RECEIVED

By OCD District 1 at 8:24 am, Aug 05, 2015 of New Mexico By OCD District 1 at 8:25 am, Aug 05, 2015

APPROVED

1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

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

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

Revised October 10, 2003

Release Notification and Corrective Action

				0]	PERA	TOR		٦	☐ Initia	l Report	\boxtimes	Final Report
Name of Co				OGRID Nun	nber	Contact				1		
Yates Petro	leum Corp	oration		25575		Robert Ash						
Address						Telephone 1						
104 S. 4 TH S						575-748-14						
Facility Nar		100000000000000000000000000000000000000		API Number		Facility Typ						
Red Raider	BKS State	#2-H		30-025-3971	6	Pumping U	nit					
Surface Ow	ner			Mineral C	wner				Lease N	lo.		
State				State					VB-065	51		
				LOCA	TIOI	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/W	est Line	County		
J	25	24S	33E	330]	North	2180	E	Cast	Lea		
				Latitude 32.	18210	_ Longitude	e_103.52411_					
				NAT	URE	OF REL	EASE					
Type of Rele Produced Wa						Volume of 20 B/PW	Release		Volume F 0 B/PW	Recovered		
Source of Re							lour of Occurrence	re		Hour of Dis	covery	
Vacuum Truc	ck					6/3/2013 -			6/3/2013		covery	
Was Immedia	ate Notice C					If YES, To				VI V		
		\boxtimes	Yes	No Not Re	quired	Geoffrey L	eking/NMOCD I					
By Whom?						Date and H	lour					
Robert Asher			ation			6/7/2013 -						
Was a Water	course Reac		Yes 🗵	1 No.		If YES, Vo	lume Impacting t	the Water	course.			
If a Watercou N/A	irse was Im					IV/A						
Describe Cau	se of Proble	em and Reme	dial Actio	n Taken.*								
Release was t	from an unk	nown vacuun	n truck tha	at illegally dumped	the pro	oduced water	at the corner of th	ne pad, pr	oduced w	ater ran into	pasture	e area East of
pad. There wa	as no produ	ced water to r	ecover.									
Describe Are	a Affected	and Cleanup A	Action Tak	cen.*			a familiar		25 939			
An approxim	ate area of :	X 30'. No pumentation)	oroduced v	water recovered. V analytical results f	ertical a	and horizonta	l delineation sam	ples will	be taken a	nd analysis	ran for	TPH &
submitted to	the OCD re	auesting closi	ire. If the	analytical results	are abov	ve the RRAL	a work plan will	he submi	1g 1s 10) a tted to the	OCD Dent	it, C-14	I will be
Water: 50-99	9' (approx.	75', per the	Chevron	Texaco trend map); Well	head Protect	tion Area: No: D	istance t	o Surface	Water Bod	lv: >10	00': SITE
RANKING I	S 10. Base	d on enclosed	l analytica	al results, Yates I	Petroleu	ım Corporat	ion requests clos	ure.				
I hereby certi	fy that the i	nformation gi	ven above	e is true and comp	lete to th	ne best of my	knowledge and u	nderstan	d that purs	uant to NM	OCD rı	ıles and
regulations al	l operators	are required t	o report ar	nd/or file certain re	elease no	otifications ar	nd perform correc	tive action	ons for rele	eases which	may en	ıdanger
should their o	or the envir	onment. The	acceptano	ce of a C-141 reporting the contract of a C-141 reporting to a contract of the	rt by the	e NMOCD m	arked as "Final R	eport" do	es not reli	eve the oper	rator of	liability
or the environ	ment. In a	ddition. NMC	CD accer	otance of a C-141	report de	e comamman oes not reliev	on mat pose a three the operator of the	eat to gro resnonsil	ound water	, surrace wa	iter, hui	nan health
federal, state,	or local lay	vs and/or regu	lations.		eport de	ocs not renev	e the operator of	сэроны	office to the co	omphance w	illi aliy	otilei
							OIL CON	SERV	ATION	DIVISIO)N	
G:		\sim	0							2111010	-11	
Signature:	6	MU					Environmental S	specialist:	Jamit	211		
Printed Name	: Robert As	sher			1	Approved by	District Supervis	or :	, , , , , , , , , , , , , , , , , , , ,	roje		
0.00							o. 08/05/2015					
Title: NM En	vironmenta	Regulatory S	Supervisor		1	Approval Dat	e: 00/03/2013	E	xpiration l	Date:		
E-mail Addre	ess: boba@y	atespetroleun	n.com		(Conditions of	Approval:			Attached		
Date: Monday	y, July 08, 2	2013	Phone:	575-748-4217		1RP- ³⁷⁸²				Attached	Ц	

^{*} Attach Additional Sheets If Necessary



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

July 02, 2013

Robert Asher Yates Petroleum 105 South 4th Artesia, NM 88210 TEL: (575) 748-4217

FAX

RE: Red Raider BKS State #2-H

OrderNo.: 1306A21

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 2 sample(s) on 6/25/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1306A21

Date Reported: 7/2/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-00.5

Project:

ect: Red Raider BKS State #2-H

Collection Date: 6/19/2013 11:25:00 AM

Lab ID:

1306A21-001

Matrix: SOIL

Received Date: 6/25/2013 9:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RAN	GE ORGANICS				Analys	t: JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/27/2013 3:20:50 PM	8095
Surr: DNOP	107	63-147	%REC	1	6/27/2013 3:20:50 PM	8095
EPA METHOD 8015D: GASOLINE R	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	6/27/2013 12:33:17 PM	A 8118
Surr: BFB	91.0	80-120	%REC	1	6/27/2013 12:33:17 PM	A 8118
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.093	mg/Kg	1	6/27/2013 12:33:17 PM	A 8118
Benzene	ND	0.047	mg/Kg	1	6/27/2013 12:33:17 PM	<i>l</i> 8118
Toluene	ND	0.047	mg/Kg	1	6/27/2013 12:33:17 PM	A 8118
Ethylbenzene	ND	0.047	mg/Kg	1	6/27/2013 12:33:17 PM	<i>I</i> 8118
Xylenes, Total	ND	0.093	mg/Kg	1	6/27/2013 12:33:17 PM	A 8118
Surr: 4-Bromofluorobenzene	103	80-120	%REC	1	6/27/2013 12:33:17 PM	A 8118

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 1 of 5

- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Lab Order 1306A21

Date Reported: 7/2/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-01.0

Project: Red Raider BKS State #2-H

Collection Date: 6/19/2013 11:38:00 AM

Lab ID: 1306A21-002

Received Date: 6/25/2013 9:00:00 AM

Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS			Analyst:	JME
Diesel Range Organics (DRO)	ND	10	mg/Kg	1 6/27/2013 4:27:43 PM	8095
Surr: DNOP	92.4	63-147	%REC	1 6/27/2013 4:27:43 PM	8095
EPA METHOD 8015D: GASOLINE RA	NGE			Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1 6/27/2013 2:04:09 PM	8118
Surr: BFB	89.2	80-120	%REC	1 6/27/2013 2:04:09 PM	8118
EPA METHOD 8021B: VOLATILES				Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1 6/27/2013 2:04:09 PM	8118
Benzene	ND	0.047	mg/Kg	1 6/27/2013 2:04:09 PM	8118
Toluene	ND	0.047	mg/Kg	1 6/27/2013 2:04:09 PM	8118
Ethylbenzene	ND	0.047	mg/Kg	1 6/27/2013 2:04:09 PM	8118
Xylenes, Total	ND	0.095	mg/Kg	1 6/27/2013 2:04:09 PM	8118
Surr: 4-Bromofluorobenzene	102	80-120	%REC	1 6/27/2013 2:04:09 PM	8118

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 2 of 5

- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1306A21

02-Jul-13

Client:

Yates Petroleum

Project: Red Rai	der BKS State #2-H			
Sample ID MB-8095	SampType: MBLK	TestCode: EPA Method	8015D: Diesel Range Organics	
Client ID: PBS	Batch ID: 8095	RunNo: 11523		
Prep Date: 6/25/2013	Analysis Date: 6/25/2013	SeqNo: 326782	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qu	ual
Diesel Range Organics (DRO)	ND 10	05.0	4.47	
Surr: DNOP	8.5 10.00	85.3 63	147	
Sample ID LCS-8095	SampType: LCS	TestCode: EPA Method	8015D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 8095	RunNo: 11523		
Prep Date: 6/25/2013	Analysis Date: 6/25/2013	SeqNo: 326783	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qu	ual
Diesel Range Organics (DRO)	46 10 50.00	0 92.1 77.1	128	
Surr: DNOP	4.4 5.000	88.3 63	147	
Sample ID MB-8058	SampType: MBLK	TestCode: EPA Method	8015D: Diesel Range Organics	
Client ID: PBS	Batch ID: 8058	RunNo: 11523		
Prep Date: 6/21/2013	Analysis Date: 6/25/2013	SeqNo: 327121	Units: %REC	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qu	ual
Surr: DNOP	8.9 10.00	89.0 63	147	
Sample ID LCS-8058	SampType: LCS	TestCode: EPA Method	8015D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 8058	RunNo: 11523		
Prep Date: 6/21/2013	Analysis Date: 6/25/2013	SeqNo: 327122	Units: %REC	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qu	ual
Surr: DNOP	4.7 5.000	93.0 63	147	
Sample ID MB-8150	SampType: MBLK	TestCode: EPA Method	8015D: Diesel Range Organics	
Client ID: PBS	Batch ID: 8150	RunNo: 11622		
Prep Date: 6/28/2013	Analysis Date: 6/28/2013	SeqNo: 330163	Units: %REC	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qu	ual
Surr: DNOP	11 10.00	107 63	147	
Sample ID LCS-8150	SampType: LCS	TestCode: EPA Method	8015D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 8150	RunNo: 11622		
Prep Date: 6/28/2013	Analysis Date: 6/28/2013	SeqNo: 330219	Units: %REC	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qu	ual
Surr: DNOP	5.7 5.000	114 63	147	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- RPD outside accepted recovery limits

- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- Sample pH greater than 2 for VOA and TOC only. P
- RL Reporting Detection Limit

Page 3 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1306A21

02-Jul-13

Client:

Yates Petroleum

Surr: BFB

960

Project: Red Rai	der BKS St	ate #2-I	Η							
Sample ID MB-8118	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batch	n ID: 81	18	F	RunNo: 1	1627				
Prep Date: 6/26/2013	Analysis D	Date: 6/	27/2013	S	SeqNo: 3	29803	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0	#2000000 pp							
Surr: BFB	880		1000		88.0	80	120			
Sample ID LCS-8118	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	n ID: 81	18	F	RunNo: 1	1627				
Prep Date: 6/26/2013	Analysis D	Date: 6/	27/2013	S	SeqNo: 32	29804	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.2	62.6	136			

96.0

80

120

1000

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit

Page 4 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1306A21

02-Jul-13

Client:

Yates Petroleum

Project:

Red Raider BKS State #2-H

Sample ID MB-8118	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: 81	18	F	RunNo: 1	1627				
Prep Date: 6/26/2013	Analysis D	ate: 6/	27/2013	8	SeqNo: 3	29823	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			
Sample ID LCS-8118	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	ID: 81	18	F	RunNo: 1	1627				
Prep Date: 6/26/2013	Analysis D	ate: 6/	27/2013	\$	SeqNo: 3	29824	Units: mg/K	g		

Sample ID LCS-8118	Sampi	ype: LC	S	les	tCode: El	A Method	8021B: Volat	illes		
Client ID: LCSS	Batch	n ID: 81	18	F	RunNo: 1	1627				
Prep Date: 6/26/2013	Analysis D	ate: 6/	27/2013	8	SeqNo: 3	29824	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.1	0.10	1.000	0	110	80	120			
Benzene	0.98	0.050	1.000	0	98.0	80	120			
Toluene	0.97	0.050	1.000	0	97.2	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.7	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuguergue, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

RcptNo: 1 Client Name: Yates Petroleum Corporat Work Order Number: 1306A21 Received by/date: Logged By: Lindsay Mangin 6/25/2013 9:00:00 AM Completed By: **Lindsay Mangin** 6/25/2013 9:58:15 AM Reviewed By: Chain of Custody No 🗌 Not Present Yes 🗌 1 Custody seals intact on sample bottles? No 🗌 Not Present Yes 🗸 2. Is Chain of Custody complete? 3. How was the sample delivered? FedEx Log In No 🗔 NA 🗌 Yes 🗸 4. Was an attempt made to cool the samples? NA 🗌 5. Were all samples received at a temperature of >0° C to 6.0°C Yes V No 🗌 No 🗌 6. Sample(s) in proper container(s)? No 🗌 7. Sufficient sample volume for indicated test(s)? No 🗌 Yes 🗸 8. Are samples (except VOA and ONG) properly preserved? Yes 🗌 No 🗹 NA 🗌 9. Was preservative added to bottles? Yes 🗌 No 🗌 No VOA Vials 10.VOA vials have zero headspace? No 🗹 11. Were any sample containers received broken? Yes # of preserved bottles checked No 🗔 for pH: Yes 🗸 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? Yes 🗹 No 🗌 13. Are matrices correctly identified on Chain of Custody? No 🗌 14. Is it clear what analyses were requested? V No 🗌 Checked by: 15. Were all holding times able to be met? Yes 🗸 (If no, notify customer for authorization.) Special Handling (if applicable) 16. Was client notified of all discrepancies with this order? Yes No 🗌 NA 🗹 Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp °C Condition Seal Intact | Seal No Seal Date Signed By 5.4 Good

National Address: 105 S. Fourth Street



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

July 02, 2013

Robert Asher Yates Petroleum 105 South 4th Artesia, NM 88210 TEL: (575) 748-4217

FAX

RE: Red Raider BKS State #2-H

OrderNo.: 1306A21

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 2 sample(s) on 6/25/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1306A21

Date Reported: 7/2/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-00.5

Project: Red Raider BKS State #2-H

Collection Date: 6/19/2013 11:25:00 AM

Lab ID: 1306A21-001

Matrix: SOIL

Received Date: 6/25/2013 9:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	yst: JRR
Chloride	7.7	7.5	mg/Kg	5	6/27/2013 12:43:22	PM 8142

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 1 of 2

P Sample pH greater than 2 for VOA and TOC only.

RL Reporting Detection Limit

Lab Order 1306A21

Date Reported: 7/2/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum

Client Sample ID: Comp-01.0

Project:

ct: Red Raider BKS State #2-H

Collection Date: 6/19/2013 11:38:00 AM

Lab ID:

1306A21-002

Matrix: SOIL

Received Date: 6/25/2013 9:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: JRR
Chloride	320	30	mg/Kg	20	6/27/2013 1:20:35 Pf	M 8142

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 2 of 2

- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Yates Petrole	eum Corporat	Work Order Number:	1306A21		RcptNo:	1
Received by/date:)	No 25 13				
Logged By: Lindsay Ma	ngin	6/25/2013 9:00:00 AM		July Hays		
Completed By: Lindsay Ma	ngin	6/25/2013 9:58:15 AM		Junely House		
Reviewed By:		00/25/13				
Chain of Custody)	C C				
1. Custody seals intact on sai	mple bottles?	¥	Yes \square	No 🗆	Not Present 🗹	
2. Is Chain of Custody comple	ete?		Yes 🗸	No 🗌	Not Present	
3. How was the sample delive	ered?		<u>FedEx</u>			
<u>Log In</u>						
4. Was an attempt made to c	ool the samples?	1	Yes 🗹	No 🗆	NA \square	
5. Were all samples received	at a temperature	of >0° C to 6.0°C	Yes 🗸	No 🗆	NA 🗆	
6. Sample(s) in proper contain	iner(s)?		Yes 🗸	No 🗆		
7. Sufficient sample volume for	or indicated test(s	s)?	Yes 🗹	No 🗌		
8. Are samples (except VOA	and ONG) proper	ly preserved?	Yes 🗹	No 🗆		
9. Was preservative added to	bottles?		Yes 🗌	No 🗹	NA 🗆	
10.VOA vials have zero heads	space?		Yes	No 🗆	No VOA Vials	60 60
11. Were any sample containe	ers received broke	en?	Yes	No 🗹 🛚	# of preserved	-
40					bottles checked	
12. Does paperwork match bot (Note discrepancies on cha			Yes 🗸	No 🗆	for pH: (<2 or	>12 unless noted)
13. Are matrices correctly iden		Custody?	Yes 🗹	No 🗆	Adjusted?	
14. Is it clear what analyses we	ere requested?		Yes 🗹	No 🗆		
15. Were all holding times able (If no, notify customer for a			Yes 🗹	No 🗆	Checked by:	
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Special Handling (if app	licable)		#			
16. Was client notified of all dis	screpancies with	this order?	Yes 🗌	No 🗆	NA 🗹	3
Person Notified:		Date:				
By Whom:		Via:	eMail 🗌	Phone Fax	☐ In Person	
Regarding:			100			
Client Instructions:			***	*		
17. Additional remarks:						•
18. Cooler Information Cooler No Temp °C	Condition Se	eal Intact Seal No S	Seal Date	Signed By	2	
1 5.4	Good Yes		icai Dale	Signed by		

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Time Matrix Sample Request D Type and # Type	EDD (Type)			Sample Tempe	erature:	7.4				g p			səp		ΟΛ	
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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

Submit 2 Copies to appropriate District Office in accordance

Revised October 10, 2003

Form C-141

with Rule 116 on back side of form

Attached

Release Notification and Corrective Action **OPERATOR** Final Report Name of Company OGRID Number Contact Yates Petroleum Corporation 25575 Robert Asher Address Telephone No. 104 S. 4TH Street 575-748-1471 Facility Name Facility Type API Number Red Raider BKS State #2-H 30-025-39716 Pumping Unit Surface Owner Mineral Owner Lease No. State State VB-0651 LOCATION OF RELEASE Feet from the Unit Letter Feet from the North/South Line East/West Line Section Township Range County 25 **24S** 33E I 330 North 2180 East Lea **Latitude** 32.18210 **Longitude** 103.52411 NATURE OF RELEASE Type of Release Volume of Release Volume Recovered Produced Water 20 B/PW 0 B/PW Source of Release Date and Hour of Occurrence Date and Hour of Discovery Vacuum Truck 6/3/2013 - AM 6/3/2013 - AM Was Immediate Notice Given? If YES, To Whom? Geoffrey Leking/NMOCD I By Whom? Date and Hour Robert Asher/Yates Petroleum Corporation 6/7/2013 - AM Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* N/A Describe Cause of Problem and Remedial Action Taken.* Release was from an unknown vacuum truck that illegally dumped the produced water at the corner of the pad, produced water ran into pasture area East of pad. There was no produced water to recover. Describe Area Affected and Cleanup Action Taken.* An approximate area of 5' X 30'. No produced water recovered. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's (site ranking is 10) a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL a work plan will be submitted to the OCD. Depth to Ground Water: 50-99' (approx. 75', per the ChevronTexaco trend map); Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 10. 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 Signature: Approved by District Supervisor: Printed Name: Robert Asher Title: NM Environmental Regulatory Supervisor Expiration Date: Approval Date: E-mail Address: boba@yatespetroleum.com Conditions of Approval:

1RP-

Phone: 575-748-4217

Date: Wednesday, June 12, 2013

^{*} Attach Additional Sheets If Necessary

Bob Asher

From:

Bob Asher

Sent:

Friday, June 07, 2013 9:35 AM

To:

(GeoffreyR.Leking@state.nm.us); (ElidioL.Gonzales@state.nm.us)

Cc:

Amber Cannon; Katie Parker; Lupe Carrasco

Subject:

Release (Red Raider BKS State #2-H)

Tracking:

Recipient

Read

(GeoffreyR.Leking@state.nm.us)

(ElidioL.Gonzales@state.nm.us)

Amber Cannon

Read: 6/7/2013 9:36 AM

Katie Parker Lupe Carrasco

Yates Petroleum Corporation is reporting a release at the following location (6/3/2013).

Red Raider BKS State #2-H 30-025-25762 Section 2, T11S-R34E Lea County, New Mexico

Released: Approximately 20 B/PW; Recovered: 0 B/PW.

Release was from an unknown vacuum truck that backed up at corner of location pad and illegally unloaded produced water onto the ground.

A Form C-141 Initial Report will be submitted with complete information.

Thank you.

Robert Asher

NM Environmental Regulatory Supervisor

Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210 575-748-4217 (Office) 575-365-4021 (Cell) District |
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-5161 Fax: (575) 393-0720
District |
811 S. Fras St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District | |
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6179 Fax: (505) 334-6170
District IV|
1220 S. St. Francis Dr., Sante Fe, NM 87505
Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Change of Operator

Form C-145 August 1, 2011 Permit 207583

Previous Operator Information

New Operator Information

		Effective Date:	Effective on the date of approval by the OCD	
OGRID:	25575	OGRID:	270329	
Name:	YATES PETROLEUM CORPORATION	Name:	ENDURANCE RESOURCES LLC	
Address:	105 S 4TH ST	Address:	15455 Dallas Parkway	
			Suite 1050	
City, State, Zip:	ARTESIA, NM 88210	City, State, Zip;	Addison, TX 75234	

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Additionally, by signing below, ENDURANCE RESOURCES LLC certifies that it has read and understands the following synopsis of applicable

PREVIOUS OPERATOR certifies that all below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells being transferred are either (1) in compliance with 19,15.17 NMAC, (2) have been closed pursuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply with Paragraphs 1 through 4 of 19.15.17.11(i) NMAC.

ENDURANCE RESOURCES LLC understands that the OCD's approval of this operator change:

- constitutes approval of the transfer of the permit for any permitted pit, below-grade tank or closed-loop system associated with the selected wells: and
- constitutes approval of the transfer of any below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells, regardless of whether the transferor has disclosed the existence of those below-grade tanks to the transferee or to the OCD, and regardless of whether the below-grade tanks are in compliance with 19.15.17 NMAC.

As the operator of record of wells in New Mexico, ENDURANCE RESOURCES LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page

are available on the OCD website on the Publications page.

2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.

3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. | understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.

I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "inactive Well List" on OCD's website.

I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has I must keep current with inhalical assurances for well pluggling. Industration that New Mexico Federics each state in the New Internation been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.

 I am responsible for reporting releases as defined by 19.15.29 MMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
 I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If 1 am in violation of Part 5.9.1 may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC. 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If 1 am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all the injection is injection.

least once every live years. See 19.15.25.11 NMAC. Indidestand that when there is a continuous direction well or indicated that injection wells in an injection or storage project or into a saltwater disposal well or special purpose injection well authority for that injection automatically terminates. See 19.15.25.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.

I am responsible for providing the OCD with my current address of record and emergency contact information, and I am responsible for updating that information when it changes. See 19.15.9.8.C NMAC. I understand that I can update that information on the OCD's website under "Electronic Permitting."

Once Electronic Permitting.

If It transfer well operations to another operator, the OCD must approve the change before the new operator can begin operations. See 19.15.9.9.B NMAC. I remain responsible for the wells and related facilities and all related regulatory filings until the OCD approves the operator change. I understand that the transfer will not relieve me of responsibility or liability for any act or omission which occurred while I operated the wells and related facilities.

Previous Op	/	/	.	New Operator			
Signature:	Xattin	4.1	orle	Signature:	08.633		
Printed Name:	Kathy H.	Porter		Printed Name:	Denald G. R. Her		
Title:	Attorney-	in-Fac	<u>t</u>	Title:	CED		
Date:	7/22/15	Phone:	575-748-1471	Date:	7/20/2016 Phone: 469-55-375		

NMOCD Approval
Electronic Signature: Paul Kautz, District 1

Date: July 31, 2015

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Wells Selected for Transfer

Permit 207583 Permit Status: DRAFT

Wells Selected for Transfer

OGRID: 25575
OGRID: 270329

OCD District Hobbs

Property	Well	Lease Type	ULSTR	OCD Unit	API	Well Type	Pool ID	Pool Name	Last Prod/Inj	Additional Bonding
38003	RED RAIDER BKS STATE #001	S	J-25-24S-33E	J	30-025-29141	0	96434	RED HILLS;BONE SPRING, NORTH	05/15	0
	RED RAIDER BKS STATE #002H	s	B-25-24S-33E	В	30-025-39716	0	96434	RED HILLS;BONE SPRING, NORTH	05/15	0

Total Additional bond		0
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