THE CARMON CREEK PROJECT

PEACE RIVER, ALBERTA, CANADA

Workface Planning
What, Why and How

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The Project

• Steam Drive Heavy Oil in-situ Development
• North East of Peace River
• Phase 1 and 2: 80,000 bpd upon completion
• Peak workforce of around 1800 people
What

• Contractors Build and Execute IWPs
• Level 5 Schedule of IWPs
• 4D simulation of the CWPs and IWPs
• Backlog of Executable IWPs
• Transparent, Organised, Predictable Execution
• Best in Class Productivity
Why

- Previous positive results from Shell projects
  - Albian Sands Tailings Projects
  - Saturn 1
  - Mars B
  - Quest
- Increased Productivity (30% at Albian Sands)
- COAA Award for implementation
- Strong performance in Safety and Quality
A world without Workface Planning
How

• WFP Shell Team
• Owner Procedures
• Collaboration with Contractors
• WFP in the Contracts
• WFP Software
• Provide WFP support to contractors
• Training, Training, Training.
WORKFACE PLANNING WHAT, WHY AND HOW

ADVANCED WORK PACKAGING

Project Setup → Interactive Planning → CWPs E WP s

WORKFACE PLANNING

I WP s

Front End Planning
Detailed Engineering

Construction Commissioning Start Up

Information Management
WORKFACE PLANNING WHAT, WHY AND HOW
Summary

- We are responsible for Productivity
- Our standards are developed from the WFP Body of Knowledge
- We will maintain focus
  - Get IWPs into the hands of the Foremen
- We will stick to the plan
Any Questions