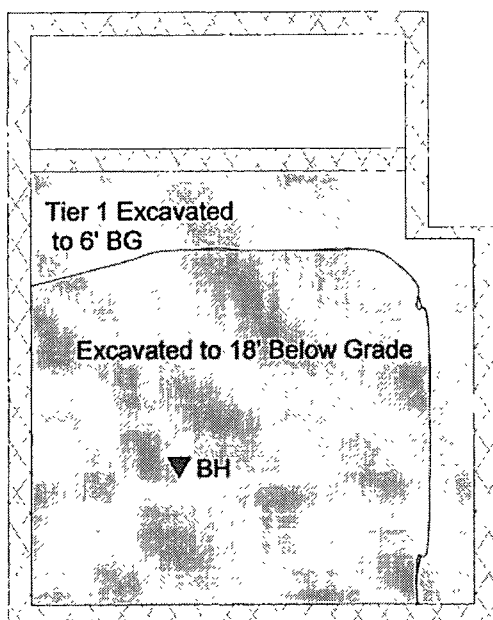
- Check all that Apply
- | | |
|--------------------------|--|
| ☐ | See attached e-mail/ fax |
| ☐ | Client understands and would like to proceed with analysis |
| ☐ | Cooling process had begun shortly after sampling event |



Sample ID	Sample Date	Sample Type	Depth	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)
BH (Bottom Hole)	7/10/2007	Grab	18' BG	Non-Detect	Non-Detect	Non-Detect	Non-Detect

Site Ranking is Ten (10).

Analytical testing performed at Environmental Lab of Texas All results are ppm



Merle State Unit 3

Sec. 14 T10S R34E

Lea County, NM

SAMPLE POINT DIAGRAM
SAMPLE DATE: July 10, 2007
(Not to Scale)

Analytical Report 285829

for

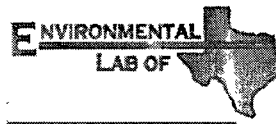
Talon LPE

Project Manager: Eb Taylor

Merle Unit #3

YatesP027SPL2

13-JUL-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

NELAC certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



13-JUL-07

Project Manager: **Eb Taylor**

Talon LPE

318 E. Taylor

Hobbs, NM 88240

Reference: XENCO Report No: **285829**

Merte Unit #3

Project Address: Lea County New Mexico

Eb Taylor:

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 285829. 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. 285829 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

Odessa Laboratory Director

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 - Latin America



Certificate of Analysis Summary 285829

Talon LPE, Hobbs, NM

Project Name: Merle Unit #3



Project Id: YatesP027SPL2

Contact: Eb Taylor

Project Location: Lea County New Mexico

Date Received in Lab: Thu Jul-12-07 10:18 am

Report Date: 13-JUL-07

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i> 285829-001 <i>Field Id:</i> BH <i>Depth:</i> <i>Matrix:</i> SOIL <i>Sampled:</i> Jul-10-07 11:55					
BTEX by EPA 8021B	<i>Extracted:</i> Jul-12-07 18:19 <i>Analyzed:</i> Jul-13-07 09:52 <i>Units/RL:</i> mg/kg RL					
Benzene	ND 0.0024					
Toluene	ND 0.0024					
Ethylbenzene	ND 0.0024					
m,p-Xylene	ND 0.0047					
o-Xylene	ND 0.0024					
Total Xylenes	ND					
Total BTEX	ND					
Percent Moisture	<i>Extracted:</i> <i>Analyzed:</i> Jul-12-07 17:25 <i>Units/RL:</i> % RL					
Percent Moisture	15.2					
TPH by SW 8015B	<i>Extracted:</i> Jul-12-07 12:24 <i>Analyzed:</i> Jul-12-07 23:59 <i>Units/RL:</i> mg/kg RL					
C6-C10 Gasoline Range Hydrocarbons	ND 11.8					
C10-C28 Diesel Range Hydrocarbons	ND 11.8					

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

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


Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL 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.

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 - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd., Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries



Project Name: Merle Unit #3

Work Order #: 285829

Project ID: YatesP027SPL2

Lab Batch #: 700251

Sample: 285829-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0397	0.0500	79	75-125	

Lab Batch #: 700251

Sample: 285829-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0424	0.0500	85	75-125	

Lab Batch #: 700251

Sample: 285829-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0408	0.0500	82	75-125	

Lab Batch #: 700251

Sample: 497154-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0435	0.0500	87	80-120	

Lab Batch #: 700251

Sample: 497154-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
4-Bromofluorobenzene	0.0444	0.0500	89	80-120	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries



Project Name: Merle Unit #3

Work Order #: 285829

Project ID: YatesP027SPL2

Lab Batch #: 700263

Sample: 285803-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW 8015B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	42.4	50.0	85	70-135	
1-Chlorooctane	70.0	50.0	140	70-135	*

Lab Batch #: 700263

Sample: 285803-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW 8015B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	48.0	50.0	96	70-135	
1-Chlorooctane	76.5	50.0	153	70-135	*

Lab Batch #: 700263

Sample: 285829-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW 8015B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	44.1	50.0	88	70-135	
1-Chlorooctane	39.8	50.0	80	70-135	

Lab Batch #: 700263

Sample: 497005-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW 8015B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	34.0	50.0	68	70-135	*
1-Chlorooctane	37.4	50.0	75	70-135	

Lab Batch #: 700263

Sample: 497005-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH by SW 8015B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	39.9	50.0	80	70-135	
1-Chlorooctane	36.6	50.0	73	70-135	

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Blank Spike Recovery



Project Name: Merle Unit #3

Work Order #: 285829

Project ID:

YatesP027SPL2

Lab Batch #: 700251

Sample: 497154-1-BKS

Matrix: Solid

Date Analyzed: 07/12/2007

Date Prepared: 07/12/2007

Analyst: CELKEE

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	ND	0.0500	0.0403	81	70-130	
Toluene	ND	0.0500	0.0422	84	70-130	
Ethylbenzene	ND	0.0500	0.0468	94	71-129	
m,p-Xylene	ND	0.1000	0.0840	84	70-135	
o-Xylene	ND	0.0500	0.0452	90	71-133	

Lab Batch #: 700263

Sample: 497005-1-BKS

Matrix: Solid

Date Analyzed: 07/12/2007

Date Prepared: 07/12/2007

Analyst: SHE

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

TPH by SW 8015B Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
C6-C10 Gasoline Range Hydrocarbons	ND	500	481	96	70-135	
C10-C28 Diesel Range Hydrocarbons	ND	500	387	77	70-135	

Blank Spike Recovery [D] = $100 \times [C]/[B]$

All results are based on MDL and validated for QC purposes



Form 3 - MS / MSD Recoveries



Project Name: Merle Unit #3

Work Order #: 285829

Project ID: YatesP027SPL2

Lab Batch ID: 700251

QC- Sample ID: 285829-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 07/13/2007

Date Prepared: 07/12/2007

Analyst: CELKEE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
BTEX by EPA 8021B	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
Benzene	ND	0.1179	0.0964	82	0.1179	0.0957	81	1	70-130	35	
Toluene	ND	0.1179	0.1005	85	0.1179	0.1008	85	0	70-130	35	
Ethylbenzene	ND	0.1179	0.1084	92	0.1179	0.1064	90	2	71-129	35	
m,p-Xylene	ND	0.2358	0.1946	83	0.2358	0.1891	80	4	70-135	35	
o-Xylene	ND	0.1179	0.1066	90	0.1179	0.1026	87	3	71-133	35	

Lab Batch ID: 700263

QC- Sample ID: 285803-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 07/13/2007

Date Prepared: 07/12/2007

Analyst: SHE

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
TPH by SW 8015B	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
C6-C10 Gasoline Range Hydrocarbons	776	552	1450	122	552	1470	126	3	70-135	35	
C10-C28 Diesel Range Hydrocarbons	766	552	1350	106	552	1470	128	19	70-135	35	

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$
Relative Percent Difference RPD = $200 \times (D-G)/(D+G)$

Matrix Spike Duplicate Percent Recovery [G] = $100 \times (F-A)/E$

ND = Not Detected, I = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable, = See Narrative, EQL = Estimated Quantitation Limit



Sample Duplicate Recovery



Project Name: Merle Unit #3

Work Order #: 285829

Lab Batch #: 700244

Date Analyzed: 07/12/2007

QC- Sample ID: 285822-010 D

Reporting Units: %

Date Prepared: 07/12/2007

Batch #: 1

Project ID: YatesP027SPL2

Analyst: JLG

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	9.91	10.2	3	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West 1-20 East Phone 432-563-1800
Odessa, Texas 79765 Fax 432-563-1713

Project Manager: ED TAYLOR Project Name: MERLE UNIT #3
Company Name: TAYLOR Company Project #: YATESP07SPL2
Company Address: 318 E TAYLOR Project Loc.: LEA COUNTY NEW MEXICO
City/State/Zip: HOBBS, NM NEW MEXICO 88240 PO #:
Telephone No: 432-238-6188 Fax No: Report Format: ☒ Standard ☐ TRAP ☐ NPDES
Sampler Signature: [Signature] E-mail: [Redacted]

[illegible]

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

Client: Talco
Date/ Time: 7/12/07 10:18
Lab ID #: 285829
Initials: AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>33</u> °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELOT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subtract of sample(s)?	<u>Yes</u>	No	Not Applicable
#20	VGC samples have zero headspace?	<u>Yes</u>	No	Not Applicable

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that Apply
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event