

Well Intercept Sub-Committee eBOOK Revision 4 September 2024

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WELL INTERCEPT SUB-COMMITEE



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60th • Revision 4 - DRAFT • Reviewer Feedback • Web Publishing: FlippingBook

WELL INTERCEPT SUB-COMMITTEE

Mission

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

WISC eBOOK Rev 4 – in Review State



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Review Objectives

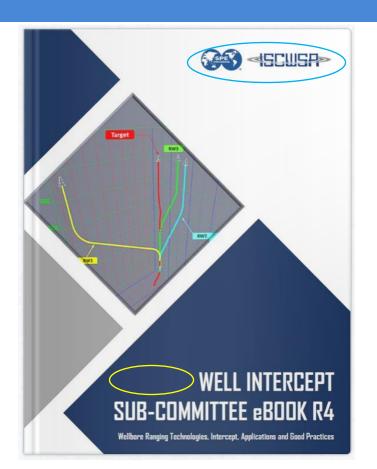
- Ensure comprehensibility. The document is based on American English and other English dialects (ex: written by non-native speaker)
- Graphics must complement the text and help understanding of the subject.

Naming WISC "eBOOK" (trade mark?)

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WISC eBook Rev 4 – Front and Back



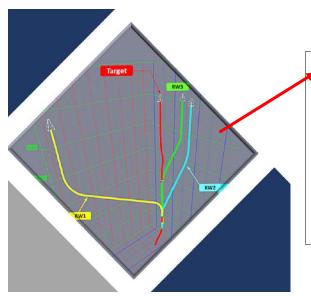




WISC eBook Rev 4 – Graphic



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✓ On the cover: Graphic illustrates a plan to intercept and control a target well (red) with two Relief Wells (yellow and blue). The plan for a third Relief Well (green) is included as a contingency well should the need arise.

All comments on this eBOOK, submissions or amendments should be directed to:

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WISC eBook Rev 4 – Acknowledgements





Acknowledgements

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First, second and third revision team;

Adam Row, Alan Gosse, AnaS Sikal, Avinash Ramjit, Benny Poedjono, Chad Hanak, Clinton Moss, Dan Eby, Dan Morrell, Denis Reynaud, Dzevat Omeragic, Geir Instanes, Heather Vannoy, James Towle, Jamie Dorey, Jim Woodruff, Joe Burke, John J. Beauregard, John Wright, Jose Patino Perez, Ludovic Macresy, Michael Long, Mo Amer, Nestor Sanchez, Nicholas Zachman, Patrick Knight, Patrick Walker, Pete Schiermeier, Phil Harbidge, Roger Goobie, Ross Lowdon, Ryan Zallas, Samer Alatrach, Sergey Shabanov, Shawn DeVerse, Son Pham, Tyler Milford and William Allen.

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Fourth revision team;

AnaS Sikal, Arash Haghshenas, Asbjørn L. Johansen, Benjamin Nobbs, Benny Poedjono, Brett Van Steenwyk, Clinton Moss, Dan Eby, Denis Reynaud, Fabien Momot, Harald Bolt, Jamie Dorey, John Hatteberg, Ludovic Macresy, Luis Felipe Gonzalez, Mahmoud ElGizawy, Nicholas Zachman, Rick Von Flatern, Ted Hebert.

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WISC eBook Rev 4 – Contributors



Contributors

This WISC eBOOK wouldn't be possible without companies' contribution willingness to release their knowledge, lessons learned, good practices, and proprietary documents. Thanks to the organization and members for their time and funding to bring all this knowledge together into one- publication for the industry and academia without restriction.



















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WISC eBOOK Rev 4 – The Work



- 1. Incorporate Version 3 feedbacks 99%
 - Diagram updates more clarity and better text.
- 2. Surface Intervention 100%
 - As an Appendix
- 3. Active Acoustic Ranging 95%
 - General Principle, Applications, Automated Processing and Multiple Offset Environment.
- 4. Passive Magnetic Ranging 50% (expanded)
 - Section 2.8, PMR 3D Processing Technique
 - PMR Processing
- 5. Multiple Ranging Technologies application 95%
 - Update and new
- 6. Ranging Technology Summary Table 95%
 - Updated, add ARR
- 7. Ranging Conveyance 95%
 - Drill Pipe, Coil Tubing and Wireline

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WISC eBOOK Rev 4 – The Work



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- 8. Introduction 99%
 - Section 1.6.10, Advanced Geothermal System
- 9. Digitalization: Key to streamline the data sharing, collaboration and decision making process 95%
 - Section 8.1.3, Digitalization
- 10. Planning Phase 50% (expanded)
 - Section 8.4.1.6, Managing 3D Positional Uncertainty (Replaced old Figure 82)
 - PMR Planning
- 11. eBOOK comprehensibility from beginning to the end 99%
 - American English and other English dialects (ex: written by non-native speaker)
- 12. eBOOK graphics 90%
 - Complement the text and help understanding of the subject

WISC eBOOK R4 – Budget vs Spending





16.280.00

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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.

			Hourly Cost		Estimate	Cost Estimate			
No.	Chapter	Description		(\$)	(Hrs.)		(\$)		
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 Rewrite. Make generic measured point distance to bit		Draft Completed					
			Waiting on Feedbacks						
	8	Figure 82 and explanation. Rewrite	Ш						
	1.2	Change to 3D Wellbore Positioning	Ш	• Belo	w hudge	t sn	ending		
	8	Change, adding 3D Wellbore Positioning details		• Below budget, spending ≈ \$ 15,000.00					
	9.4.1	Add U-Tube details	Ш						
1a		Workshop/Conference Call	Ш						
2		New Addition	Ш	SavingInhouse graphics and techni					
	Appendix	Surface Intervention	Ш						
2a		Workshop/Conference Call	Ш	odi	itor then	Tach	mical V	Vritor	
3		New Addition/Update					illicai v	viitei	
	1.3	Acoustic Ranging	Ш	• Sp	onsorshij	0			
	5	Acoustic Ranging	Ш	1. Face-to-face collaboration					
3a		Workshop/Conference Call	Ш	2 (One ment	h El	inning) ook	
			To	2.	One mont	.II FI	iphiligi	DUUK	
4		New Addition/Update	П						
	2.6	Passive Magnetic Ranging processing utilize 3D Distribution Technique			uire Web ppingBoo				
4a		Workshop/Conference Call						<i>'</i>	
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 Phases

WISC eBOOK R4 - Draft Publishing







WISC eBOOK R4 – Web Publishing



SPE WPTS Board Members to VOTE

- FlippingBook.com?
- Finance from the existing budget?

• IWP eBOOK?

