

 SOP No:

 Date:
 11-Jul, 2013

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

		Figu	ire 1			
		RPE Analy	tical Report			
		Certificate	of Analysis			
Operator: Perend		:0	Area and Block:		Dende Well	
OCS-G Number:	Offsho	re Brazil	Rig Name:		Diamond – Ocean Star	
Collection Date:	11-July, 2013		Collection Time:		21:00 hrs	
Analysis Date:	11-July, 2013		Analysis Time:		21:00 hrs	
Analyst:	nalyst: Jason Brooks		Permit Number:			
	Me	thod Reference: Append	ix 6 to Subpa	art A of I	Part 435	;
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?			Х	PASS
		Does Mud Sample 1 result agree with Mud Sample 2 result?		X		PASS
Results above are	acceptab	le if Mud Sample fluoresces les Sam	ss than positive ple 2.	control, a	nd Mud S	ample 1 agrees with Mud
		Quality Control R	lesults	Yes	No	Acceptable? (Yes/No)
		Does Reagent Blank (RB) fluor	esce?		X	YES
		Mud Sample fluoresces less that	an positive	X		YES
		control?				•
		Control? Mud Sample 1 fluoresces equal than the positive control?	to or greater		x	YES
		Mud Sample 1 fluoresces equal			X X	YES
		Mud Sample 1 fluoresces equal than the positive control? Mud Sample 2 fluoresces equal than the positive control? Quality control results are accord	to or greater eptable if all ans		X Yes".	YES
Comments: 9.5 ppg R Analyst Signature		Mud Sample 1 fluoresces equal than the positive control? Mud Sample 2 fluoresces equal than the positive control?	to or greater eptable if all ans		X Yes".	YES

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

		FIQ	gure 1				
		RPE Analy	tical Report				
		Certificate	of Analysis				
Operator: Perenc		0	Area and Blo	Area and Block:		Dende Well	
OCS-G Number:	Offshore Brazil		Rig Name:		Diamond – Ocean Star		
Collection Date:	2-Aug, 2013		Collection Time:		14:00 hrs		
Analysis Date:	2-Aug, 2013		Analysis Time:		14:30 hrs		
Analyst:	Jody L	ane	Permit Num	ber:			
	Me	ethod Reference: Append	ix 6 to Subpa	art A of I	Part 43	5	
Sample ID		Sample Results		Yes	No	Result (Pass/Fail)	
Mud Sample 1		Mud Sample 1 fluoresces equal to or greater than the positive control?			Х	PASS	
Mud Sample 2		Mud Sample 2 fluoresces equal to or greater than the positive control?			Х	PASS	
		Does Mud Sample 1 result agre Sample 2 result?	ee with Mud	X		PASS	
Results above are	acceptab	Does Mud Sample 1 result agree Sample 2 result? Ie if Mud Sample fluoresces les			nd Mud		
Results above are	acceptab	Does Mud Sample 1 result agree Sample 2 result? Ie if Mud Sample fluoresces les	ss than positive ple 2.		nd Mud		
Results above are	acceptab	Does Mud Sample 1 result agre Sample 2 result? Ie if Mud Sample fluoresces les Sam	ss than positive ple 2. Results	control, a		Sample 1 agrees with Mud Acceptable?	
Results above are	acceptab	Does Mud Sample 1 result agre Sample 2 result? Ie if Mud Sample fluoresces les Sam Quality Control R	esce?	control, a	No	Sample 1 agrees with Mud Acceptable? (Yes/No)	
Results above are	acceptab	Does Mud Sample 1 result agre Sample 2 result? Ile if Mud Sample fluoresces less Sam Quality Control R Does Reagent Blank (RB) fluore Mud Sample fluoresces less that	es than positive ple 2. Results esce? an positive	Control, an	No	Sample 1 agrees with Mud Acceptable? (Yes/No) YES	
Results above are	acceptab	Does Mud Sample 1 result agre Sample 2 result? Ie if Mud Sample fluoresces les Sam Quality Control R Does Reagent Blank (RB) fluore Mud Sample fluoresces less that control? Mud Sample 1 fluoresces equa	esce? an positive I to or greater	Control, an	No X	Sample 1 agrees with Mud Acceptable? (Yes/No) YES YES YES	
Results above are	acceptab	Does Mud Sample 1 result agre Sample 2 result? Ile if Mud Sample fluoresces less Sam Quality Control R Does Reagent Blank (RB) fluore Mud Sample fluoresces less that control? Mud Sample 1 fluoresces equa than the positive control? Mud Sample 2 fluoresces equa	esce? an positive I to or greater	Yes	NoXXXX	Sample 1 agrees with Mud Acceptable? (Yes/No) YES YES YES YES	
		Does Mud Sample 1 result agre Sample 2 result? Ile if Mud Sample fluoresces less Sam Quality Control R Does Reagent Blank (RB) fluore Mud Sample fluoresces less that control? Mud Sample 1 fluoresces equa than the positive control? Mud Sample 2 fluoresces equa than the positive control?	esce? It o or greater It o or greater It o or greater	Control, and Yes	No X X X Yes".	Sample 1 agrees with Mud Acceptable? (Yes/No) YES YES YES YES YES	