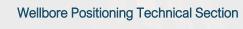
Activity Report

Industry Steering Committee on Wellbore Survey Accuracy Wellbore Positioning Technical Section

Carol Eve Mann Robert Wylie

50" General Meeting October 3rd, 2019 Calgary, Canada





Speaker Bio: Carol Mann

- WellArchitect® Software Product Manager
- Dynamic Graphics, Inc
- 30+ years in Oil and Gas disciplinary Software
- BS Geology
- MS
- 16
- 13 ye
- Apologies: Substitute: ROBERT WYLIE
 - onal Drilling Software
 - with the ISCWSA

Data courtesy of RMOTC and US DOE





Mission Statement:

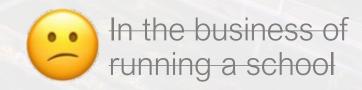
...is an advisory body dedicated to raising awareness of wellbore positioning practices and challenges within the drilling industry through workshops, webinars, ebooks, public lectures, and other media.

Wellbore Survey Accuracy

Wellbore Positioning Technical Section



An Advisory, Awareness Committee





Raising Awareness

- SPE ATCE ½ Day Special Sessions
 - 2019: Joint initiative: DSATS, WPTS, DETS, OGDQ
 - Automation of the Well Construction process: how far have we gone; how can we go further; is it worth it?
 - 2020: WPTS Special Session to be proposed:
 - Anti-collision g Technical Section
 - Role of Big Data / Analytics on Survey Management
 - Use as foundation for other education/outreach efforts throughout the year



Raising Awareness

Outreach

5

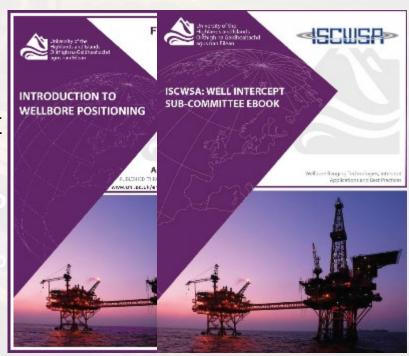
- Student outreach
 - Project to determine university programs
 - "Educate the Educator"
- Drillbotics Competition (DSATS)
 - Sponsorship Platinum Sponsorship approved (\$5k)
 - Involvement



Raising E-book Awareness

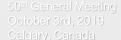
- Intro to Wellbore Positioning
 - Spanish version coming
- Wellbore Ranging Technologies, Intercept Applications, and Best Practices
 - Version 2 now available
 - Submit corrections / comments to <u>carol@dgi.com</u> / ing Technical Section <u>Roger.Goobie@bp.com</u> /

poedjono1@slb.com





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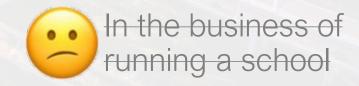
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- Special Thanks to the Entire Education Committee
- Coming regularly? Interested in making a difference?
 - Sign up with Carol website access
 - · Come join us!

Industry Steering Committee on

Wellbore Survey Accuracy

•Thank you!

