



CLOSURE REPORT

HUNT APO 1

4 T21S R34E LEA COUNTY, NEW MEXICO

January 23, 2007

Mcident-nPACO7 13148137 Opplication-PPACO7 RP#1187

MARTIN YATES, III 1912-1985

FRANK W. YATES 1936-1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

S.P. YATES CHAIRMAN EMERITUS

JOHN A. YATES CHAIRMAN OF THE BOARD

PEYTON YATES PRESIDENT

FRANK YATES, JR. EXECUTIVE VICE PRESIDENT

JOHN A. YATES, JR. SENIOR VICE PRESIDENT

Ms. Pat Caperton NMOCD - District 1 1625 N French Drive Hobbs, NM 88240

January 23, 2007

RE: Hunt APO 1

> Unit L. Sec. 4, T21S, R34E Lea County, New Mexico



Dear Pat,

Yates Petroleum Corporation would like to submit for your consideration the enclosed closure report for the above captioned well. The closure report is being submitted to comply with section VII termination of Remedial Action of the New Mexico Oil and gas Conservation Division (OCD) Guidelines for Remediation of Leaks, Spills and Releases.

Yates has complied with the closure criteria and based on the analytical report, respectfully requests that no further action is required and requests NMOCD to grant final closure.

Should you have any questions, please don't hesitate to contact me. Thank you.

Sincerely,

Sherry Bonham

Environmental Regulatory Agent

INTRODUCTION

This closure report for the Hunt APO 1 has been developed to comply with Section VII Termination of Remedial Action of the New Mexico Oil and Gas Conservation Division (OCD).

BACKGROUND

Yates Petroleum Corporation (Yates) is the operator of the Hunt APO 1 (API 30-025-27135) site. The initial release was the result of a water pump failure. Yates submitted Initial Report Form C-141 on May 16, 2006. A copy of the Initial Report C-141 is included as Attachment A.

RECOMMENDED REMEDIAL ACTION LEVELS

Based on Section IV of the Guidelines, the Ranking Criteria for this site is as follows:

•	Depth to ground water >100'	0
•	Not in well head protection area	0
•	Distance to surface water body >1000'	<u>0</u>
	TOTAL RANKING SCORE	0

For sites with a Total Ranking Score of 0, the Recommended Remedial Action Levels (RRALs) are:

•	Benzene (ppm)	10
•	BTEX (ppm)	50
•	TPH (ppm)	5000

HISTORY

Affected soils were contained within the bermed area. A vacuum truck and crew were called in to recover standing fluids. Approximately 2 barrels of fluids were recovered. On September 14, 2006, Sherry Bonham of Yates Petroleum Corporation went to the Hunt APO 1 for the purpose of obtaining confirmation samples. NMOCD – District 1 was given the requested 48 hour notification and the opportunity to witness sampling event. Samples were obtained using a hand auger. The hand auger was cleaned with Alconox® using a hand scrub brush, rinsed with de-ionized water, and allowed to air dry before beginning each boring. The soil samples were collected directly from the hand auger bucket, placed into

clean, sample jars provided by the analytical laboratory, and placed on ice. Samples were delivered to Environmental Lab of Texas who performed the chemical analyses. The samples were analyzed for Chlorides, TPH by EPA Method 8015B and BTEX by EPA Method 8021B. After reporting sample results to Mr. Larry Johnson NMOCD-District 1 via phone call on October 10, 2006, Mr. Johnson requested additional sampling. The additional sampling was conducted by Mr. Eb Taylor of Talon LPE on October 30, 2006. Mr. Taylor could auger only to a depth of two feet. At that point, refusal was encountered. This refusal was due to encountering a layer of rock. A copy of the laboratory report as well as the sample point diagram is included as Attachment B.

CLOSURE REQUEST

Given the site ranking as zero, the soil analyses information for TPH and BTEX do not exceed this criteria. Chloride results are submitted for information purposes. Yates Petroleum Corporation respectfully requests this site be closed and no further actions taken. Included is a Final Report C-141 requesting closure.

Respectfully,

Sherry Bonham

Environmental Regulatory Agent

Attachment A

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 Contact Sherry Bonham Address 105 S 4th Telephone No. 505.748.1471 Facility Name Hunt APO State 1 Facility Type Tank Battery 30 025 27135 Surface Owner State Mineral Owner State Lease No. LOCATION OF RELEASE

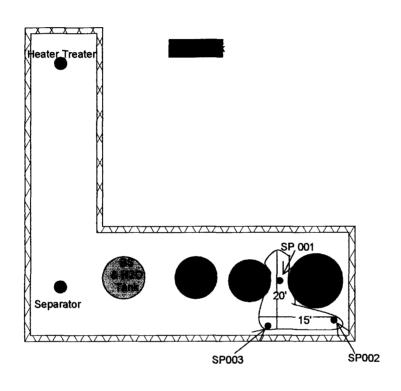
Feet from the North/South Line | Feet from the | Fact/West Line | County

L							660	WEST	LEA				
			Latitude	32.50675	Lo	ngitude	103.48073	<u> </u>					
I						OF REL							
Type of Rele	oce Produc	ad Water		NAI	UKE		Release 15 BBL	P/W Volume	Recovered 2 BBL P/W				
		er Pump Fail	lure				Hour of Occurrence	Hour of Discovery					
Double of the	roaso viare					5/2/06 PM		5/2/06	- 1				
Was Immedi	ate Notice (Given?				If YES, To							
	•		Yes [No Not R	equired	ed N/A							
By Whom?	N/A					Date and I	Hour N/A						
Was a Water	course Read	ched?		_		If YES, V	olume Impacting t	he Watercourse.					
•] Yes 🛚] No									
If a Waterco	urse was Im	pacted, Desc	ribe Fully.	*		L							
		. ,	,										
1													
Dil-C	CD1-1	em and Reme	- 1:-1 A -4:-	- T-1 #									
1 1					through	nina causin	σ a hole in nine	Dumner shut in	well and shut down equipment.				
		w called in.			unougn	pipe causin	g a noie in pipe.	t amper snat m	wen and shut down equipment.				
1	a v												
		and Cleanup											
		n produced v ssess site for			ximately	/ 20' X 15' ł	oermed area. Va	cuum truck and	crew called in to vacuum				
Site Rankin	g: <u>10</u>								·				
I hereby cert	ify that the	information o	viven abov	a is true and some	alata ta ti	a hast of m	v knowlodgo and v	andonatond that no	rsuant to NMOCD rules and				
regulations a	Il operators	are required	to renort a	nd/or file certain	picie io ii release n	ne best of my	y knowledge and t	mucrsianu mai pi ctive actions for r	eleases which may endanger				
public health	or the envi	ronment. Th	e acceptan	ce of a C-141 rep	ort by the	e NMOCD r	narked as "Final R	eport" does not r	elieve the operator of liability				
should their	operations l	nave failed to	adequately	investigate and	remediat	e contaminat	tion that pose a thi	eat to ground wa	er, surface water, human health				
or the enviro	nment. In	addition, NM	OCD accep	otance of a C-141	report d	oes not relie	ve the operator of	responsibility for	compliance with any other				
federal, state	, or local la	ws and/or reg	gulations.		<u> </u>								
			1		-		OIL CON	SERVATIO1	<u>N DIVISION</u>				
Signature:	Skeres	Loule	nu)										
l						Approved by	y District Supervis	sor:					
Printed Nam	e: Sherry	Bonham											
Title: Envir	onmental]	Regulatory A	gent Trai	nee		Approval Da	ate:	Expiratio	n Date:				
E-mail Addı	ess: sherry	b@ypcnm.co	m			Conditions of	of Approval:	Attached					
Date: 5/16/				Phone: 505.748	.1471				Attached []				
* Attach Add	itional She	ets If Neces	carv						——————————————————————————————————————				

Attachment B



Sample Point	Date	GPS
Hunt001 Hunt002 Hunt003 Background	9/14/06 9/14/06 9/14/06 9/14/06	N32.50635 W103.48174 N32.50632 W103.48177 N32.50634 W103.48180 N32.50676 W103.48228
SP1 SP2 SP3	10/30/06 10/30/06 10/30/06	



HIGHWAY 176



Hunt APO State 1

Sec. 4 T21S R34E

Lea County, NM

SPILL SITE DIAGRAM RELEASE DATE: MAY 2, 2006

(Not to Scale)

New Mexico Office of the State Engineer Sount APO State 1

POD Reports and Downloads

Range: 34E Township: 21S Sections:

Search Radius: NAD27 X: Y: Zone:

County: Basin: Number: Suffix:

Owner Name: (First) Non-Domestic Domestic (Last)

All

Avg Depth to Water Report POD / Surface Data Report

Water Column Report

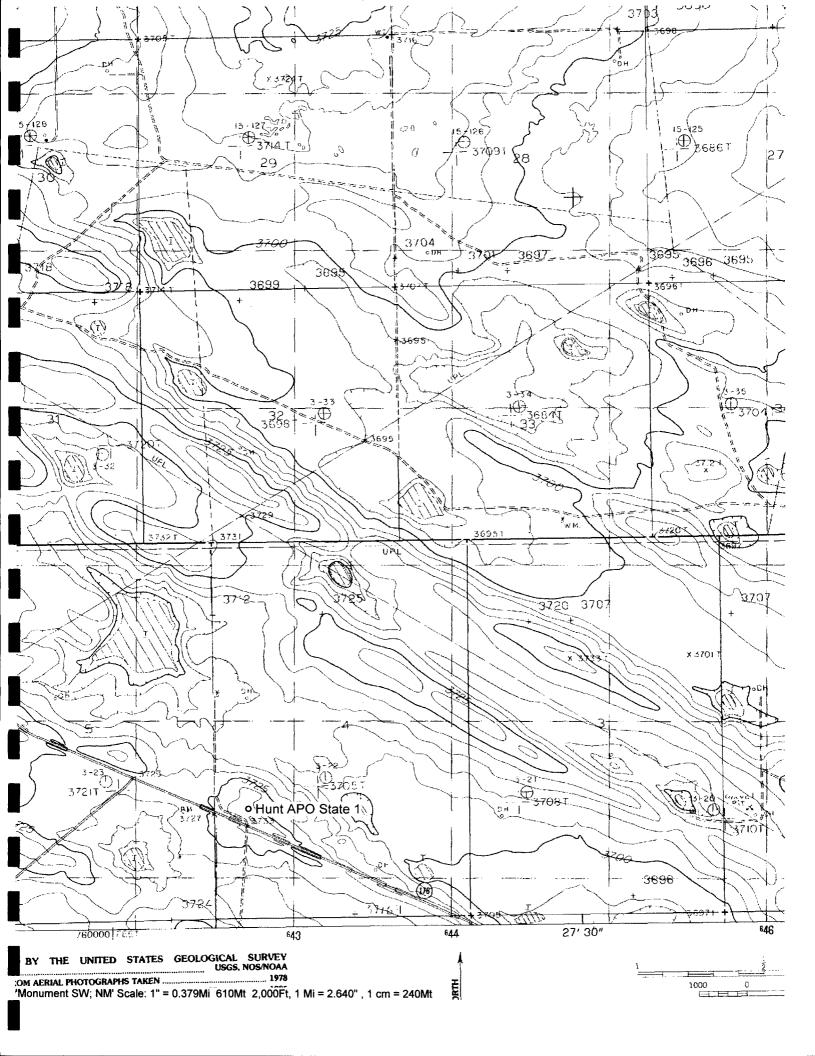
Clear Form iWATERS Menu Help

AVERAGE DEPTH OF WATER REPORT 01/08/2007

(Depth Water in Feet)

Bsn	Tws	Rng Se	c Zone	x	Y	Wells	Min	Max	Avg
CP	21S	34E 06				1	112	112	112
CP	21S	34E 21				2	110	128	119

Record Count: 3





Analytical Report

Prepared for:

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

Project: Hunt APO State 1
Project Number: L-4-T21S-R34E
Location: Lea County, NM

Lab Order Number: 6I15003

Report Date: 09/21/06

Project: Hunt APO State 1

Project Number: L-4-T21S-R34E Project Manager: Sherry Bonham Fax: (505) 748-4662

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Hunt001 10"	6I15003-01	Soil	09/14/06 11:20	09-15-2006 09:45
Hunt002 10"	6115003-02	Soil	09/14/06 11:45	09-15-2006 09:45
Hunt003 11"	6I15003-03	Soil	09/14/06 12:00	09-15-2006 09:45
HuntBG004 8"	6I15003-04	Soil	09/14/06 12:30	09-15-2006 09:45

Project: Hunt APO State 1 Project Number: L-4-T21S-R34E

Project Manager: Sherry Bonham

Organics by GC **Environmental Lab of Texas**

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hunt001 10" (6I15003-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI61509	09/15/06	09/18/06	EPA 8021B	
Toluene	ND	0.0250	M	"	Ħ	•	п	и	
Ethylbenzene	ND	0.0250	"	u	*	#		r	
Xylene (p/m)	ND	0.0250	,	n	n	*	tt	n	
Xylene (o)	ND	0.0250		"	n	n	n	*	
Surrogate: a,a,a-Trifluorotoluene		95.5 %	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.8 %	80-1	20	"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	E161506	09/15/06	09/16/06	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	77	**	н	"	n	H	
Total Carbon Range C6-C28	ND	10.0	"		n	"		и	
Surrogate: 1-Chlorooctane		99.2 %	70-1	30	"	"	"	n	
Surrogate: 1-Chlorooctadecane		94.0 %	70-1	30	"	"	"	"	
Hunt002 10" (6I15003-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI61509	09/15/06	09/15/06	EPA 8021B	
Toluene	ND	0.0250	U			"	"	n	
Ethylbenzene	ND	0.0250	"	n	11	m	"	*	
Xylene (p/m)	ND	0.0250	"	,	n	,	0	n	
Xylene (o)	ND	0.0250	n	n	*	•	"	н	
Surrogate: a,a,a-Trifluorotoluene		86.5 %	80-1	20	"		"	п	
Surrogate: 4-Bromofluorobenzene		83.2 %	80-1	20	"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EI61506	09/15/06	09/16/06	EPA 8015B	
Carbon Ranges >C10-C28	J [6.52]	10.0	*	,,	*	#	"	*	;
Total Carbon Range C6-C28	ND	10.0	"	*	n	n	n		
Surrogate: 1-Chlorooctane	,	98.8 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.6 %	70-1	30	"	"	"	"	
Hunt003 11" (6I15003-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI61509	09/15/06	09/15/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	н	n	н	
Ethylbenzene	0.0401	0.0250	•	,	"	n	,	и	
Xylene (p/m)	0.0477	0.0250	"	"	n		,		
Xylene (o)	J [0.0189]	0.0250	n	n	*	n	n	"	:
Surrogate: a,a,a-Trifluorotoluene		85.0 %	80-1	20	,,	,,	"	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Surrogate: 4-Bromofluorobenzene		82.2 %	80-1	20	"	"	"	"	
Carbon Ranges C6-C10	J [8.59]		mg/kg dry	1	EI61506	09/15/06	09/16/06	EPA 8015B	J
Carbon Ranges >C10-C28	1170	10.0	*	n		n	N	n	
Total Carbon Range C6-C28	1170	10.0	п		n	,	n	n	

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.

Fax: (505) 748-4662

Project: Hunt APO State 1
Project Number: L-4-T21S-R34E

Project Manager: Sherry Bonham

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hunt003 11" (6115003-03) Soil	· · · · · · · · · · · · · · · · · · ·			Dilution	Dateit	Trepared	Allalyzeu	iviculou	110005
Surrogate: 1-Chlorooctane		102 %	70-1	130	EI61506	09/15/06	09/16/06	EPA 8015B	
Surrogate: 1-Chlorooctadecane		120 %	70-1	130	"	"	"	"	
HuntBG004 8" (6115003-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI61509	09/15/06	09/15/06	EPA 8021B	
Toluene	ND	0.0250		п	n	n	н	19	
Ethylbenzene	ND	0.0250	n	#	"	"	#	н	
Xylene (p/m)	ND	0.0250	**	"	"	*	U	н	
Xylene (o)	ND	0.0250	"	"	н	n	21	n	
Surrogate: a,a,a-Trifluorotoluene		83.2 %	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.2 %	80-1	20	"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EI61506	09/15/06	09/16/06	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	n	#	*	99	*	"	
Total Carbon Range C6-C28	ND	10.0	"	rr rr	n	"	и	n	
Surrogate: 1-Chlorooctane		100 %	70-1	30	"	"	,,	"	•
Surrogate: 1-Chlorooctadecane		100 %	70-1	30	"	"	"	"	

Fax: (505) 748-4662

Project: Hunt APO State 1

Project Number: L-4-T21S-R34E Project Manager: Sherry 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
Hunt001 10" (6I15003-01) Soil									
% Moisture	12.0	0.1	%	1	EI61808	09/15/06	09/18/06	% calculation	
Hunt002 10" (6I15003-02) Soil									
% Moisture	12.2	0.1	%	1	EI61808	09/15/06	09/18/06	% calculation	
Hunt003 11" (6115003-03) Soil									
% Moisture	14.2	0.1	%	1	E161808	09/15/06	09/18/06	% calculation	
HuntBG004 8" (6I15003-04) Soil									
% Moisture	9.3	0.1	%	1	EI61808	09/15/06	09/18/06	% calculation	

Project: Hunt APO State 1
Project Number: L-4-T21S-R34E

Project Manager: Sherry Bonham

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EI61506 - Solvent Extraction (GC)										
Blank (EI61506-BLK1)				Prepared: (09/15/06 A	nalyzed: 09	/16/06			
Carbon Ranges C6-C10	ND	10.0	mg/kg wet							
Carbon Ranges >C10-C28	ND	10.0	n							
Total Carbon Range C6-C28	ND	10.0								
Surrogate: 1-Chlorooctane	51,1		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	49.2		"	50.0		98.4	70-130			
LCS (EI61506-BS1)				Prepared: (09/15/06 A	nalyzed: 09	/16/06			
Carbon Ranges C6-C10	570	10.0	mg/kg wet	500		114	75-125			
Carbon Ranges >C10-C28	428	10.0	"	500		85.6	75-125			
Total Carbon Range C6-C28	998	10.0	н	1000		99.8	75-125			
Surrogate: 1-Chlorooctane	58.2		mg/kg	50.0		116	70-130			
Surrogate: 1-Chlorooctadecane	48.4		"	50.0		96.8	70-130			
Calibration Check (EI61506-CCV1)				Prepared: (09/15/06 Aı	nalyzed: 09	/16/06			
Carbon Ranges C6-C10	216		mg/kg	250		86.4	80-120			
Carbon Ranges >C10-C28	295		n	250		118	80-120			
Total Carbon Range C6-C28	511		"	500		102	80-120			
Surrogate: 1-Chlorooctane	59.3		"	50.0		119	70-130			
Surrogate: 1-Chlorooctadecane	55.1		"	50.0		110	70-130			
Matrix Spike (EI61506-MS1)	Sou	rce: 6115001	-01	Prepared: (09/15/06 Aı	nalyzed: 09	/16/06			
Carbon Ranges C6-C10	589	10.0	mg/kg dry	528	ND	112	75-125			
Carbon Ranges >C10-C28	427	10.0	"	528	ND	80.9	75-125			
Total Carbon Range C6-C28	1020	10.0	v	1060	ND	96.2	75-125			
Surrogale: 1-Chlorooctane	61.2		mg/kg	50.0	-,	122	70-130			
Surrogate: 1-Chlorooctadecane	52.7		"	50.0		105	70-130			
Matrix Spike Dup (EI61506-MSD1)	Sou	rce: 6I15001-	-01	Prepared: (09/15/06 Aı	nalyzed: 09				
Carbon Ranges C6-C10	609	10.0	mg/kg dry	528	ND	115	75-125	3.34	20	

452

1060

61.8

54.0

10.0

10.0

mg/kg

Carbon Ranges >C10-C28

Total Carbon Range C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

ND

ND

1060

50.0

50.0

85.6

100

124

108

75-125

75-125

70-130

70-130

5.69

3.85

20

20

Fax: (505) 748-4662

Yates Petroleum Corp.

105 S. Fourth St. Artesia NM, 88210 Project: Hunt APO State 1

Project Number: L-4-T21S-R34E

Project Manager: Sherry Bonham

Fax: (505) 748-4662

Organics by GC - Quality Control Environmental Lab of Texas

	an	Reporting	77 '-	Spike	Source	0/7277	%REC	Dec	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EI61509 - EPA 5030C (GC)										
Blank (EI61 50 9-BLK1)				Prepared &	Ł Analyzed:	: 09/15/06				
Benzene	ND	0.0250	mg/kg wet				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Toluene	ND	0.0250	*							
Ethylbenzene	ND	0.0250	*							
Xylene (p/m)	ND	0.0250	"							
Xylene (υ)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	36.8		ug/kg	40.0	~	92.0	80-120			
Surrogate: 4-Bromofluorobenzene	32.7		"	40.0		81.8	80-120			
LCS (EI61509-BS1)				Prepared &	Analyzed:	09/15/06				
Benzene	1.36	0.0250	mg/kg wet	1.25		109	80-120			
Toluene	1.15	0.0250	**	1.25		92.0	80-120			
Ethylbenzene	1.21	0.0250	n	1.25		96.8	80-120			
Xylene (p/m)	2.48	0.0250	"	2.50		99.2	80-120			
Xylene (o)	1.20	0.0250	"	1.25		96.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	34.8		ug/kg	40.0		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	37.0		"	40.0		92.5	80-120			
Calibration Check (EI61509-CCV1)				Prepared: (09/15/06 A	nalyzed: 09	/18/06			
Benzene	52.3		ug/kg	50.0		105	80-120		_	
Toluene	46.8		*	50.0		93.6	80-120			
Ethylbenzene	45.0		*	50.0		90.0	80-120			
Xylene (p/m)	93.1		n	100		93.1	80-120			
Xylene (o)	45.8		H	50.0		91.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.5		"	40.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	33.8		"	40.0		84.5	80-120			
Matrix Spike (EI61509-MS1)	Sou	rce: 6I15001-	-01	Prepared: (09/15/06 A	nalyzed: 09	/18/06			
Benzene	1.43	0.0250	mg/kg dry	1.32	ND	108	80-120			
Toluene	1.22	0.0250	n	1.32	ND	92.4	80-120			
Ethylhenzene	1.26	0.0250		1.32	ND	95.5	80-120			
Xylene (p/m)	2.58	0.0250	**	2.64	ND	97.7	80-120			
			_							

1.22

38.7

36.4

0.0250

ug/kg

1.32

40.0

40.0

ND

92.4

96.8

91.0

80-120

80-120

80-120

Xylene (o)

Surrogate: a,a,a-Trifluorotoluene

Surrogate: 4-Bromofluorobenzene

Yates Petroleum Corp.

Project: Hunt APO State 1

105 S. Fourth St.

Project Number: L-4-T21S-R34E

Fax: (505) 748-4662

Artesia NM, 88210

Project Manager: Sherry Bonham

Organics by GC - Quality Control Environmental Lab of Texas

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

Batch EI61509 - EPA 5030C (GC)

Matrix Spike Dup (EI61509-MSD1)	Sour	ce: 6I15001	-01	Prepared: (9/15/06	Analyzed: 05	9/18/06		
Benzene	1.46	0.0250	mg/kg dry	1.32	ND	111	80-120	2.74	20
Toluene	1.24	0.0250	n	1.32	ND	93.9	80-120	1.61	20
Ethylbenzene	1.27	0.0250	"	1.32	ND	96.2	80-120	0.730	20
Xylene (p/m)	2.64	0.0250	"	2.64	ND	100	80-120	2.33	20
Xylene (o)	1.25	0.0250		1.32	ND	94.7	80-120	2.46	20
Surrogate: a,a,a-Trifluorotoluene	39.8		ug/kg	40.0		99.5	80-120		
Surrogate: 4-Bromofluorobenzene	38.3		#	40.0		95.8	80-120		

Yates Petroleum Corp. 105 S. Fourth St. Project: Hunt APO State 1

Fax: (505) 748-4662

Artesia NM, 88210

Project Number: L-4-T21S-R34E Project Manager: Sherry Bonham

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

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

Batch EI61808 - General Preparation (Prep)

Blank (EI61808-BLK1)			Prepared & Analyzed: 09/18/06		·	
% Solids	99.8	%				
Duplicate (EI61808-DUP1)	Source: 6I	15001-01	Prepared & Analyzed: 09/18/06			
% Solids	94.4	%	94.7	0.317	20	

Yates Petroleum Corp.Project:Hunt APO State 1Fax: (505) 748-4662105 S. Fourth St.Project Number:L-4-T21S-R34EArtesia NM, 88210Project Manager:Sherry Bonham

Notes and Definitions

DET Analyte DETECTED

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

	Raland K July		
Report Approved By:	Rocaric	Date:	9/21/2006

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

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

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Dup

Duplicate

Environmental Lab of Texas

12600 West I-20 East Odessa, Texas 79765

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Phone: 432-563-1800 Fax: 432-563-1713

Pany Name Yeles Petroleum Corporation pany Address: 105 S 4lm Street State/Zip: Artesia MM 88210 phier Signature: 505-748-41820S 505-513-1529 Phier Signature: 505-748-41820S 505-513-1529 Phier Signature: 505-748-41820S 505-513-1529 Phier Signature: 505-748-41820S 505-748 Huntool Huntbease purities: Please analyze TPH 80158 (GRC/DRO)-Not TPH 6015M. Please purities: Please analyze TPH 80158 (GRC/DRO)-Not TPH 6015M. Please purities: Please analyze TPH 80158 (GRC/DRO)-Not TPH 6015M. Please purities: Please analyze TPH 80158 (GRC/DRO)-Not TPH 6015M. Please purities:	Project Name: Hunt APO State 1	Project #, L.4-T21S-R34E	Project Loc: Lea County	PO #: 1032420	Report Format: Standard TRRP NPDES		Analyze For:		Matrix % 30	Hone Other (Specify) O	×	×	×	×			on different report. Laboratory Comments: Sample Containers filact? VOCs Free of Headspace?	(S)	Date Time by Samble/Clent Rep.? Y (17) Date by Counter? UPS DHL (FedEx) Lone Star	Date
pany Name pany Address: Stats/Zip: phone No: pler Signature: Hu Hu Huutins:					Fax No: 505-748-4585	e-mail: sherryb@ypcrm.com	3		ليا	No. of Containers 40.2 P	11.20 AM 1	11:45 AM 1	12:00 PM 1	12:30 PM 1			TPH EC15M. Please put chloride results) OT \$
pany Name pany Address: Stats/Zip: phone No: pler Signature: Hu Hu Hu Hunt						,					L	<u>,</u>	1				(GRC/DRO)-Not T			1
pany Name pany Address: Stats/Zip: phone No: pler Signature: Hu Hu Hu Hunt	arn	sum Sorporation	teat	88210	2 OR 505-513-1529	as hour	The Market			flygaO gninnigaB							llyze TPH 8015B (Tiefo T
ORD LAS (And use only) Pecial in the ry & Garage only) Pecial in the ry & Garage only)			Company Address: 105 S 4th Stre			Sampler Signature:		(King early)	R# (2/2002	ELD CODE	Hunt001	- Hunt002	Hunt003	HuntBG004			Special Instructions: Please anal	Relinquished by:	Rei nguished by:	

Environmental Lab of Texas

Variance Corrective Action Re		3	
ent: VUIOD (C).			
te/ Time: 9[500 9:45			
OID#: <u>(eT(50</u>			
tials:			
Sample Receipt	Checklist		
Temperature of container/ cooler?	Yes	No	Client Initials
Shipping container in good condition?	Xes	No	10000
Custody Seals intact on shipping container/ cooler?	(Fes	No	Not December
Custody Seals intact on sample bottles/ container?		No	Not Present
Chain of Custody present?	(Fes)		Not Present
Sample instructions complete of Chain of Custody?	(100) (100)	No No	
Chain of Custody signed when relinquished/ received?			+
Chain of Custody agrees with sample label(s)?	Xes Xes	No	100
Container label(s) legible and intact?	(es	No No	ID written on Cont./ Lid
O Sample matrix/ properties agree with Chain of Custody?	Les	No	Not Applicable
1 Containers supplied by ELOT?	(A)	No	
2 Samples in proper container/ bottle?		No	
3 Samples properly preserved?	X 85 X 65)	No	See Below
			See Below
5 Preservations documented on Chain of Custody?	Tes	No	
G Containers documented on Chain of Custody?	(es	No	
7 Sufficient sample amount for indicated test(s)?	LES .	No	
8 All samples received within sufficient hold time?		No	See Below
		No	See Below
9 VOC samples have zero headspace?	Yes	No	Not Applicable
ntact: Contacted by:	mentation		Date/ Time:
orrective Action Taken:			
heck all that Apply: See attached e-mail/ fax Client understands and would Cooling process had begun s	d like to proc	eed with	analysis

Cooling process had begun shortly after sampling event



Analytical Report

Prepared for:

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

Project: Hunt APO State 1
Project Number: L-4-T21S-R34E
Location: Lea County, NM

Lab Order Number: 6I15003

Report Date: 09/21/06

Yates Petroleum Corp. 105 S. Fourth St.

Artesia NM, 88210

Project: Hunt APO State 1

Project Number: L-4-T21S-R34E Project Manager: Sherry Bonham Fax: (505) 748-4662

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Hunt001 10"	6115003-01	Soil	09/14/06 11:20	09-15-2006 09:45
Hunt002 10"	6115003-02	Soil	09/14/06 11:45	09-15-2006 09:45
IIunt003 11"	6I15003-03	Soil	09/14/06 12:00	09-15-2006 09:45
HuntBG004 8"	6I15003-04	Soil	09/14/06 12:30	09-15-2006 09:45

Project: Hunt APO State 1

Project Number: L-4-T21S-R34E Project Manager: Sherry Bonham Fax: (505) 748-4662

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

Analyte	Result	Reporting Limit Units	Dilution	Batch	Prepared	Analy zed	Method	Notes
Hunt001 10" (6I15003-01) Soil								
Chloride	766	20.0 mg/kg We	et 2	EI61817	09/18/06	09/18/06	SW 846 9253	
Hunt002 10" (6I15003-02) Soil								
Chloride	277	20.0 mg/kg We	et 2	EI61817	09/18/06	09/18/06	SW 846 9253	
Hunt003 11" (6H5003-03) Soil								
Chloride	596	20.0 mg/kg We	t 2	EI61817	09/18/06	09/18/06	SW 846 9253	
HuntBG004 8" (6I15003-04) Soil								
Chloride	ND	20.0 mg/kg Wo	t 2	EI61817	09/18/06	09/18/06	SW 846 9253	

Yates Petroleum Corp. 105 S. Fourth St. Project: Hunt APO State 1

Fax: (505) 748-4662

Artesia NM, 88210

Project Number: L-4-T21S-R34E Project Manager: Sherry Bonham

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

	.	Reporting	•• •	Spike	Source	4/550	%REC	222	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EI61817 - Water Extraction										
Blank (EI61817-BLK1)				Prepared &	Analyzed:	09/18/06				
Chloride	ND	5.00	mg/kg Wet			-				
LCS (EI61817-BS1)				Prepared &	Analyzed:	09/18/06				
Chloride	90.4		mg/kg	100		90.4	80-120			
Matrix Spike (EI61817-MS1)	Sou	rce: 6115001-	-01	Prepared &	Analyzed:	09/18/06				
Chloride	510	10.0	mg/kg Wet	500	10.6	99.9	80-120			
Matrix Spike Dup (EI61817-MSD1)	Sou	rce: 6I15001-	-01	Prepared &	Analyzed:	09/18/06				
Chloride	500	10.0	mg/kg Wet	500	10.6	97.9	80-120	1.98	20	************
Reference (EI61817-SRM1)				Prepared &	Analyzed:	09/18/06				
Chloride	50.0	5.00	mg/kg Wet	50.0		100	80-120			

Yates Petroleum Corp. 105 S. Fourth St.

Artesia NM, 88210

Project: Hunt APO State 1

Project Number: L-4-T21S-R34E 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:	

Raland Khuth

Date:

9/21/2006

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director Peggy Allen, QA Officer Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

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Environmental Lab of Texas

Odessa, Texas 79755 12600 West I-20 East

Phone: 432-563-1800

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Fax: 432-563-1713

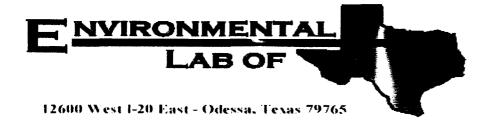
TAT brebnet2 □ NPDES <u>...</u> Hd Chlorides × × M.S.O.M. □ TRR VOCs Free of Headspace? Custody seals on container(s) Custody seals on coder(s) Temperature Upon Receipt: by Sampler/Cirent Rep. by Courier? UPS Sample Containers Intact? Project Name: Hunt APO State 1 Laboratory Comments: Sample Hand Delivered BLEX 80218 2030 or BLEX 8260 × **×** Project #: L-4-T21S-R34E Standard Project Loc: Lea County PO#: 1032420 Wetels: As Ag Ba Cd Ct Pb Hg Se **TOTAL**: 걸 Anions (Cl, SO4, CO3, HCO3) Report Format: COROUZ (CO' MB' MB' K) Š E E 2001 (\$108) 81h H9T × × Please analyze TPH 8015B (GRO/DRO)-Not TPH 8015M. Please put chloride results on different report ഗ **(**) S Date Oate Olner (Specify) None COESTEN HOBM e-mail: shemyb@ypcnm.com OSTH ЮН Fax No: 505-748-4585 ONH ~...V × × No. of Containers 11:45 AM 11:20 AM 12:00 PM 12:30 PM DalqmeS amfT 9/14/2006 9/14/2006 9/14/2006 9/14/2006 Received by (eceived by Date Sambled 10. 5 1-Ending Depth <u></u> 9/3/80/9.45 3:30 PM 505-748-4162 OR 505-513-1529 Beginning Depth Yates Petroleum Corporation 09/14/06 Sampler Signature: 6 5 2016 Anesia, NM 88210 105 S 4th Street Sherry Bonham FIELD CODE HuntBG004 Hunt002 Hunt003 Hunt001 ORDER #: (47/008 Company Address: Project Manager: Company Name Telephone No: City/State/Zip: Special Instructions: Relinquished by: Relinquished by Relinquished by Sherry Bonham (lab use only) AB # (tab use only)

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

1D#: <u>Le.F.150</u>					
als: UK					
	Sample Receipt	Checklist		Clie	nt Initial
Temperature of container/ cooler?		Yes	No	4000 A 5°C	
Shipping container in good condition	1?	XES	No		
Custody Seals intact on shipping co		(Yes	No	Not Present	
Custody Seals intact on sample bot	tles/ container?	₩eş	No	Not Present	
Chain of Custody present?		(Ps)	No		
Sample instructions complete of Ch	ain of Custody?	Yes	No		
Chain of Custody signed when relin		Уeэ	No		
Chain of Custody agrees with samp		χ [®] s	No	ID written on Cont./ Lid	
Container label(s) legible and intact	?	Xes	No	Not Applicable	
Sample matrix/ properties agree w	th Chain of Custody?	æ,	No		
Containers supplied by ELOT?	·	Yes	No		
Samples in proper container/ bottle	1?	/es	No	See Below	
Samples properly preserved?		res	No	See Below	
Sample bottles intact?		7es	No		
Preservations documented on Cha		(es	No		
Containers documented on Chain		(es	No		
Sufficient sample amount for indica) Es	No	See Below	
3 All samples received within sufficie		Zes .	No	See Below	
VOC samples have zero headspace	ce?		No	Not Applicable	
	Variance Docui	mentation		•	
ntact:(Contacted by:		-	Date/ Time:	
garding:					
rrective Action Taken:					

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event



Analytical Report

Prepared for:

Eb Taylor Talon LPE- Hobbs 318 East Taylor Street Hobbs, NM 88240

Project: Hunt APO #1
Project Number: YATESP030SPL
Location: Lea County, NM

Lab Order Number: 6J30008

Report Date: 11/03/06

Talon LPE- Hobbs 318 East Taylor Street Hobbs NM, 88240 Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

ANALYTICAL REPORT FOR SAMPLES

Sample TD	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 24"	6J30008-01	Soil	10/30/06 07:47	10-30-2006 11:20
SP-2 24"	6J30008-02	Soil	10/30/06 08:00	10-30-2006 11:20
SP-3 24"	6J30008-03	Soil	10/30/06 08:20	10-30-2006 11:20

Fax: (505) 393-4658

Taion LPE- Hobbs 318 East Taylor Street Hobbs NM, 88240 Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Fax: (505) 393-4658

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 24" (6J30008-01) Soil									
Chloride	2320	50.0	mg/kg	100	EK60101	11/01/06	11/01/06	EPA 300.0	
SP-2 24" (6J30008-02) Soil									
Chloride	2160	50.0	mg/kg	100	EK60101	11/01/06	11/01/06	EPA 300.0	
SP-3 24" (6J30008-03) Soil									
Chloride	2960	50.0	mg/kg	100	EK60101	11/01/06	11/01/06	EPA 300.0	

Taion LPE- Hobbs 318 East Taylor Street Hobbs NM, 88240

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Fax: (505) 393-4658

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

	Reporting		Spike	Source		%REC	%REC			
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EK60101 - Water Extraction										
Blank (EK60101-BLK1)				Prepared & Analyzed: 11/01/06						
Chloride	ND	0.500	mg/kg					-		
LCS (EK60101-BS1)				Prepared &	: 11/01/06					
Chloride	11.0	0.500	mg/kg	10.0		110	80-120			
Calibration Check (EK60101-CCV1)			Prepared & Analyzed: 11/01/06							
Chloride	10.8		mg/L	10.0		108	80-120	<u>.</u>		
Duplicate (EK60101-DUP1)	Source: 6J30008-01		Prepared & Analyzed: 11/01/06							
Chloride	2290	50.0	mg/kg	2320			1.30	20		
Duplicate (EK60101-DUP2)	Source: 6J30008-03		Prepared & Analyzed: 11/01/06							
Chloride	3130	50.0	mg/kg		2960			5.58	20	
Matrix Spike (EK60101-MS1)	Source: 6J30008-01		Prepared & Analyzed: 11/01/06							
Chloride	3600	50.0	mg/kg	1000	2320	128	80-120			M
Matrix Spike (EK60101-MS2)	Sour	rce: 6J30008-	03	Prepared & Analyzed: 11/01/06						
Chloride	4470	50.0	mg/kg	1000	2960	151	80-120			M

Talon LPE- Hobbs
Project: Hunt APO #1

318 East Taylor Street
Project Number: YATESP030SPL
Hobbs NM, 88240
Project Manager: Eb Taylor

Notes and Definitions

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

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:	Kaland KJulis	Date:
Kebou vybuoven Dy,		Daic.

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director Peggy Allen, QA Officer Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

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11/3/2006

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Odessa, Texas 79765 12600 West I-20 East

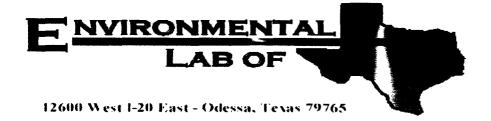
Phone: 432-563-1800 Fax: 432-563-1713

TAT brabnata NPDES RUSH TAT (Pre-Soirediste) 24, 48, 72 hrs 20 Project Loc: Les County Nr Project # 747859 030 SPL Temperature Upon Receipt: 102 TRRP Project Name: MWT APO ЮЯ Sample Containers Intact? Custody seals ch-cooler(s) Labels on containerts. Custody seals on container MEX 80518 2030 ON BIEX 8580 VOCs. Free. of Headspace Standard Melala: As Ag Ba Cd Ct Pb Hg Sa TCLP # Od Report Format: 071 900L X I SOOL XI CTAYIOT CTAINING GO WS108 12 CK Date Date Orher (Specify) 505 393-4658 anolA EO5SEN HOPN rôs²H НСІ CONH 90(otal #, of Containers benefit Pilered SEPCT ATS Fax No: e-mail: 8:30 7:47 8:8 Time Sampled المرازية! Received by ELCI 88240 08/0/ Received by: 20/30 10/30 Date Sampled JA-1105 238- 6388 Ending Depth Ime 3 TALDW LPE Peginning Depth Date HORRS 318 432 Sampler Signature: 1 7 : 12 6130008 S FIELD CODE Company Address: Project Manage: Company Name HINTIDES Telephone No: City/State/Zip: A P A Special Instructions: خه Refinquished by (lab. use.only) ORDER#: (Vino seu dei) # 8A 0

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client:	Taion LPE							
Date/ Time:	10-30-04 @ 1120							
Lab ID#:	6230008							
Initials:	JMM							
	Sample Receipt	Checklist		Clien	t Initials			
#1 Tempera	thurs of containor/ cooler?	(Yes	No	3'D °C	Litteria			
				3,0				
				(Not Present)				
	Yes	No No	Not Present					
)	Seals intact on sample bottles/ container? Custody present?	(Yes)	No	Not resent				
	instructions complete of Chain of Custody?	(Yes)	No	 				
	Custody signed when relinquished/ received?	(Yes)	No					
	Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid				
	er label(s) legible and intact?	Ves	No	Not Applicable				
	matrix/ properties agree with Chain of Custody?	(es_)	No	(tot ripphoable				
	ers supplied by ELOT?	(Yes)	No					
	s in proper container/ bottle?	(Yes)	No	See Below				
	s properly preserved?	(Yes	No	See Below				
#14 Sample		(Yes	No					
	ations documented on Chain of Custody?	(Yes)	No					
	ers documented on Chain of Custody?	Tes)	No					
<u> </u>	nt sample amount for indicated test(s)?	/es	No	See Below				
	ples received within sufficient hold time?	Yes	No	See Below				
	#19 VOC samples have zero headspace?			Not Applicable				
		(Yes)	No	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Variance Docur	mentation						
Contact:	Contacted by:	_		Date/ Time:				
Regarding:								
	and the second s							
Corrective Ac	tion Taken:							
Check all that	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								



Analytical Report

Prepared for:

Eb Taylor
Talon LPE- Hobbs
318 East Taylor Street
Hobbs, NM 88240

Project: Hunt APO #1
Project Number: YATESP030SPL

Location: Lea County, NM

Lab Order Number: 6J30008

Report Date: 11/03/06

Project: Hunt APO #1

Project Number: YATESP030SPL Project Manager: Eb Taylor Fax: (505) 393-4658

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 24"	6J30008-01	Soil	10/30/06 07:47	10-30-2006 11:20
SP-2 24"	6J30008-02	Soil	10/30/06 08:00	10-30-2006 11:20
SP-3 24"	6J30008-03	Soil	10/30/06 08:20	10-30-2006 11:20

Project: Hunt APO #1
Project Number: YATESP030SPL

Project Manager: Eb Taylor

Organics by GC Environmental Lab of Texas

		Environ	mentai L	40 01 10					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 24" (6J30008-01) Soil						Troparou	1 saily bou	7,704,04	11000
Benzene	ND	0.0250	mg/kg dry	25	EJ63103	10/30/06	10/31/06	EPA 8021B	
Toluene	ND	0.0250	"	п	n	n	n	H	
Ethylbenzene	ND	0.0250	n	п	*	11	*	Ħ	
Xylene (p/m)	ND	0.0250		n	#	n	n	n	
Xylene (o)	ND	0.0250	#	*	n	n	n	H	
Surrogate: a,a,a-Trifluorotoluene		91.0%	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	80-1	20	"	**	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ63106	n	10/31/06	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	,		"	"	"	н	
Total Carbon Range C6-C28	ND	10.0	и	н	#	н	Ħ	#	
Surrogate: 1-Chlorooctane		128 %	70-1	30	"	"	"	"	,
Surrogate: 1-Chlorooctadecane		82.4 %	70-1	30	"	"	"	"	
SP-2 24" (6J30008-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EJ63103	10/30/06	10/31/06	EPA 8021B	
Toluene	ND	0.0250	п	"	н	н		н	
Ethylbenzene	ND	0.0250	n	н	n	"	"	п	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	H	
Xylene (o)	ND	0.0250	H	n	п	н	**		
Surrogate: a,a,a-Trifluorotoluene		89.0 %	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	80-1	20	"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ63106	17	10/31/06	EPA 8015B	
Carbon Ranges >C10-C28	19.3	10.0	n	n	n	11	"	#	
Total Carbon Range C6-C28	19.3	10.0	"	n	n	ıı	n	n	
Surrogate: 1-Chlorooctane		126 %	70-1	30	"	"	"	"	**
Surrogate: 1-Chlorooctadecane		83.2 %	70-1	30	n	"	"	"	
SP-3 24" (6J30008-03) Soil									
Benzene	0.252	0.0250	mg/kg dry	25	EJ63103	10/30/06	10/31/06	EPA 8021B	
Toluene	1.10	0.0250	n	n	v	n	#	m	
Ethylbenzene	0.631	0.0250	n	H	н		*	n	
Xylene (p/m)	3.47	0.0250	"	"	"	"	n	#	
Xylene (o)	1.17	0.0250	"	#	н	"	"		
Surrogate: a,a,a-Trifluorotoluene	-	134 %	80-1	20	,,	,,	**	n	S-04
Surrogate: 4-Bromofluorobenzene		134 %	80-1	20	"	"	"	"	S-04
Carbon Ranges C6-C10	361	10.0	mg/kg dry	1	EJ63106	n	10/31/06	EPA 8015B	
Carbon Ranges >C10-C28	1540	10.0	n	п	15	n	n	n	
Total Carbon Range C6-C28	1900	10.0	#	#	n			*	

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.

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-3 24" (6J30008-03) Soil									
Surrogate: 1-Chlorooctane		129 %	7 0 -	130	EJ63106	10/30/06	10/31/06	EPA 8015B	
Surrogate: 1-Chlorooctadecane		106 %	70-	130	"	"	"	"	

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Fax: (505) 393-4658

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 24" (6J30008-01) Soil									
% Moisture	11.3	0.1	%	1	EJ63101	10/30/06	10/31/06	% calculation	
SP-2 24" (6J30008-02) Soil									
% Moisture	11.7	0.1	%	1	EJ63101	10/30/06	10/31/06	% calculation	
SP-3 24" (6J30008-03) Soil									
% Moisture	12.1	0.1	%	1	EJ63101	10/30/06	10/31/06	% calculation	

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch E.I63103 - EPA 5030C (GC)										
Blank (EJ63103-BLK1)				Prepared &	Analyzed	: 10/30/06				
Benzene	ND	0.0250	mg/kg wet		*				~	
Toluene	ND	0.0250	P							
Ethylbenzene	ND	0.0250	π							
Xylene (p/m)	ND	0.0250	n							
Xylene (o)	ND	0.0250	н							
Surrogale: a,a,a-Tristuorotoluene	39.9		ug/kg	40.0		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	41.1		"	40.0		103	80-120			
LCS (EJ63103-BS1)				Prepared &	Analyzed:	: 10/30/06				
Benzene	1.44	0.0250	mg/kg wct	1.25		115	80-120			
Toluene	1.38	0.0250	"	1.25		110	80-120			
Ethylbenzene	1.45	0.0250	"	1.25		116	80-120			
Xylene (p/m)	2.93	0.0250	,	2.50		117	80-120			
Xylene (o)	1.44	0.0250	п	1.25		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.0		ug/kg	40.0		100	80-120			
Surrogate: 4-Bromofluorobenzene	39.6		"	40.0		99.0	80-120			
Calibration Check (EJ63103-CCV1)				Prepared: 1	.0/30/06 A	nalyzed: 10	/31/06			
Benzene	52.3		ug/kg	50.0		105	80-120		• • • • • • • • • • • • • • • • • • • •	
Toluene	45.6		n	50.0		91.2	80-120			
Ethylbenzene	46.8		n	50.0		93.6	80-120			
Xylene (p/m)	90.5		#	100		90.5	80-120			
Xylene (0)	41.3			50.0		82.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	34.8		**	40.0		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	33.4		"	40.0		83.5	80-120			
Matrix Spike (EJ63103-MS1)	Sou	rce: 6J30008	-02	Prepared: 1	.0/30/06 A	nalyzed: 10	/31/06			
Benzene	1.52	0.0250	mg/kg dry	1.42	ND	107	80-120			
Toluene	1.43	0.0250	"	1.42	ND	101	80-120			
Ethylbenzene	1.40	0.0250	n	1.42	ND	98.6	80-120			
Xylene (p/m)	3.11	0.0250	27	2.83	ND	110	80-120			
Xylene (o)	1.21	0.0250	н	1.42	ND	85.2	80-120			
Surrogate: a, a, a-Trifluorotoluene	36.4		ug/kg	40.0		91.0	80-120			
Surrogate: 4-Bromofluorobenzene	40.8		"	40.0		102	80-120			

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Organics by GC - Quality Control Environmental Lab of Texas

	D 1/	Reporting	TT '2	Spike	Source	MADEC	%REC	DDD	RPD	NT 4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EJ63103 - EPA 5030C (GC)			<u> </u>							
Matrix Spike Dup (EJ63103-MSD1)	Sour	ce: 6J30008	-02	Prepared: 1	10/30/06 Aı	nalyzed: 10	/31/06			
Benzene	1.58	0.0250	mg/kg dry	1.42	П	111	80-120	3.67	20	
l'oluene	1.50	0.0250	"	1.42	ND	106	80-120	4.83	20	
Ethylbenzene	1.54	0.0250	"	1.42	ND	108	80-120	9.10	20	
Xylene (p/m)	3.22	0.0250	"	2.83	ND	114	80-120	3.57	20	
Xylene (a)	1.27	0.0250	"	1.42	ND	89.4	80-120	4.81	20	
Surrogate: a,a,a-Trifluorotoluene	34.3		ug/kg	40.0		85.8	80-120			
Surrogate: 4-Bromofluorobenzene	44.0		"	40.0		110	80-120			
Batch EJ63106 - Solvent Extraction (GC)										
Blank (EJ63106-BLK1)				Prepared: 1	10/30/06 Ла	nalyzed: 10	/31/06			
Carbon Ranges C6-C10	ND	10.0	mg/kg wet							
Carbon Ranges >C10-C28	ND	10.0	"							
Total Carbon Range C6-C28	ND	10.0	"							
Surrogate: 1-Chlorooctane	64.1		mg/kg	50.0		128	70-130	****		
Surrogate: 1-Chlorooctadecane	53.8		"	50.0		108	70-130			
LCS (EJ63106-BS1)				Prepared: 1	10/30/06 Aı	nalyzed: 10	/31/06			
Carbon Ranges C6-C10	556	10.0	mg/kg wet	500		111	75-125			
Carbon Ranges >C10-C28	451	10.0	*	500		90.2	75-125			
Fotal Carbon Range C6-C28	1010	10.0	ņ	1000		101	75-125			
Surrogate: 1-Chlorooctane	64.2		mg/kg	50.0		128	70-130		•	
Surrogate: 1-Chlorooctadecane	42.2		"	50.0		84,4	70-130			
Calibration Check (EJ63106-CCV1)				Prepared: 1	10/30/06 Aı	nalyzed: 10	/31/06			
Carbon Ranges C6-C10	510		mg/kg	500		102	80-120			
Carbon Ranges >C10-C28	429		"	500		85.8	80-120			
Fotal Carbon Range C6-C28	939		n	1000		93.9	80-120			
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			

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Surrogate: 1-Chlorooctadecane

104

70-130

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Fax: (505) 393-4658

Organics by GC - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EJ63106 - Solvent Extraction (GC)		h					50			
Matrix Spike (EJ63106-MS1)	Sour	ce: 6J27010	-03	Prepared:	10/30/06 A	nalyzed: 10	/31/06			
Carbon Ranges C6-C10	636	10.0	mg/kg dry	600	ND	106	75-125			
Carbon Ranges >C10-C28	499	10.0	п	600	ND	83.2	75-125			
Total Carbon Range C6-C28	1130	10.0	"	1200	ND	94.2	75-125			
Surrogate: 1-Chlorooctane	62.3		mg/kg	50.0		125	70-130			
Surrogate: 1-Chlorooctadecane	36.4		"	50.0		72.8	7 0-130			
Matrix Spike Dup (EJ63106-MSD1)	Sour	ce: 6J27010	-03	Prepared:	10/30/06 A	nalyzed: 10	/31/06			
Carbon Ranges C6-C10	635	10.0	mg/kg dry	600	ND	106	75-125	0.157	20	
Carbon Ranges >C10-C28	500	10.0	"	600	ND	83.3	75-125	0.200	20	
Total Carbon Range C6-C28	1130	10.0	"	1200	ND	94.2	75-125	0.00	20	
Surrogate: 1-Chlorooctane	61.8		mg/kg	50.0		124	70-130	_		
Surrogate: 1-Chlorooctadecane	36.5		"	50.0		73.0	70-130			

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Fax: (505) 393-4658

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 EJ63101 - General Preparation (Prep)										
Blank (EJ63101-BLK1)				Prepared:	10/30/06 Л	nalvzed: 10	/31/06			

	<u> </u>					
Blank (EJ63101-BLK1)			Prepared: 10/30/06 Analyzed: 10/3	1/06		
% Solids	100	%				
Duplicate (EJ63101-DUP1)	Source: 6J	26007-01	Prepared: 10/30/06 Analyzed: 10/3	1/06		
% Solids	94.0	%	93.9	0.106	20	
Duplicate (EJ63101-DUP2)	Source: 6J	30001-04	Prepared: 10/30/06 Analyzed: 10/3:	1/06		
% Solids	94.2	%	94.4	0.212	20	
Duplicate (EJ63101-DUP3)	Source: 6J	30014-01	Prepared: 10/30/06 Analyzed: 10/3	1/06		
% Solids	90.0	%	90.1	0.111	20	***************************************

Project: Hunt APO #1

Project Number: YATESP030SPL

Project Manager: Eb Taylor

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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:

Raland K States

Date:

11/3/2006

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

Jeanne Me Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

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

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Odessa, Texas 79765 12600 West I-20 East

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

TAT brishnet2 ☐ NPDES RUSH TAT (Pre-Schedule) 24, 48, 72 hre COUNTY NE Project #: YA7859 030 SP2 TRRP M.A.O.M Project Name: Awy APO BCI Laboratory Consments: Samble containers Infact? Temperature Upon Receipt Labels on containeds)
Custody seals on container TEX 80218 6030 or BTEX 8260 VOCs. Free of Headspace Project Loc: & E. Standard Retals: As Ag Ba Cd Cr Pb Hg Se SAR / ESP / CEC TOTAL ₽0 # Report Format: ०८। 9001 X1 **9001 XI** CTAYIOF CTALINGE GOS me BELL! Sate 8 505 393-4658 MONE CO_CS_SeN ¹ÓS²H нсі ²QNH old #. of Containers besettiff bled Septemb Fax No: e-mail: 7:47 8:30 8,8 Time Sampled Received by ELOI 88240 10/sp Received by: 08/0/ 10/80 Date Sampled JA-1105 238- 6386 Ending Depth Taylor LIMB IMB 3 TRUM LA Beginning Depth Date HD8.85 SB 30 432 アカイン 2 ORDER# 6130008 î Î FIELD CODE Sampler Signature: Company Address: Project Manager Company Name HING DES Telephone No: a City/State/Zip: Special Instructions: Relinquished by (lab use only) Ö 20

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

Client:	Talon LPE				
Date/ Time:	10-30 OF & 1150				
Lab ID#:	6330008				
Initials:	JMM				
	Sample Receipt	Checklist			
	oumple Results	VIICURIISE		(Client Initials
#1 Tempera	ature of container/ cooler?	(Yes	No	3.D °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		
#8 Sample i	instructions complete of Chain of Custody?	(Yes)	No		
#7 Chain of	Custody signed when relinquished/ received?	(Yes)	No		
	Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9 Containe	er label(s) legible and intact?	Ves	No	Not Applicable	
#10 Sample	matrix/ properties agree with Chain of Custody?	(es)	No	<u> </u>	
#11 Contain	ers supplied by ELOT?	(Yes)	No		
#12 Sample:	s in proper container/ bottle?	(Yes)	No	See Below	
#13 Sample:	s properly preserved?	(Yes)	No	See Below	
#14 Sample	bottles intact?	(Yes)	No		
#15 Preserva	ations documented on Chain of Custody?	(Yes)	No		
#16 Contain	ers documented on Chain of Custody?	Yes	No		
#17 Sufficier	nt sample amount for indicated test(s)?	Yes	No	See Below	
#18 All samp	oles received within sufficient hold time?	TES	No	See Below	
#19 VOC sa	mples have zero headspace?	Yes)	No	Not Applicable	
	Variance Docur	mentation			
Contact:	Contacted by:			Date/ Time:	
Regarding:					
					
Corrective Ac	tion Taken:				
			· · · · · · · · · · · · · · · · · · ·		
				·	
Check all that	Apply: See attached e-mail/ fax Client understands and would Cooling process had begun s				

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

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

1220 S. St. Francis Dr., Santa Fe, NM 87505 **Release Notification and Corrective Action** Initial Report **OPERATOR** Final Report OGRID Number Name of Company Contact YATES PETROLEUM CORPORATION SHERRY BONHAM 25575 Address Telephone No. 105 S 4TH STREET 505.748.1471 Facility Name API Number Facility Type 30-025-27135 **HUNT APO STATE 1** TANK BATTERY Surface Owner Mineral Owner Lease No. 199787 STATE **STATE** LOCATION OF RELEASE Unit Letter Feet from the North/South Line Feet from the East/West Line Section Township County Range SOUTH WEST 34E 2310 LEA Latitude 32.50675 Longitude 103.48073 NATURE OF RELEASE Type of Release Volume of Release Volume Recovered PRODUCED WATER 15 BBL P/W 2 BBL P/W Source of Release Date and Hour of Occurrence Date and Hour of Discovery WATER PUMP FAILURE 5/2/06 PM 5/2/06 PM If YES, To Whom? Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required N/A By Whom? Date and Hour N/A N/A Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No N/A If a Watercourse was Impacted, Describe Fully.* N/A Describe Cause of Problem and Remedial Action Taken.* RELEASE WAS CAUSED BY CORROSION ON INSIDE OF 3" LINE THAT ATE THROUGH PIPE CAUSING A HOLE IN PIPE. PUMPER SHUT IN WELL AND SHUT DOWN EQUIPMENT. VACUUM TRUCK AND CREW CALLED IN. 3" LINE REPAIRED. Describe Area Affected and Cleanup Action Taken.* HOLE IN PIPE RESULTED IN PRODUCED WATER RELEASE AFFECTING APPROXIMATELY 20' X 15' AREA. ALL FLUIDS WERE CONTAINED WITHIN THE BERMED AREA. VACUUM TRUCK AND CREW CALLED IN TO VACUUM STANDING FLUIDS. DEPTH TO GROUND WATER: >100'; WELLHEAD PROTECTION AREA: NO; DISTANCE TO SURFACE WATER BODY: >1000'. SITE RANKING: 0. FINAL REPORT. REQUESTING CLOSURE TO INCIDENT. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD 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, NMOCD 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 Signatur ENLIPE EN Approved by District Printed Name: Sherry Bonham Title: Environmental Regulatory Agent Approval Date: 5.4.87 **Expiration Date:** E-mail Address: sherryb@ypcnm.com Conditions of Approval: Attached FUTURE SAMPLE SUBMITHES Date: January 22, 2007 Phone: 505.748.1471

WILL REQUIRE TABLE

FORM FORMAT,