



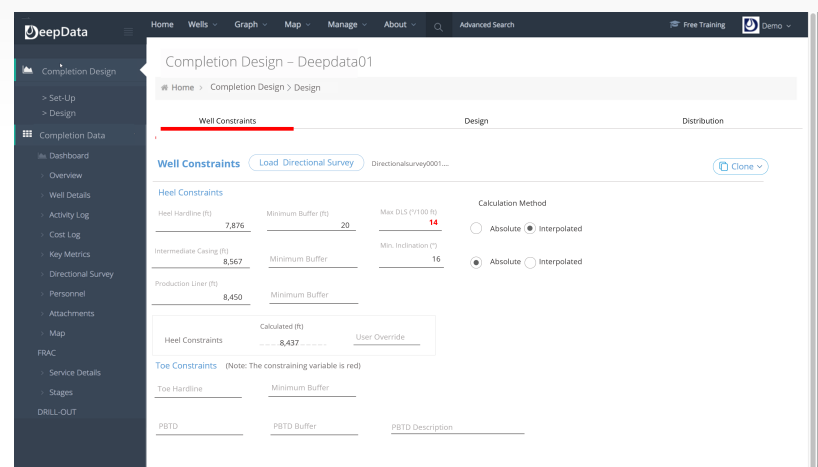
DeepData Inc.

Mike Hogan, CEO

Introducing DeepData

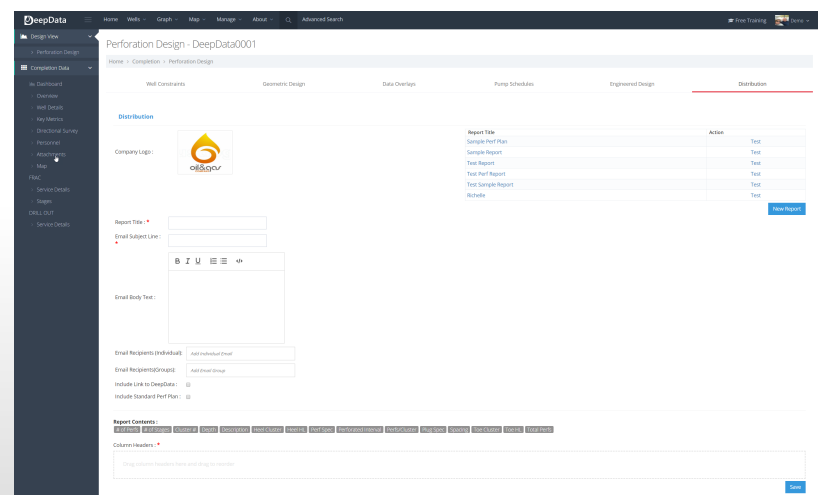
Mission Statement	Optimizing well stimulation for improved well economics
Product Description	Web app for engineered completions, based on <i>each</i> well's rock properties
Differentiation	Integrates all rock data into a drag-and-drop design with auto-optimization
Team	Serial entrepreneurs, 3 successful software exits (e.g. sale to Microsoft & IPO)
Current Solution	Completion Design, Completion Data (actuals)
Coming in 2019	Lab Tool (cuttings), Daily Reporting, Machine Learning

DeepData's 3-Step Solution

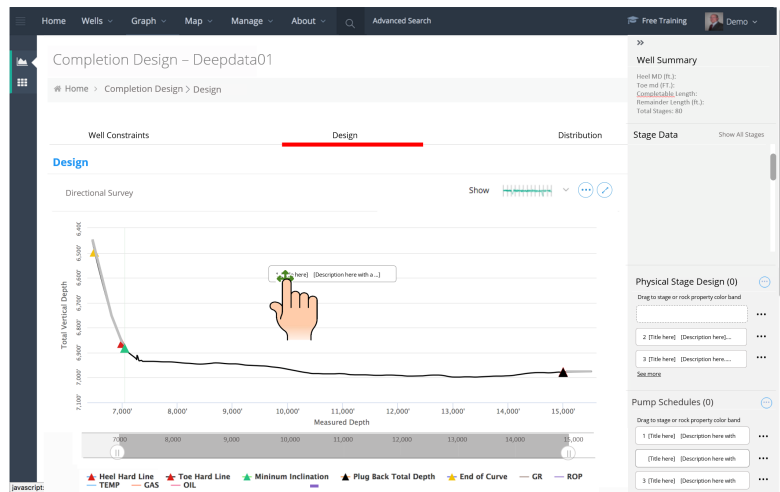


1 Define Your Lateral

Design: Stages & Pump Schedules



2



3 Distribute Operational Docs



Define the Completable Lateral

DeepData

Home Wells Graph Map Manage About

Free Training Demo

Completion Design

Set-Up

Design

Completion Data

Dashboard

Overview

Well Details

Activity Log

Cost Log

Key Metrics

Directional Survey

Personnel

Attachments

Map

FRAC

Service Details

Stages

DRILL-OUT

Completion Design – Deepdata01

Home > Completion Design > Design

Well Constraints Design Distribution

Well Constraints

Load Directional Survey

Directionalsurvey0001....

Clone

Heel Constraints

Heel Hardline (ft)

7,876

Minimum Buffer (ft)

20

Max DLS (°/100 ft)

14

Intermediate Casing (ft)

8,567

Minimum Buffer

Min. Inclination (°)

16

Production Liner (ft)

8,450

Minimum Buffer

Calculated (ft)

8,437

User Override

Calculation Method

Absolute

Interpolated

Absolute

Interpolated

Toe Constraints

(Note: The constraining variable is red)

Toe Hardline

Minimum Buffer

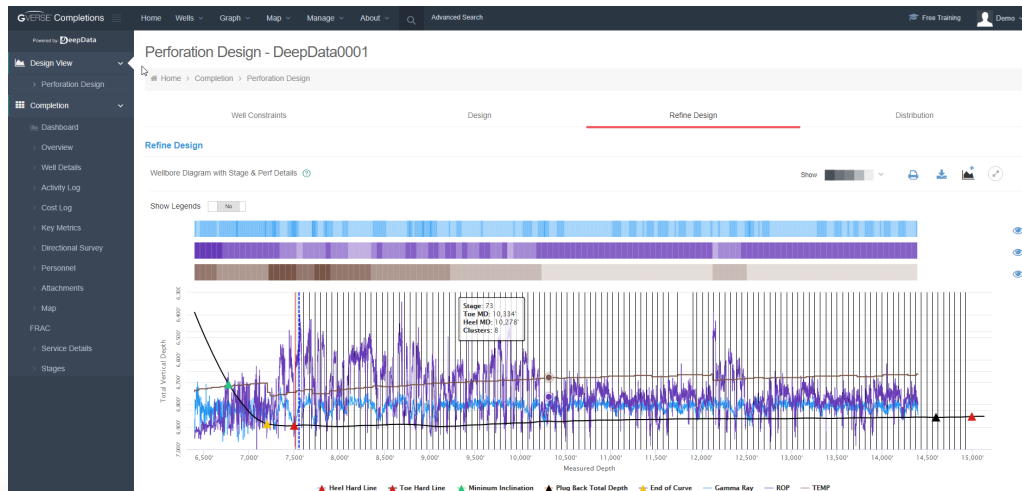
PBTD

PBTD Buffer

PBTD Description

Load Rock Data

LWD LWT Drillbit Geomechanics Wireline



Engineered Completion

- Custom Physical Design
 - Group similar rock - automated
 - Cluster placement - automated
- Pump Schedules (based on rock properties)

Create Custom Color Band ?

Custom Color Band Name

Color Palette:

Sensitivity: 1 5

Color Resolution (ft.) 100

Add Mudlog Data

	Rock Type Name	Rock Type Name	Rock Type Name	Rock Type Name	Rock Type Name	Rock Method	Action
	High - Low	High - Low	High - Low	High - Low	High - Low		
Select One v						Mean v	
Select One v						Mean v	
Shale (%)							
Sand Stone (%)							
Porosity							+

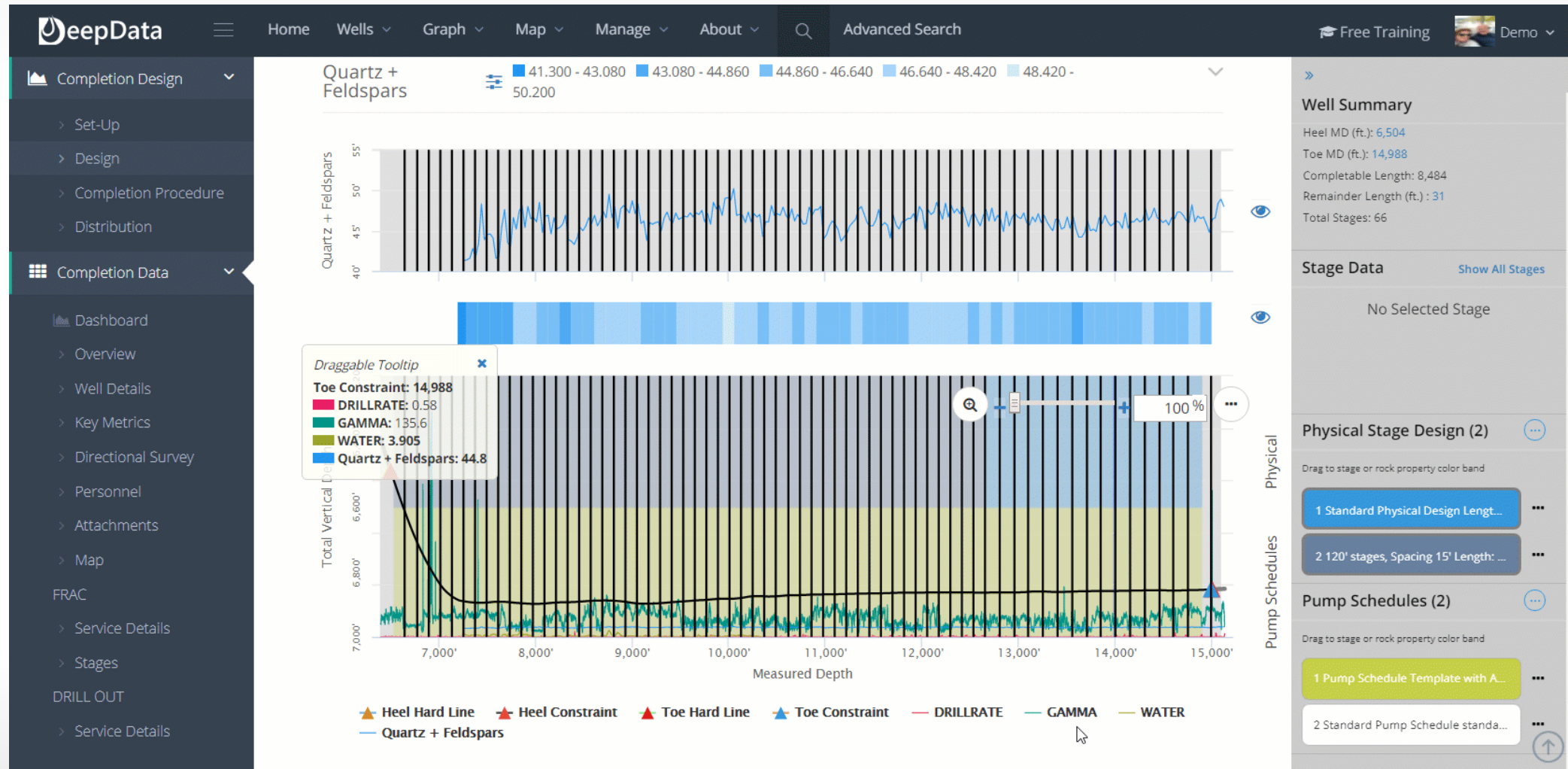
Cancel

Save

Define Your Target Rock Types



Define Your Target Rock Types



Distribute Operational Documents

DeepData


Home Wells Graph Map Manage About

Advanced Search

Free Training

QA Demo

Company Logo :



Report Title : *

Sample File 2

Email Subject Line : *

Email Body Text :

B I U S

Email Recipients(Individual):

chelle_23near@yahoo.com

Email Recipients(Groups):

Include Others Reports:

☐ Link to DeepData:

☐ Standard Perf Plan:

☐ PumpSchedule:

☒ Completion Procedure: Completion Report Template

Send Report as:

☐ Pdf ☐ Word

Report Contents :

Cluster # Depth Description Heel Cluster Heel HL Perf Spec Perforated Interval Perfs/Cluster Plug Spec Spacing Toe Cluster Toe HL Total Perfs

Column Headers :

of Stages x # of Perfs x

Test

Preview

Cancel

Save

- 1. Perf Plan
- 2. Pump Schedules
- 3. Completion Procedure

DeepData Benefits

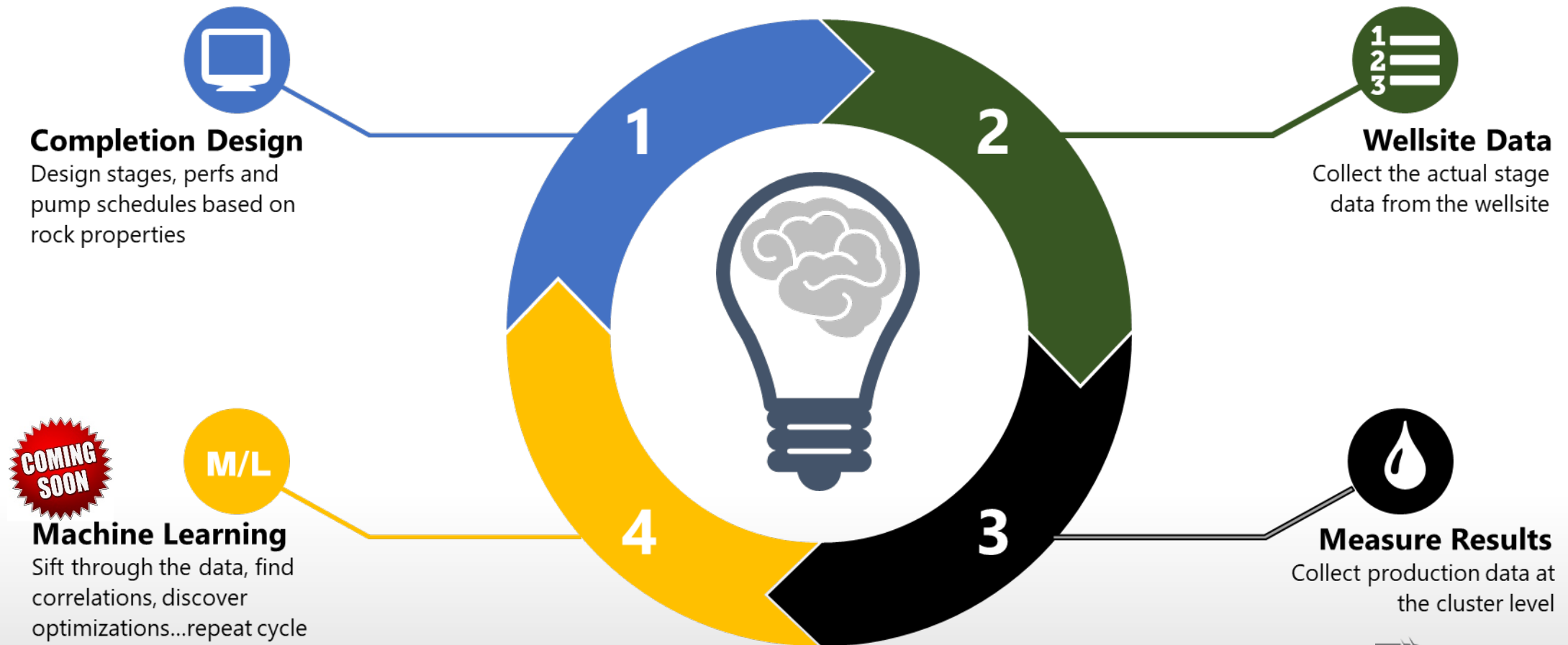
Reduce Costs:

1. Faster design cycles
2. Reduce proppant loads in poor rock

Improve Production:

1. Uniform frac by grouping like rock
2. Optimize cluster placement based on rock properties

Engineered Completion: Looking Forward





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Configure ColorBands

