



Well Intercept Sub-Committee eBOOK Revision 4

16th April 2026

Benny Poedjono, Jamie Dorey



Benny Poedjono

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



Jamie Dorey

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

63rd

- Revision 4 - 100%
- Under Budget

- eBook Launch
(website will be updated afterward)

WELL INTERCEPT SUB-COMMITTEE

Mission

Actively disseminate the **knowledge sharing** of well-intercept good practices for the **industries** and **academia**.



1. **Incorporate Version 3 feedbacks**
 - Diagram updates – more clarity and better texts.
2. **Surface Intervention**
 - As an Appendix
3. **Active Acoustic Ranging**
 - General Principle, Applications, Automated Processing and Multiple Offset Environment.
4. **Passive Magnetic Ranging (expanded)**
 - Section 2.8, PMR 3D Processing Technique
 - PMR Processing
5. **Multiple Ranging Technologies application**
 - Update and new
6. **Ranging Technology Summary Table**
 - Updated, add ARR
7. **Ranging Conveyance**
 - Drill Pipe, Coil Tubing and Wireline

8. Introduction

- Section 1.6.10, Advanced Geothermal System

9. Digitalization: Key to streamline the data sharing, collaboration and decision-making process

- Section 8.1.3, Digitalization

10. Planning Phase

- Section 8.4.1.6, Managing 3D Positional Uncertainty (Replaced old Figure 82)

11. Milling

- Section 9.2.3, Updated, added Concave Mill

12. eBook comprehensibility from beginning to the end

- American English and other English dialects (ex: written by non-native speaker)

13. eBook graphics

- Complement the text and help understanding of the subject

14. Final Draft Feedback

1. PMR – Add statement that metallic tubular (BHA, Casing or drill pipe) must be present in the target borehole.
2. Section 2.6.4 Magnetized Casing to Improve PMR – Add statement that magnetized casing is the same technique as residual magnetization therefore it classified as PMR.
3. Section 8.5.1 Gyro Survey Requirements – Add new paragraph, discussion on while drilling magnetic ranging deployment and GWD relative position in the BHA.
4. Section 1.2 Magnetic Ranging Techniques – rewrite, remove Acoustic Ranging text
5. Section 1.3 Acoustic Ranging Techniques – rewrite, remove Magnetic Ranging text

15. Final Review

1. Completed – Printed Hard Copy

16. eBook R4 Launch

1. April 2026

WISC eBook R4 – Budget vs Spending



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	Cost Estimate
1		Version 3 Feedbacks			
	3.2.5.1	To add wireline cable specifications			
	7.2.1	Rewrite. Make generic measured point distance to bit			
	7.2.2	Rewrite. Make generic measured point distance to bit			
8		Figure 82 and explanation. Rewrite			
	1.2	Change to 3D Wellbore Positioning			
	8	Change, adding 3D Wellbore Positioning details			
	9.4.1	Add U-Tube details			
1a		Workshop/Conference Call			
2		New Addition			
	Appendix	Surface Intervention			
2a		Workshop/Conference Call			
3		New Addition/Update			
	1.3	Acoustic Ranging			
	5	Acoustic Ranging			
3a		Workshop/Conference Call			
4		New Addition/Update			
	2.6	Passive Magnetic Ranging processing utilize 3D Distribution Technique			
4a		Workshop/Conference Call			
5		New Addition			
	1.5	Advanced Geothermal System			
	1.6.10	Details of Advanced Geothermal System			
5a		Workshop/Conference Call			
				22	\$ 2,420.00
				14	\$ 1,540.00
Total Phase #2				58	\$ 6,380.00
Total Phases				148	\$ 16,280.00

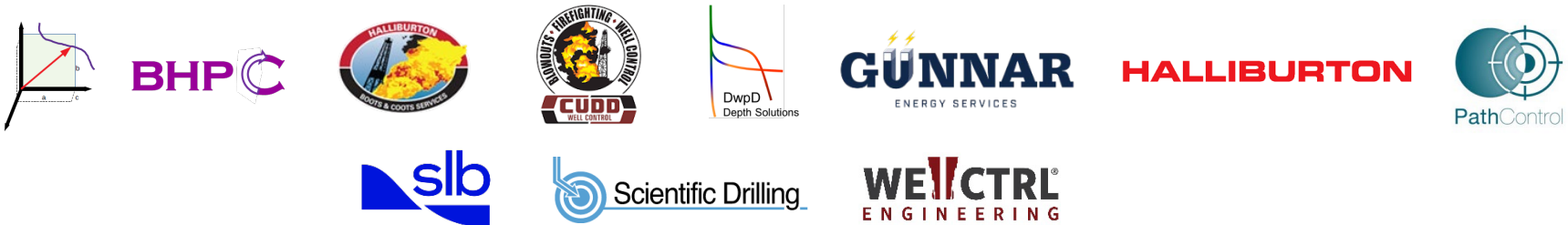
- **WISC eBook R4 – 2026**
- **Budget vs Spending**
≈ \$ 16,280 vs \$15,210
- **One-year FlippingBook (\$565)**
for 5 Documents
- **Hard Copy printing**
≈ \$ 350
- **Total Under Budget**
- **Saving ≈ \$ 1,070**
- **Inhouse graphics and technical editors then Technical Writer**
- **Sponsorship**
 1. Face-to-face collaboration
 2. Graphics; new and editing

Fourth revision team;

Adam Donald, AnaS Sikal, Arash Haghshenas, Asbjørn L. Johansen, Benjamin Nobbs, Benny Poedjono, Brett Van Steenwyk, Clinton Moss, Dan Eby, Denis Reynaud, Diago Salim, Ethan Poedjono, Fabien Momot, Georgy Rassadkin, Harald Bolt, Jamie Dorey, Jitesh Vij, John Hatteberg, Jordan Timbs, Ludovic Macresy, Luis Felipe Gonzalez, Mahmoud ElGizawy, Nicholas Zachman, Rick Von Flatern, Ted Hebert, Tyler Milford.

Fourth revision company contributors;

A&AT, BHPC, BOOTS and COOTS, CUDD, DwpD, GUNNAR, HALLIBURTON, PathControl, SLB, Scientific Drilling and WELLCTRL



The SPE WPTS/ISCWSA
Well Intercept Sub-Committee is proud
to announce the official release of
the updated **Well Intercept eBook R4 (2026)**,
a comprehensive guide to good practices
and applications in wellbore ranging technologies
and interceptions

