Education Subcommittee Activity Report

Industry Steering Committee on Wellbore Survey Accuracy Wellbore Positioning Technical Section

Carol Eve Mann

47th General Meeting April 11th, 2018 Inverness, Scotland



Speaker Bio: Carol Mann

- WellArchitect® Software Product Manager
- Dynamic Graphics, Inc.
 - 30 years in Oil and Gas Multi-disciplinary Software Solutions
 - BS Geology, Lafayette College
 - MS Geophysics, Stanford University
 - 15 years in Directional Drilling Software
 - 12 years with the ISCWSA





Education Subcommittee

What We Are...

 An Advisory, Awareness Committee What We're Not...

 In the business of running a school

What We Do...

 Raise Awareness through Workshops, Webinars, and....



- 2018 Distinguished Lecturer: Steve Sawaryn
- 2019 Distinguished Lecturer nomination: Steve Grindrod
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Distinguished Lecturer

Each year, SPE selects a group of professionals, nominated by their peers, to share their knowledge and expertise with SPE members through visits to local sections.

- Webinars
 - March 2018 Wellbore Ranging Technologies, Intercept, Applications and Best Practices
 - 2-3 2018
 - Reprise of 2016 "Estimating the Economic Impage Positioning Errors on Reservoir Recovery MagV
 - RP78 late 2018 / early 2019 (Pete Clark)
 - Suggestions? Email <u>carol@dgi.com</u> or <u>chad@superiorqc.com</u>



Benny Poedjono Schlumberger Petro-Technical Expert



Pete Schiermeier

Chad Hanak President, Superior OC



Global Technical Advisor, Survey Management/Survey/Ranging, Halliburton

- Topical Luncheons
 - 2017: SPE ATCE San Antonio
 - Sold out!
 - Varied Audience
 - 2018:
 - September: SPE ATCE Dallas
 - November: ADIPEC Abu Dhabi

SPE ATCE ½ Day Special Session (Tues pm)

7

• Joint initiative: DSATS, WBPTS, DETS, OGDQ

The Automation of Well Placement

Automated well placement is a key, high-value milestone achieving improved well quality for lower life-cycle cost. Success requires a cross-discipline solution...



Moderators: Jeff Moss, ExxonMobil / Ford Brett, Petroskills

8

- Panel Speakers:
 - Shauna Noonan, Oxy completions/production
 - Stefan Wessling, BHGE geoscience/geosteering/inversion
 - Geoff Downton, Schlumberger drilling and automation
 - Adrián Ledroz, Gyrodata wellbore positioning and accuracy
 - Ed Stockhausen, Chevron subsurface

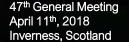


Applied Technology Workshops (ATWs)

- Previously: Four "Hits and Misses"
- Next up:
 - Targeting cross-disciplinary
 - How considering wellbore positioning impacts the bottom line
 - Small sub-group tasked with working towards making this happen: 2019/2020

SPE WORKSHOP





PowerPoint Slides

10

Signature

What is ISCWSA?

http://www.iscwsa.net/ (ISCWSA -- Industry Steering Committeering Commit (UHL Wellbore Positioning eBook -- an ISCWSA initiative)
SPE WPTS -- Wellbore Positioning Technical Section

156-258dc249882c (Wellbore Ranging / Intercepts eBook) https://www.uhi.ac.uk/en/wellbore-positioning-download http://www.iscwsa.net/download/4762c0a8-fa59-11e7-8

- Contact:



Produce and maintain standards relating to wellbore survey accuracy

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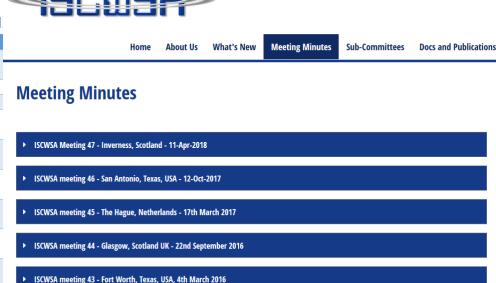
carol@dgi.com / chad@superiorqc.com



Website

- ISCWSA Website
 - "Pub Quiz" online
 - Categorize previous talks
 - 200+ presentations
 - Keywords



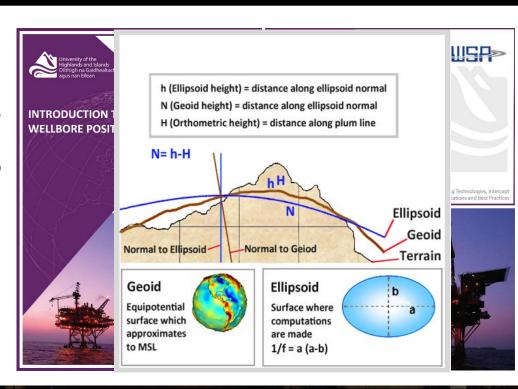


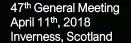
▶ ISCWSA meeting 42 - Houston, Texas USA 1st October 2015



Raising E-book Awareness

- Intro to Wellbore Positioning
 - Spanish version coming
 - Offer to translate to Chinese
- Wellbore Ranging Technologies, Intercept Applications, and Best Practices
- Postcards
- Student Outreach
- JPT Article







13

Educational Resources

- UHI Wellbore Surveying Competency Certification
 - 100 Students
 - At least 3 Operators now have in-house tutors
- UHI Hands-on School
 - Expected for Autumn 2018





The Education Subcommittee

- Coming regularly? Interested in making a difference?
 - Please join the Education Subcommittee!
- Special Thanks to:
 - All who volunteered...
 Your names are written down....
 - Mike Long
 - The Entire Education Committee

•Thank you!

