



Well Intercept Sub-Committee eBook Revision 4 Update

Benny Poedjono, Jamie Dorey



Wellbore Positioning Technical Section



Benny Poedjono

Retired, Emeritus, PTE Senior Advisor Wellbore Positioning, Ranging, Interception and Relief Well Operations 



Jamie Dorey

Global Ranging Operations Manager, **Scientific Drilling International**





59th

- Revision 4, 70%
- Technical Writer
- SME Volunteers
- Reader Volunteers

| WELL INTERCEPT SUB-COMMITTEE

Mission

Develop good practice in well interception scenarios and promote its adoption in the well construction industry.

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- In line with WISC mission, the main objective; to actively disseminate the **knowledge sharing** of well-intercept good practices for the industries and **academia**.
- WISC eBook is one of the most downloaded document for the industry and academia that would require continuous update in order to be relevant (Revision 4).

WISC eBook R4 – Tech Writer Approval



The Industry Steering Committee on Wellbore Survey Accuracy (ISCWSA)

Proposal for eBook Revision 4 writer

SPE Wellbore Positioning Technical Section

Presented on January 22, 2024

Introduction

The following is a proposal from Rick Von Flatern, 507 Mountain View Drive, Horseshoe Bay, Texas 78765 to the SPE Wellbore Positioning Technical Section to act as writer and editor of revision 4 of the Well Intercept Sub-Committee (WISC) eBook.

Scope of Work

As writer/editor, Rick Von Flatern, will review and edit all material submitted by volunteer SME (subject matter experts) for writing, and consistent style and language throughout the *WISC eBooks Revision 4*.

The writer will also be available to advise SMEs and the team on content creation and attend in-person meetings when deemed necessary by the team leader.

The works divided into 2 Phases; Phase#1 and Phase#2 with the details are outlined in the cost estimate. The estimated hours are for the budgetary purpose only, it could be shorter, however the team should maintain within the allocated budget.

Deliverables

The following breakdown specifies those sections of text for which the writer is responsible along with the estimated hours and charges for same. The writer will correct text, including for graphics, for grammar, syntax, spelling, clarity, etc. to ensure creation of a publishable-quality product.

In addition, reasonable other expenses; travel and outsource services (graphics), as per agreement of the team leader, will be billed to the project when applicable.

WISC eBook Revision 4 - Technical Writer Cost Estimate

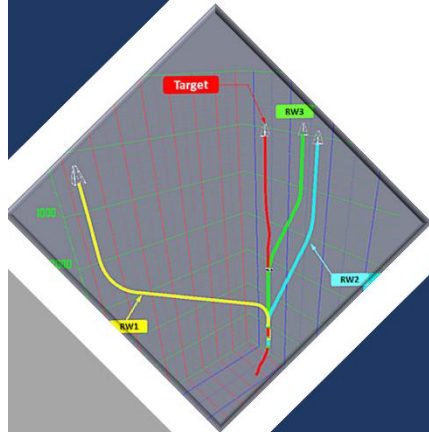
No.	Chapter	Description	Hourly Cost (\$)	Estimate (Hrs.)	Cost Estimate (\$)
1		Version 3 Feedbacks	\$ 110.00		
	3.2.5.1	To add wireline cable specifications		2	\$ 220.00
	7.2.1	Rewrite. Make generic measured point distance to bit		6	\$ 660.00
	7.2.2	Rewrite. Make generic measured point distance to bit		6	\$ 660.00
	8	Figure 82 and explanation. Rewrite		4	\$ 440.00
	1.2	Change to 3D Wellbore Positioning		4	\$ 440.00
	8	Change, adding 3D Wellbore Positioning details		4	\$ 440.00
	9.4.1	Add U-Tube details		4	\$ 440.00
1a		Workshop/Conference Call		12	\$ 1,320.00
2		New Addition			
	Appendix	Surface Intervention		14	\$ 1,540.00
2a		Workshop/Conference Call		12	\$ 1,320.00
3		New Addition/Update			
	1.3	Acoustic Ranging		2	\$ 220.00
	5	Acoustic Ranging		12	\$ 1,320.00
3a		Workshop/Conference Call		8	\$ 880.00
Total Phase #1				90	\$ 9,900.00
4		New Addition/Update			
	2.6	Passive Magnetic Ranging processing utilize 3D Distribution Technique		12	\$ 1,320.00
4a		Workshop/Conference Call		8	\$ 880.00
5		New Addition			
	1.5	Advanced Geothermal System		2	\$ 220.00
	1.6.10	Details of Advanced Geothermal System		22	\$ 2,420.00
5a		Workshop/Conference Call		14	\$ 1,540.00
Total Phase #2				58	\$ 6,380.00
Total Phases				148	\$ 16,280.00

WISC eBook Rev 4 – Cover Logo



The Industry Steering Committee on
Wellbore Survey Accuracy (ISCWSA)

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**ISCWSA: WELL INTERCEPT
SUB-COMMITTEE eBOOK R4**

Wellbore Ranging Technologies, Intercept, Applications and Good Practices

Does this policy mean that members have to get Board approval every time they want to use the SPE name/logo?

No. In fact, we want members to use the SPE name and logo in their official SPE activities and communications. “Official” activities include all regular section/chapter activities, including recurring joint meetings with the local sections/chapters of other associations, social events (like golf tournaments), and promotional items (like shirts).

When do members need to get Board approval to use the SPE name/logo?

Board approval is required for the use of the SPE name or logo as a sponsor, cosponsor, endorser, or supporter of any event not organized by SPE. The SPE Meetings Policy has helpful information about approvals.

Similarly, Board approval is required to lend SPE’s name or logo to print or electronic publications produced by any organization other than SPE. SPE’s Guidelines for Section Websites provide clear parameters for using the SPE name and logo.

Volunteer to reviewer the text?

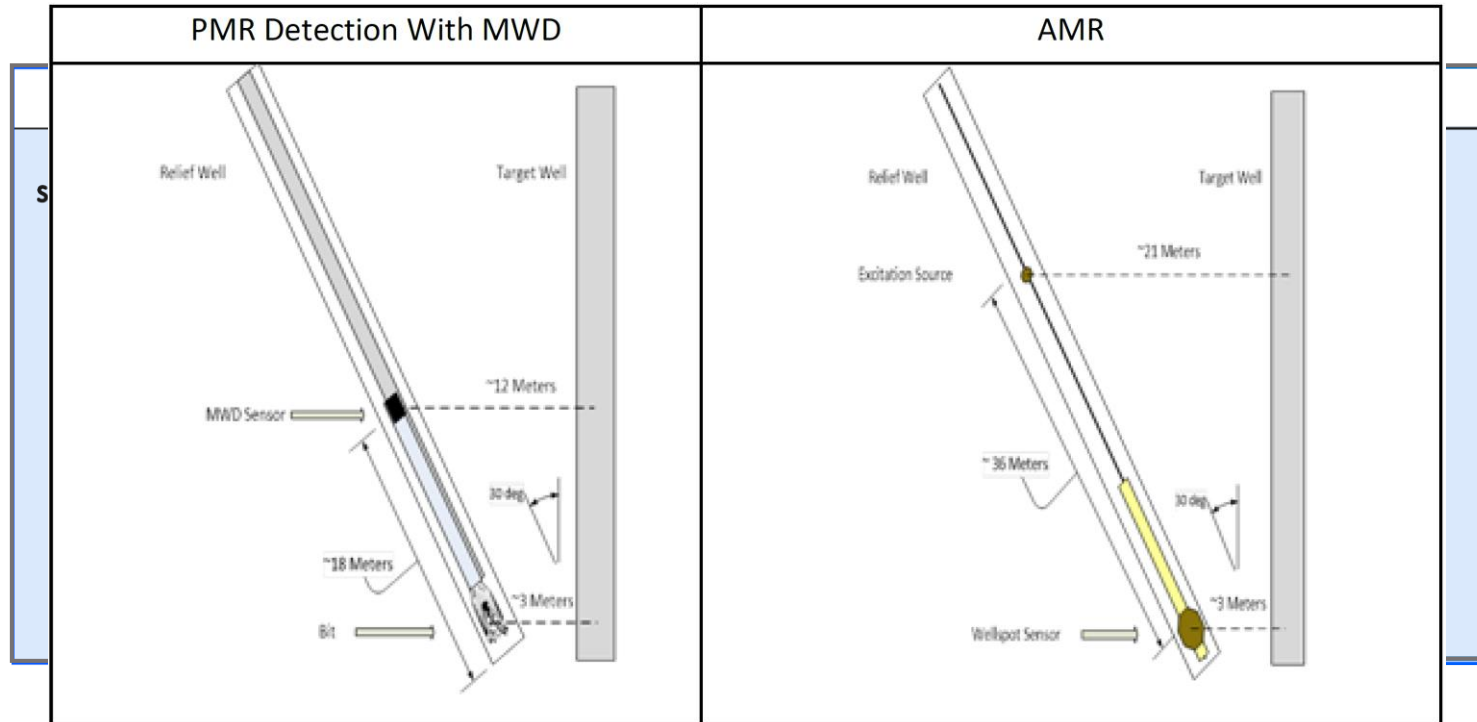
The work

1. Incorporate Version 3 feedbacks – 95%
 - Diagram updates – more clarity and better text.
2. Surface Intervention – 100%
 - As an Appendix
3. Active Acoustic Ranging – 95%
 - General Principle, Applications and Automated Processing
4. Passive Magnetic Ranging – 30%
 - 3D Distribution Technique
5. Multiple Ranging Technologies application – 30%
 - Update and new
6. Ranging Technology Summary Table – 95%
 - Updated, add ARR
7. Ranging Conveyance – 60%
 - Drill Pipe, Coil Tubing and Wireline

Addition

1. Section 8.1.3, Digitalization. Digitalization is a key to streamline the data sharing, collaboration and decision making process – 10%
2. Section 8.4.1.6, Managing 3D Positional Uncertainty (Replace Figure 82) – 95%
3. Expand to include Advance Geothermal System (AGS) – 30%

7.2 Incident Angle – New Graphic



Appendix (Page 116) – 100%

A.1 Surface Intervention



Figure A1— Deepwater Horizon blow out in Gulf of Mexico, April 20, 2010

59th General Meeting
17th & 18th of April 2024
Glasgow



Wellbore Positioning Technical Section



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Q&A