

Operator Wellbore Survey Group (OWSG)

San Antonio, Texas

October, 12th, 2017

Pete Clark

CVX ETC D&C DEU DD SME

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46th General
Meeting

October 12th, 2017
San Antonio, Texas



Wellbore Positioning Technical Section



The Industry Steering Committee on Wellbore
Survey Accuracy (ISCWSA)

OWSG Anti-Trust Statement

- We are meeting to help develop and promote good practices in wellbore surveying necessary to support oil and gas operations which enhance safety and competition.
- The meeting will be conducted in compliance with all laws including the antitrust laws, both state and federal. We will not discuss prices paid to suppliers or charged to customers nor will we endorse or disparage vendors or goods or services, divide markets, or discuss with whom we will or will not do business, nor other specific commercial terms, because these are matters for each company or individual to independently evaluate and determine.

46th General
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Wellbore Positioning Technical Section



OWSG Mission

- To promote practices that provide confidence that reported wellbore positions are within their stated uncertainty.

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Content

- API RP78 Update
- US Geomagnetism Capabilities
- Continuous Attitude Measurements
- Drilling Advisor Applications



API RP78 - Sections

- Anti-Collision – Steve Sawaryn
- Database – Jordan Meyer
- Directional Surveys Records – Jonathan Lightfoot
- Maps, Plots, Graphics & Reports – William Allen
- Operations/Executions – Ed Dew
- Planning/Engineering – Pete Clark
- Planning/Engineering to Operations/Executions Handover – Tin French
- Position Uncertainty Models – Will Tank
- Purpose – Lisa Grant
- QA/QC – Roger Goobie
- Software – William Allen
- Surface Location – Bert Kampes
- Survey Mathematics – Pete Clark
- Survey Program – Lisa Grant
- Terms & Definitions – Son Pham



API RP78 - Process

- Section completion in Technical Section
 - Review progress
 - Review content headers
- Integrate sections using content headers / summary
 - Reduction to summary
 - Content framework / Table of Content
- Gap identification & reallocation
 - Review & revise section content
- Document template
- Section content reduction, creating fit for purpose document
 - Remove educational content where practical
 - Donate to ISCWSA Education sub-committee
 - Detailed procedural information repository
 - RP78 Annex
 - API Bulletin – linked to RP78
 - Offers? Where do we put the stuff from the cutting room floor?
- Technical authorship / cohesive style / style guide



Other items...

- US Geo-magnetics Capability
 - Issue raised with BSEE, reviewing formal response
- Continuous Attitude Measurements
 - Variety of measures & qualities
 - Catalog generic measurements
- Drilling Advisor Applications
 - Generic term
 - Wellbore positioning v uncertainty



Thank you...

