

From: Dobbs, Sarah
Sent: Tue Mar 09 16:30:29 2010
To: Zamorouev, Alexander V; PINEDA, FRANCISCO
Subject: RE: Schlunberger Wireline Sonic
Importance: Normal

Sasha -

It would be nice to have, but for \$86,000 and rig time, we can't justify it. The DSI has enough detail for what we need for the frac design.

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From: Zamorouev, Alexander V
Sent: Monday, March 08, 2010 12:55 PM
To: Dobbs, Sarah; PINEDA, FRANCISCO
Subject: FW: Schlunberger Wireline Sonic

Sarah, Francisco,

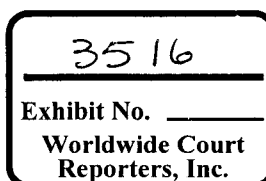
Below is a request from Galina, petrophysicist with the Macondo well. Any input on the sonic tool that can give you more information for completion?

Thank you!

Sasha Zamorouev
Pompano/Mica Geophysicist
GOM DWP, BP Houston
281-366-5344
1943C WL4

From: Skripnikova, Galina
Sent: Monday, March 08, 2010 8:10 AM
To: Zamorouev, Alexander V
Cc: Nguyen, Binh Van; Bondurant, Charles H; Hornby, Brian; Bodek, Robert; Ritchie, Bryan
Subject: FW: Schlunberger Wireline Sonic

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BP-HZN-2179MDL00028810

Sasha,

Can you please forward the email to completion people who will be interested in wireline sonic deliverables and quality.

We have an option to run DSI or Sonic Scanner. The second is \$86,000 more expensive.

Usually in GOM we run DSI tool and as I guess quite happy with the results. We ran Sonic Scanner on Kodiak 2 only but as I was told nobody has analyzed Sonic Scanner advantages yet.

Please find responses I got for my posted question about the advantages (1 from Oman and 2 from Trinidad - see below). There are also two good articles on Sonic Scanner attached. Long story short: Sonic Scanner is a new generation of DSI with deeper depths of investigation - reading un-altered by drilling and mud invasion rocks - more accurate measurements and anisotropy understanding.

To run Sonic Scanner on Macondo I need support from completion and seismic users of sonic data.

Thank you in advance.

Best regards,

Galina

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Dear cCLIPS user,

A new Response has been posted by John Hassall to the following question that you have asked:

Schlumberger Wireline Sonic

To view this Response please click [here](#)

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From: Elliott, Robert L (ANC)

Sent: Friday, February 19, 2010 10:32 AM

To: Skripnikova, Galina

Cc: Williams, John

Subject: FW: Schlumberger Wireline Sonic

Hi Galina,

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BP-HZN-2179MDL00028811

We have routinely run SonicScanner through openhole and cased hole intervals for well tie, geomechanics, and rock properties work in Trinidad. We have them across 5 key wells and the data quality, including azimuthal anisotropy, has been excellent. There is, of course, a lower signal/noise in the cased hole and some occasional loss of shear data but the SonicScanner definitely represents an improvement over the DSI in this regard.

I was able to get Schlumberger Trinidad to offer a proposed mapping of the new SORAC codes to the old Answer Products. I've attached this table (with the prices removed) and this might help you decide what you're getting as a starting point. Keep in mind this may not be binding outside Trinidad but I thought the mapping relative to the SORAC costs looked reasonable. We only ran the Expert service in Trinidad - no need for Advanced which were considerably more expensive.

I've also included a deliverables table that I had worked out with SLB - the upper table includes all the curves I would expect in the final LAS file. All of those and the ones in the lower table make it into the final DLIS file. This doesn't include the anisotropy curves which we didn't initially request for this particular well.

(I'm replying outside of eCLIPS since I'm discussing contractual rather than technical issues).

Regards,

Rob

From: sswCLIPS@bp.com [mailto:sswCLIPS@bp.com]

Sent: Thursday, February 18, 2010 6:15 PM

Subject: Schlunberger Wireline Sonic

Dear eCLIPS user,

A new question has been asked by Galina Skripnikova on Petrophysics, Operational Petrophysics. To respond, or view, this question including any attachments click on the link below.

View Question/Post Response Add to myCLIPS

For explorer users please cut and paste the following into a suitable web browser;

<http://oa.bpweb.bp.com/eClips5/question/vquestion.aspx?pg=question/question.aspx&forumId=118&category=814&subject=3919&question=93266>

Click [here](#) to reply offline via email

Question

Schlunberger Wireline Sonic

Hello,

Has anyone got any experience of advances of running Sonic Scanner in Advanced Mode (SORAC WL-OH-0082-ETX-001288_OPER) over Sonic-Advanced (WL-OH-0080-ETX-001281_OPER).

The second can be run with using DSI or Sonic Scanner. Is there any preferences as well?

We run sonic for rock properties and completion studies.

Thank you,

Galina

Do you know someone else who may be able to answer this, if so please forward this email to them.
This email has been sent to the following distribution lists
G BPA Petrophysics

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