The Path to Knowledge Transfer and Collaboration

Platforms for Connecting Results with Direction in a Changing E&P Landscape
Our Business

• Subsurface Teams Deployed Globally

• Diverse Portfolio
Context: Strategy and Value

3 Pathways

Value Navigator

E&P Strategy Transition

Quality Assurance
Goal

- Develop a common system for subsurface evaluations performed by asset teams throughout the global E&P business
  - Complementary with Value Assurance process

- *Subsurface Milestone & Deliverables (SMD)* designed to:
  - Provide guidelines for project management and stewardship
  - Define milestones for the delivery of technical products
  - Set standards for integrity of technical products
  - Emphasize timely collaboration, documentation and knowledge transfer
“Everything should be made as simple as possible, but not simpler.”
Next Steps

Workbook with Checklists

Milestones

Deliverables
The Problem

Content was good, but implementation was difficult

- Amount of material was overwhelming
- Products were dull
- User case was not compelling
- Delivery was awkward
- Maintenance was impossible
Inspiration

Popular Tablets
• compelling user interface designs

SMD
• Cover page graphic
The Concept

**Static**
- Milestones, deliverables, illustrated

**Interactive**
- Project Tracking and reporting

**Reports**
- Project
  - Milestone
  - Status
  - Documents
Technology Platform

Prospect Director™
Intelligent Technology. Smart Business.

Intranet Solution ...
✓ Scalable
✓ Secure
✓ Intelligent
✓ Configurable
✓ Fast

Technology Implementations Focused on ...
- Knowledge Management Systems/Bases
- Business Decision Support Systems
- Opportunity Inventories
- Ideas/Innovation Information Management
- Lead & Prospect Lifecycle Management

Leverages the following Standard Microsoft Technologies ...

- Windows® Internet Explorer® 9
- Microsoft® Office
- Microsoft® SQL Server® 2008
- Windows Server

Microsoft
Implementation Challenge

**Business Criticality**

- **High quality information content**
  - Tried, true & tested
- **Alignment with the new Hess E&P strategy.**
  - Success possible only if tools are clearly identified with the goals of the E&P strategy
- **Deployment**
  - Immediate user access within the Hess desktop environment on a global basis
- **Usability**
  - Tools that complimented current workflows
  - Required little training
  - Compelling user interface

**Uptake & Impact**
Project Milestone 1. Scoped Reservoir Study

The objective of this milestone is to "freeze" the subsurface project. This milestone represents an opportunity to review project goals, existing work, and make plans for future work. A basic understanding on the evaluation methodology and potential strategies to evaluate should be identified. In addition all data that pertains to the project should be identified at this point in time.

- **Economics**
  - Data Framework
  - The objective of this milestone is to "freeze" the economics evaluation. A basic understanding of methodology and potential strategies to evaluate should be identified.

- **Geology & Geophysics**
  - Data Integration & Linking Strategy
  - The objective of this milestone is to review project goals, existing data & work, and plans for future work.

- **Reservoir Engineering**
  - Initial Conditions
  - The objective of this milestone is to define the initial reservoir conditions. This includes the detailed knowledge of the reservoir contacts. An initial interpretation of the formation and components is also required. Hence, some early assessment of multiple equilibrium regions should be included.

- **Petrophysics**
  - Processed & Interpreted Well Logs
  - The objective of this milestone is to incorporate all data that pertains to Petrophysics that should be integrated into the Petrophysics to provide a basic interpretation of petrophysical parameters.
Expedition Project Center – Secured Project Access
Expedition Project Center – Adding Documents
### Development Timeline

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Conclusions

High quality information content is not enough

1. Link to Company Goals
2. Immediate Access
3. Simplicity & Usability
4. Compelling User Case

PathFinder 2020
Subsurface Milestones & Deliverables

Tools for the Hess E&P Strategy
Thank You!