

**From:** Skripnikova, Galina  
**Sent:** Mon Feb 22 16:09:30 2010  
**To:** Bodek, Robert; Bondurant, Charles H  
**Cc:** Ritchie, Bryan; Nguyen, Binh Van; Tadepalli, Sharma V  
**Subject:** Macondo Sonic Scanner Mode  
**Importance:** Normal  
**Attachments:** sonic\_scanner\_deliverables.ZIP

Bobby,

I am quite convinced we should run this mode of Sonic Scanner: Advanced service (WL-OH-0080).  
Do you want to let Carl know yourself?

Robert Elliot sent me nice deliverables table (attached) worked out with Schlumberger. We can pass it to Carl too.

Who is our completion point of contact? I would like them to look at the table to make sure we get everything they will need as well.

Cheers,

Galina

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**From:** Elliott, Robert L (ANC)  
**Sent:** Friday, February 19, 2010 12:30 PM  
**To:** Skripnikova, Galina  
**Subject:** RE: Schlunberger Wireline Sonic

Galina,

Oh yes, sorry for the typo. We only ran the Advanced service (OH-0080) and, you're right, the Expert service was double the cost. The presentations on the Expert features were pretty techy and impressive - maybe far more applicable in difficult completions studies in tight & fractured rocks. We only had high-porosity shelf edge deltaic sands which we would complete with openhole gravelpacks.

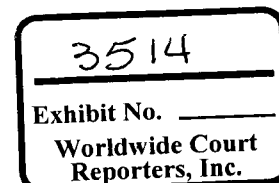
Regards,

Rob

**From:** Skripnikova, Galina  
**Sent:** Friday, February 19, 2010 8:12 AM  
**To:** Elliott, Robert L (ANC)  
**Subject:** RE: Schlunberger Wireline Sonic

Rob,

Thank you very much! Especially for all the material you sent.



I think I am a bit confused with the names of the modes - Expert vs. Advanced.

Is it what you run?

OH- Advanced	WL-OH-0 080	DSI or SONIC-SCAN -P/S-Light	DT Compressional, DT Stonely from Monopole; DT MPF, P/S, Shear Shear from Dipoles	BHC, LSS, MPN, Anisotropy
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OR

OH-Exper t	WL-OH-0 082	Sonic Scanner Advanced Answer	DT Compressional, DT Stonely from Monopole; DT MPF, P/S, FAM, FS, Shear from Dipoles	BHC, LSS, MPN, FRAC, RES, MP, CA, CP
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When I look at my Sorac prices the second (Expert) is almost twice more expensive than first (Advanced). In your email it is opposite: We only ran the Expert service in Trinidad - no need for Advanced which were considerably more expensive.

Thank you again.

Best regards,

Galina

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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,

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://oe.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

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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

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