

From: Pere, Allen L
Sent: Wed Jun 09 22:15:07 2010
To: Corser, Kent
Subject: FW: Subsurface Technical Memo
Importance: Normal
Attachments: MC252 Subsurface Technical Memo v1.ZIP

FYI
Allen Pere
BtBcp Lead
EPT - Drilling & Completions
Office: 281-366-0278
Cell: 281-615-2078

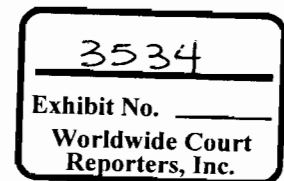
From: McAughan, Kelly
Sent: Wednesday, June 09, 2010 9:53 AM
To: Pere, Allen L; Skripnikova, Galina
Subject: Subsurface Technical Memo

<<...>>

From: Pere, Allen L
Sent: Tuesday, June 08, 2010 2:32 PM
To: Skripnikova, Galina; McAughan, Kelly
Subject: RE: Request: 14.1 sand potenial
Wednesday will be fine.
Thanks
Allen Pere
BtBcp Lead
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From: Skripnikova, Galina
Sent: Tuesday, June 08, 2010 2:25 PM
To: Pere, Allen L; McAughan, Kelly
Subject: RE: Request: 14.1 sand potenial

Allen,
If it's urgent we can meet now. I will show you my interpretation and answer your questions.
Otherwise - see you tomorrow.
Thanks,
Galina



CONFIDENTIAL

BP-HZN-BLY00105592
BP-HZN-BLY00105592

From: Pere, Allen L

Sent: Tuesday, June 08, 2010 2:23 PM

To: McAughan, Kelly; Skripnikova, Galina

Subject: RE: Request: 14.1 sand potencial

Sounds good, I had access but will call if I can't get in.

Thanks

Allen Pere

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From: McAughan, Kelly

Sent: Tuesday, June 08, 2010 2:21 PM

To: Skripnikova, Galina

Cc: Pere, Allen L

Subject: RE: Request: 14.1 sand potencial

Galina, I'm out this afternoon. My baby is [REDACTED] but I will be there in the morning (my husband and I switch half days).

Allen is it okay for you to come over to WL4 2nd floor tomorrow morning say 8ish??

I don't know if you have access to the floor. You can call me - there is a directory and phone at the elevators on 2.

Thanks,

Kelly

From: Skripnikova, Galina

Sent: Tuesday, June 08, 2010 2:16 PM

To: McAughan, Kelly

Cc: Pere, Allen L

Subject: RE: Request: 14.1 sand potencial

Kelly,

I can do tomorrow. I think you may better come here and look at the data. I am in today as well. Let me know if you want to have look today.

Thanks,

Galina

From: McAughan, Kelly

Sent: Tuesday, June 08, 2010 1:37 PM

To: Skripnikova, Galina

Subject: FW: Request: 14.1 sand potencial

Galina,

Would 8:00 be good tomorrow to meet with these guys on the investigation? I won't

respond to them until I hear back from you.

Thanks,

Kelly

From: Pere, Allen L.

Sent: Tuesday, June 08, 2010 1:35 PM

To: McAughan, Kelly

Cc: Corser, Kent

Subject: RE: Request: 14.1 sand potenial

Kelly,

That is a good time, it would be good to bring the petrophysicist.

Thanks

Allen Pere

BtBcp Lead

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From: McAughan, Kelly

Sent: Tuesday, June 08, 2010 12:57 PM

To: Pere, Allen L

Cc: Corser, Kent

Subject: RE: Request: 14.1 sand potenial

Allen,

I'm at home this afternoon with a sick baby but will be in the office tomorrow morning. Can we meet then? Would you like me to bring the petrophysicist too?

Kelly

From: Pere, Allen L

Sent: Tuesday, June 08, 2010 11:33 AM

To: McAughan, Kelly

Cc: Corser, Kent

Subject: FW: Request: 14.1 sand potenial

Kelly,

Do you have time this week to discuss the sands in the production interval of the Macondo well. I have question around the three sand that are in **Bold red**.

Thanks

Allen

Top of Sand MD Depth	Bottom of Sand MD Depth	Top of Sand TVDSS Depth	Bottom of Sand TVDSS Depth	Fluid Content	Expected to flow (Used in Modeling)	Sand Name
		Feet	Feet	Feet	Feet	
12030.0	12246.0	11945.0	12161.0	Gas	Yes if Liner Leak	S023
13227.2	13230.2	13141.6	13144.6	Gas	Yes if Liner Leak	S026
		LINER	17168.0		17157.0	

14.2	17467.0	17469.0	17381.1	17383.1	Gas	Yes	M57B
14.1	17700.0	17708.5	17614.1	17622.6	Uncertain	No	M57C
13.07	17804.0	17806.5	17718.1	17720.6	Oil or Gas	Yes	M56A
	17975.5	17989.5	17889.6	17903.6	Brine	No	M56B
	18030.0	18032.0	17944.1	17946.1	Brine	No	M56C
12.6	18067.0	18089.0	17981.1	18003.1	Oil	Yes	M56D
12.6	18120.0	18191.0	18034.1	18105.0	Oil	Yes	M56E
12.6	18217.5	18238.5	18131.5	18152.5	Oil	Yes	M56F

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From: Corser, Kent
Sent: Monday, June 07, 2010 5:42 PM
To: MC252_Email_Retention; Corser, Kent; Knudsen, Torben; McKay, Jim; Pere, Allen L; Renter, Stephen; Winters, Warren J
Subject: FW: Request: 14.1 sand potenial

Kent Corser
 Drilling Engineering Manager NAG
 BP America Inc
 510 Westlake Park Blvd Room - 2.332A
 Houston Texas 77079
 Office- 281-366-2142
 Cell - 281-433-0093
 Home - 281-578-3224

From: McAughan, Kelly
Sent: Saturday, June 05, 2010 8:40 AM
To: Corser, Kent
Cc: Ritchie, Bryan
Subject: RE: Request: 14.1 sand potenial

Our petrophysicist deemed the sand at 17700' MD not to have hydrocarbons.
 Possible brine filled. The perm & porosity is low 1 to 5 md and less than 9% porosity.
 I attached a spreadsheet that has the description of all the sands below the 9 7/8" liner. Hopefully this will help you guys. Let me know if you need anything else.

Kelly
 << File: MC252-1 Sand Description v2.xls >>

From: Corser, Kent
Sent: Saturday, June 05, 2010 8:24 AM
To: McAughan, Kelly; Corser, Kent
Subject: Request: 14.1 sand potenial

Kelly - Can you provide comment regarding the sand that was measured with the PWD tool (14.1 ppg).

Questions:

1. Are there any hydrocarbons?
2. Is the sand capable of flow?
3. What are the properties of the sand (perm, porosity etc.)

We are trying to make a judgment on what started to flow first and need to determine if this sand has potential.

Kent Corser

Drilling Engineering Manager NAG

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