



RESTORE AND REJUVENATE MATURE ASSETS RIG-FREE

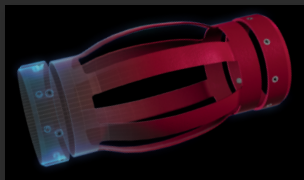
Paul Day

VP of Business Development and Strategy



OPENHOLE COMPLETIONS

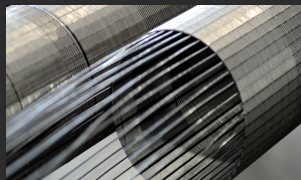
CEMENTATION



LINER SYSTEMS



SAND CONTROL



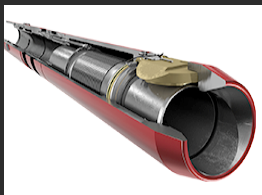
ROBUST PRODUCT PORTFOLIO

FOR TOTAL SOLUTIONS

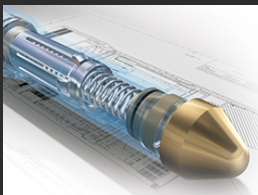


CASED-HOLE COMPLETIONS

SAFETY
VALVES



FLOW
CONTROL



GAS-LIFT
SYSTEMS



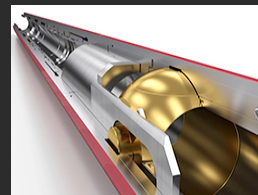
RESERVOIR
MONITORING



PRODUCTION
PACKERS



ISOLATION
BARRIER VALVES



ROBUST PRODUCT PORTFOLIO FOR TOTAL SOLUTIONS



WELL SERVICES



ROBUST PRODUCT PORTFOLIO

FOR TOTAL SOLUTIONS



COMPLETION EXPERIENCE

NORTH SEA: ASSETWIDE COMPLETIONS SOLUTION

Incumbent benchmark time reduced by 30% for significant breakthroughs in both UK and Norwegian sectors

BAKU: ASV System

100th system deployed – described by BP as their most reliable completion tool anywhere from anyone

RUSSIA: SINGLE-TRIP GRAVEL-PACK SOLUTION

Customer savings of \$1 billion over the course of operations with world-record longest gravel-pack well and zero NPT

BRAZIL: WORLD'S SECOND GEN IV GRAVEL-PACK SOLUTION

NIGERIA: TR1P™ SYSTEM

Multimillion-dollar award projected to save client \$250 million

AUSTRALIA: WORLD'S FIRST GEN IV GRAVEL-PACK SOLUTION



38%

**OF ALL GLOBAL WELLS
ARE IN NEED OF SOME
SORT OF INTERVENTION**

Casing & Tubing Integrity

Safety Valve & WH Integrity

Liquid Loading

Zonal Isolation

Scale & Corrosion



INDUSTRY CHALLENGES

ASSURE WELL INTEGRITY

Helping to protect our clients' investments with reliable life-of-well technologies and solutions

LOWER PRODUCTION COST

Providing technologies that reduce the need for intervention and reduce overall NPT

OPTIMIZE RECOVERY

Rejuvenating aging wells with the least amount of intervention



GOING RIGLESS

LOCATION: NORTH SEA

Weatherford Insert Gas Lift System

**AVERAGE 2,500
BOPD ADDED
PER WELL
DEPLOYED**

Gas Lift Introduction and
Well geometry change - Rigless

LOCATION: OFFSHORE NETHERLANDS

Surface-controlled Safety Valves

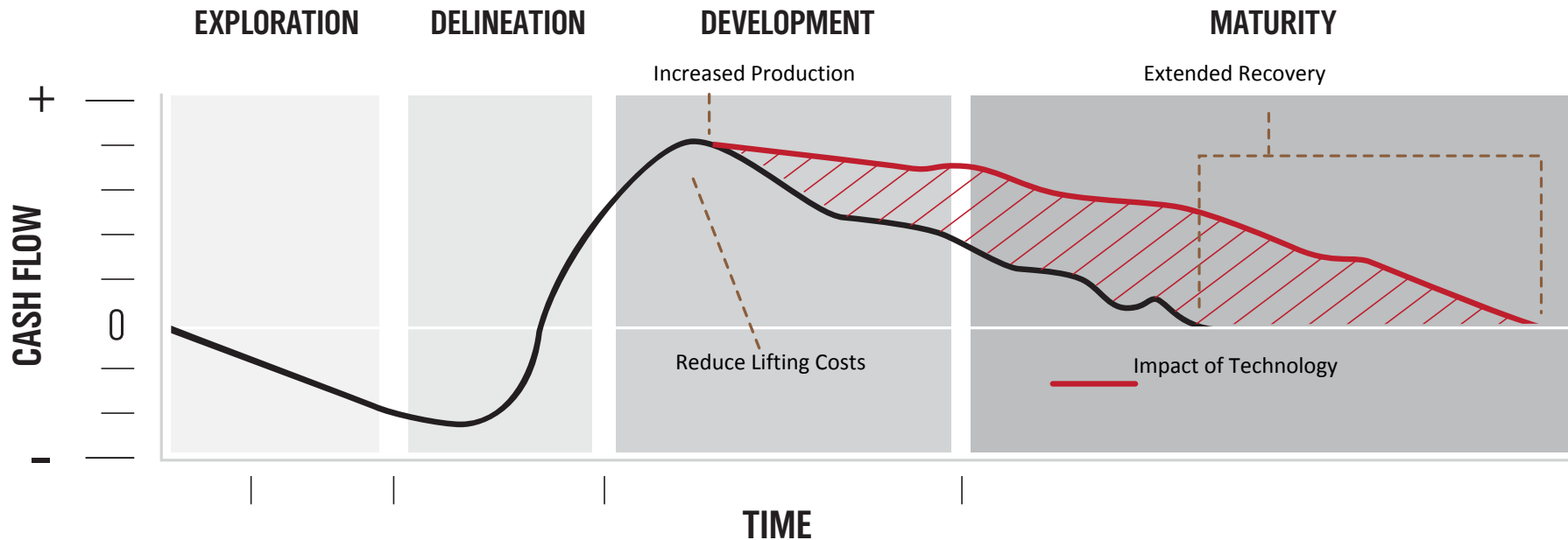
**ELIMINATED
\$50 MILLION
IN WORKOVER
EXPENSES**

Over a 2-year period for 27 wells with
blocked or damaged control lines





MANAGING THE WELL LIFE CYCLE - EXTENDED RECOVERY





WHAT IS PRODUCTION WELL SERVICES?

A SINGLE-SOURCE RIGLESS RESTORATION SOLUTION



FIND IT

Evaluate
and diagnose
downhole issues



SECUREVIEW® CASING AND
CEMENT EVALUATION SYSTEM



FIX IT

Repair wells
and restore
productivity



ISO EXTREME BRIDGE PLUG



GO BEYOND

Increase
recoverable
reserves
CAPEX-free



RENAISSANCE® IGLS



MATURE WELL SOLUTIONS - RIGLESS

- CT – Thru Tubing Obstruction Removal and Fishing Services
- WL – Heavy Duty Fishing Services
- Safety Valve Repair Systems
- Solutions to address Liquid Loading
- Zonal Isolation & Tubular Integrity
- Well Barrier Packages
- Capillary Reservoir Data Services
- Capillary Chemical Placement
- Remedial Sand Control
- Stimulation Straddle Solutions





RENAISSANCE® SYSTEMS

Restore safety-valve functionality and productivity without pulling the tubing

Based on the industry-leading Optimax™ safety valve, Renaissance® systems retrofit a new safety-valve control line where original failed and enhance production by enabling the delivery of downhole treatment fluids.

- Replace damaged control lines
- Retrofit capillary injection or high-volume water-injection systems
- Retrofit wells without safety valves

ELIMINATED

WORKOVER

INCREASED PRODUCTION BY

3,500 BOPD

ENABLED

THE INSTALLATION OF
GAS LIFT INTO A WELL





OmniCap™ APPLICATIONS

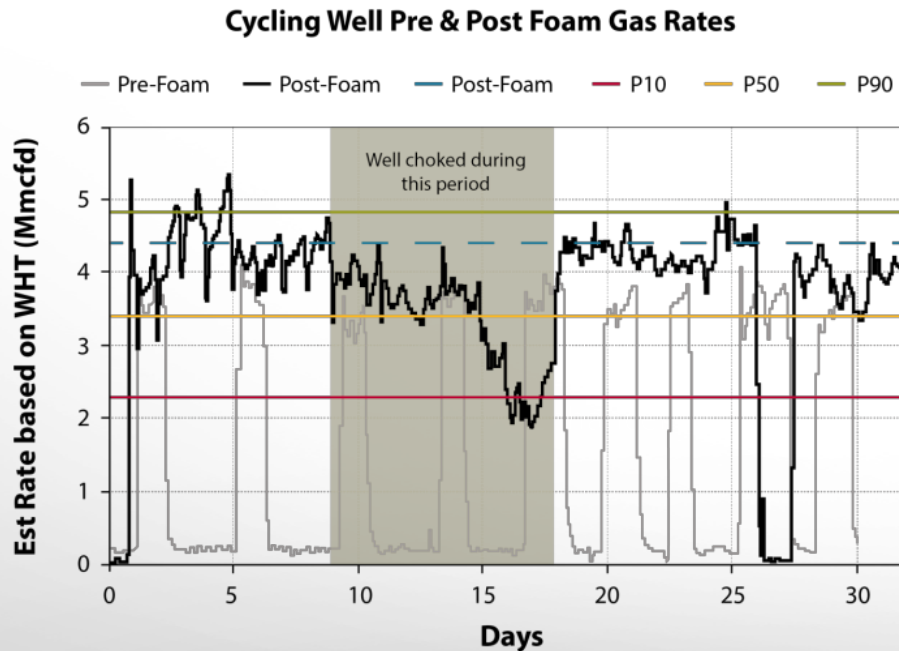
- Daily production
- Casing leak detection
- Injectivity performance
- Optimized lift performance
- Water and steam breakthrough
- Chemical treatment performance
- Optimized field and reservoir management
- Static and dynamic pressures and temperatures





DELIQUIFICATION – CASE STUDY EUROPE

Prior to Weatherford Production Well Services – this well produced for only **1 out of 3 days**



TODAY,
EVERY DAY



SUCCESS IN ASIA-PAC

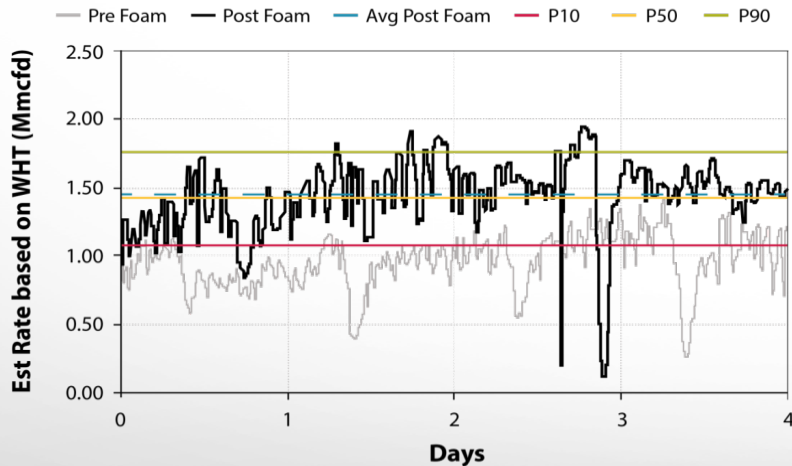
200 WELL PROJECT
OF UNDERPERFORMING
GAS WELLS

MIN DOUBLE
PRODUCTION
FROM THE FIELD

OFFSHORE
BARGES

PRODUCTION
TARGET IN
120 WELLS

Continuous Producing Well Pre and Post Foam

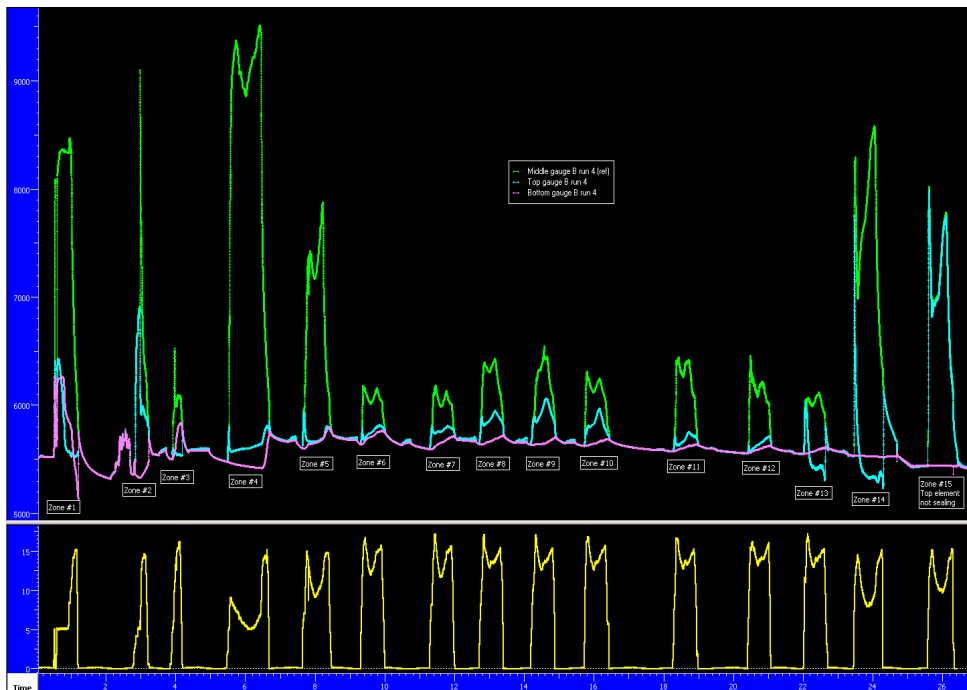




PIN-POINT CHEMICAL STIMULATION

MULTIZONE ACID STIMUATION

- Deploy Surge Frac CT Straddle System
- Perform acid squeeze in each zone independently
 - 14 Zones single trip
 - 7,500 psi @ 15 BPM
- 110% Increase in production
- 190% Increase in BHP





OUR VALUE PROPOSITION

Enhance recovery in mature assets capex-free



MINIMIZING OVERALL COSTS



OUR VALUE PROPOSITION

Enhance recovery in mature assets capex-free



MAXIMIZING RECOVERY OF RESERVES



OUR VALUE PROPOSITION

Enhance recovery in mature assets capex-free



DELIVERING SUPERIOR TECHNOLOGY & SERVICE



42% OF ALL GLOBAL WELLS ARE
IN NEED OF SOME SORT
OF INTERVENTION

GRACIAS
THANK YOU

