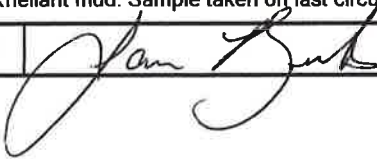



**Reverse Phase Extraction (RPE) Method for Detection of Oil Contamination in Non-Aqueous Drilling Fluids (NAF)**

Figure 1

RPE Analytical Report Certificate of Analysis				
Operator:	Perenco	Area and Block:	Caju Well	
OCS-G Number:	Offshore Brazil	Rig Name:	Diamond – Ocean Star	
Collection Date:	05-May, 2013	Collection Time:	12:00 hrs	
Analysis Date:	05-May, 2013	Analysis Time:	12:00 hrs	
Analyst:	Jason Brooks	Permit Number:		
<b>Method Reference: Appendix 6 to Subpart A of Part 435</b>				
Sample ID	Sample Results	Yes	No	Result (Pass/Fail)
Mud Sample 1	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	PASS
Mud Sample 2	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	PASS
	Does Mud Sample 1 result agree with Mud Sample 2 result?	X		PASS
Results above are acceptable if Mud Sample fluoresces less than positive control, and Mud Sample 1 agrees with Mud Sample 2.				
	Quality Control Results	Yes	No	Acceptable? (Yes/No)
	Does Reagent Blank (RB) fluoresce?		X	YES
	Mud Sample fluoresces less than positive control?	X		YES
	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	YES
	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	YES
Quality control results are acceptable if all answers are "Yes".				
<b>Comments:</b> 10.2ppg Rheliant mud. Sample taken on last circulation of 12 ¼" x 14 ¾" (HO) section prior to POOH for casing job.				
Analyst Signature:		Date:	05-05-13	

**Reverse Phase Extraction (RPE) Method for Detection of Oil Contamination in Non-Aqueous Drilling Fluids (NAF)**

Figure 1

<b>RPE Analytical Report Certificate of Analysis</b>				
Operator:	Perenco	Area and Block:	Caju Well	
OCS-G Number:	Offshore Brazil	Rig Name:	Diamond – Ocean Star	
Collection Date:	16-May, 2013	Collection Time:	19:00 hrs	
Analysis Date:	16-May, 2013	Analysis Time:	19:00 hrs	
Analyst:	Jody Lane	Permit Number:		
<b>Method Reference: Appendix 6 to Subpart A of Part 435</b>				
Sample ID	Sample Results	Yes	No	Result (Pass/Fail)
Mud Sample 1	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	PASS
Mud Sample 2	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	PASS
	Does Mud Sample 1 result agree with Mud Sample 2 result?	X		PASS
<b>Results above are acceptable if Mud Sample fluoresces less than positive control, and Mud Sample 1 agrees with Mud Sample 2.</b>				
	Quality Control Results	Yes	No	Acceptable? (Yes/No)
	Does Reagent Blank (RB) fluoresce?		X	YES
	Mud Sample fluoresces less than positive control?	X		YES
	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	YES
	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	YES
<b>Quality control results are acceptable if all answers are "Yes".</b>				
<b>Comments:</b> 10.0ppg Rheliant mud. Sample taken prior to starting to drill 8.5" section.				
Analyst Signature:			Date:	16-05-13

**Reverse Phase Extraction (RPE) Method for Detection of Oil Contamination in Non-Aqueous Drilling Fluids (NAF)**

Figure 1

RPE Analytical Report Certificate of Analysis				
Operator:	Perenco	Area and Block:	Caju Well	
OCS-G Number:	Offshore Brazil	Rig Name:	Diamond – Ocean Star	
Collection Date:	29-May, 2013	Collection Time:	00:40 hrs	
Analysis Date:	29-May, 2013	Analysis Time:	00:45 hrs	
Analyst:	Gabriel	Permit Number:		
<b>Method Reference: Appendix 6 to Subpart A of Part 435</b>				
Sample ID	Sample Results	Yes	No	Result (Pass/Fail)
Mud Sample 1	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	PASS
Mud Sample 2	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	PASS
	Does Mud Sample 1 result agree with Mud Sample 2 result?	X		PASS
<b>Results above are acceptable if Mud Sample fluoresces less than positive control, and Mud Sample 1 agrees with Mud Sample 2.</b>				
	Quality Control Results	Yes	No	Acceptable? (Yes/No)
	Does Reagent Blank (RB) fluoresce?		X	YES
	Mud Sample fluoresces less than positive control?	X		YES
	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	YES
	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	YES
<b>Quality control results are acceptable if all answers are "Yes".</b>				
<b>Comments:</b> 12.9ppg Rheliant mud. Sample taken on the shakers (before the degasser) – 6.5% gas				
Analyst Signature:	<i>Gabriel O.W. Andrade</i>	Date:	29-05-13	



**Reverse Phase Extraction (RPE) Method for Detection of Oil Contamination in Non-Aqueous Drilling Fluids (NAF)**

Figure 1

RPE Analytical Report Certificate of Analysis				
Operator:	Perenco	Area and Block:	Caju Well	
OCS-G Number:	Offshore Brazil	Rig Name:	Diamond – Ocean Star	
Collection Date:	29-May, 2013	Collection Time:	2:20 hrs	
Analysis Date:	29-May, 2013	Analysis Time:	2:25 hrs	
Analyst:	Gabriel	Permit Number:		
<b>Method Reference: Appendix 6 to Subpart A of Part 435</b>				
Sample ID	Sample Results	Yes	No	Result (Pass/Fail)
Mud Sample 1	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	PASS
Mud Sample 2	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	PASS
	Does Mud Sample 1 result agree with Mud Sample 2 result?	X		PASS
<b>Results above are acceptable if Mud Sample fluoresces less than positive control, and Mud Sample 1 agrees with Mud Sample 2.</b>				
	Quality Control Results	Yes	No	Acceptable? (Yes/No)
	Does Reagent Blank (RB) fluoresce?		X	YES
	Mud Sample fluoresces less than positive control?	X		YES
	Mud Sample 1 fluoresces equal to or greater than the positive control?		X	YES
	Mud Sample 2 fluoresces equal to or greater than the positive control?		X	YES
<b>Quality control results are acceptable if all answers are "Yes".</b>				
<b>Comments:</b> 12.6 ppg Rheliant mud. Bottoms Up Sample taken on the shakers (before the degasser) – 35.5% gas				
Analyst Signature:	<i>Gabriel O. O. Lindrock</i>	Date:	29-05-13	