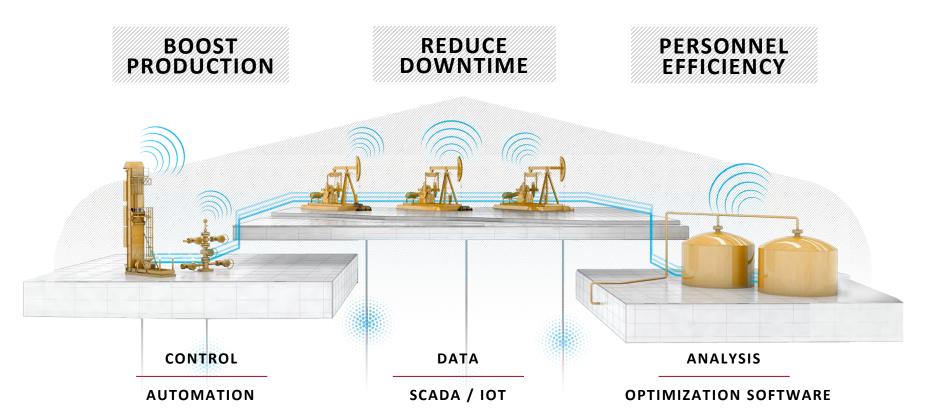


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THE FOUNDATION FOR PRODUCTION PERFORMANCE



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WHAT DOES INDUSTRY 4.0 MEAN TO PRODUCTION







PRODUCTION OPTIMIZATION



Fore Site®







RESERVOIR

WELL

FACILITIES

PRODUCTION OPTIMIZATION PLATFORM



ENGINEERING MODELS

OPERATIONS

ARTIFICIAL INTELLIGENCE

CLOUD

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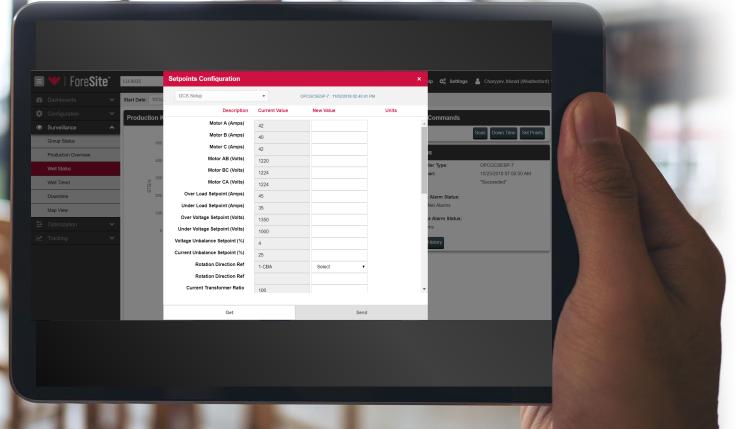


UNRIVALED CAPABILITY: ASSET OPTIMIZATION





UNRIVALED CAPABILITY: CONTROL FROM ANYWHERE



INTEGRATE PRODUCTION DATA WITH WELL MODELS



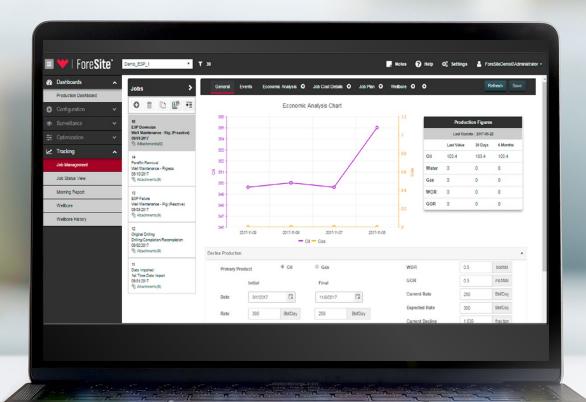
MAXII

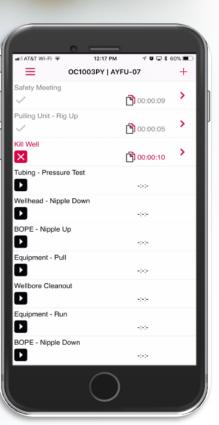
INTELLIGENT ALERTS AT THE COMPONENT LEVEL



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PRIORITIZE OPERATIONS WITH ECONOMIC ANALYSIS







UNRIVALED CAPABILITY: ForeSite ESP & RRL o Destroy

FAILURE

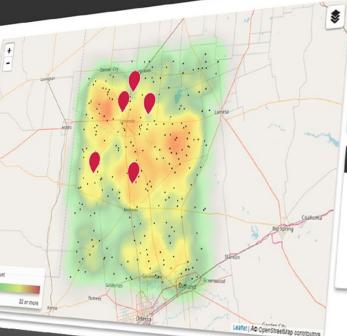
PREDICTION

Combining **Machine Learning**

and physics- O Mel Companion

4 Well Test

based algorithms



Failure Data By Component

		Predicted Fallure		
Туре	Historical MTBF	15 Days	30 Days	60 Days
		4	8	6
Well	432		3	2
Tubing	1821	1		0
Rod	997	0	0	U
Pump	2088	4	5	5

Predicted Failure Probability (Well)

	15 Days 🕶	30 Days 🕶	60 Days 🕶
BEAM-75	72%	74%	77%
BEAM-203	53%	57%	57%
BEAM-186	53%	57%	59%
BEAM-32	53%	54%	57%
BEAM-49	52%	54%	57%





NEXT-GENERA AUTOMATION NEXT-GENERATION



Fore**Site Edge** GIVES YOUR WELL

AUTONOMOUS

CONTROL





ENHANCE CONTROL WITH FLEXIBLE DEPLOYMENT





SEE TRUE PRODUCTION PERFORMANCE IN ROD-LIFT WELLS

LEGACY CONTROLLER



FORESITE EDGE



Intermittent card storage by Event

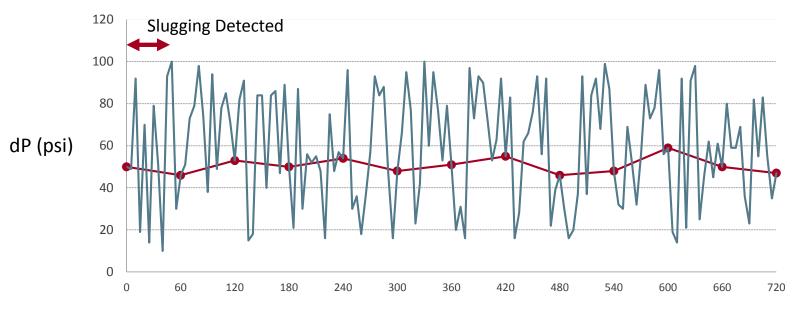
1,280

Continuous card storage for every stroke

>3.5M

w

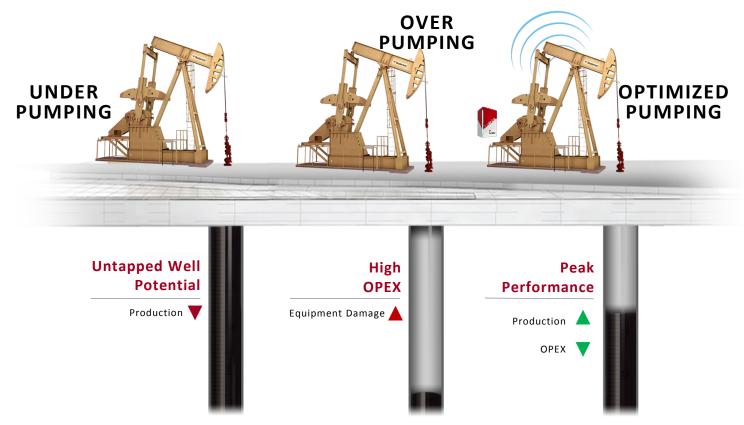
DETECT SLUGGING, PREVENT FAILURES IN GAS-LIFT WELLS



Time (Minutes)

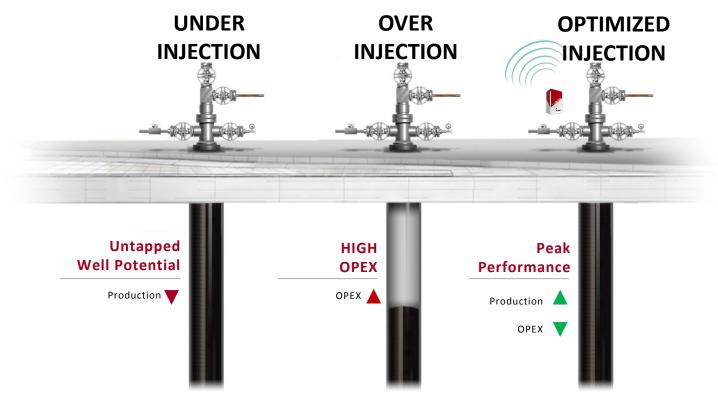
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ELIMINATE OVER AND UNDER PUMPING IN ROD-LIFT WELLS



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ELIMINATE OVER AND UNDER INJECTION IN GAS-LIFT WELLS









PREDICT ROD-LIFT SURFACE FAILURES

ForeSite SEINSE



UNRIVALED CAPABILITY: SUBSURFACE & SURFACE FAILURES









IMPROVE STIMULATION IN NEW AND REFRACTURED WELLS



TBlockSure® diverting agent

- Delivers a short-lived blocking effect
- Achieves superior
 zonal isolation and
 mechanical diversion
- Withstands treatment and dissolves at a predetermined time



FLOW MEASUREMENT ACCURACY IS CRITICAL

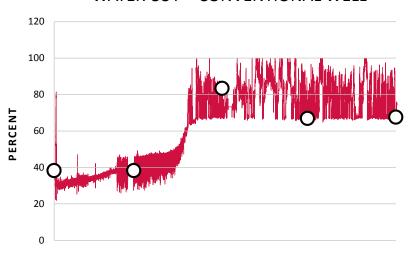
UNDERSTAND RESERVOIR BEHAVIOR REPORT REVENUE

OPTIMIZE PRODUCTION

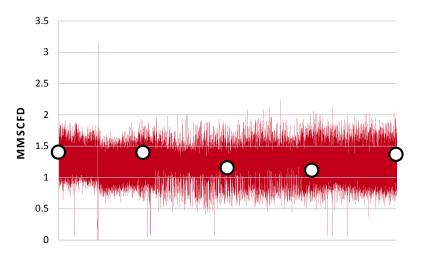


CONTINUOUS FLOW DATA DRIVES YOUR REVENUE

WATER CUT – CONVENTIONAL WELL



GAS RATE - UNCONVENTIONAL WELL





MAKING MONEY FOR YOU

SAVED CIVIAN
Eliminated hand sampling

OMAN

\$350 M by installing more than 500 Red Eye systems

\$315M 7 years



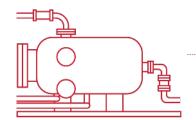
ONGOING OPPORTUNITY

PERMIAN

Replacing test separators with multiphase technology in a 1,000-well asset

\$36M per year

\$37M



\$178M

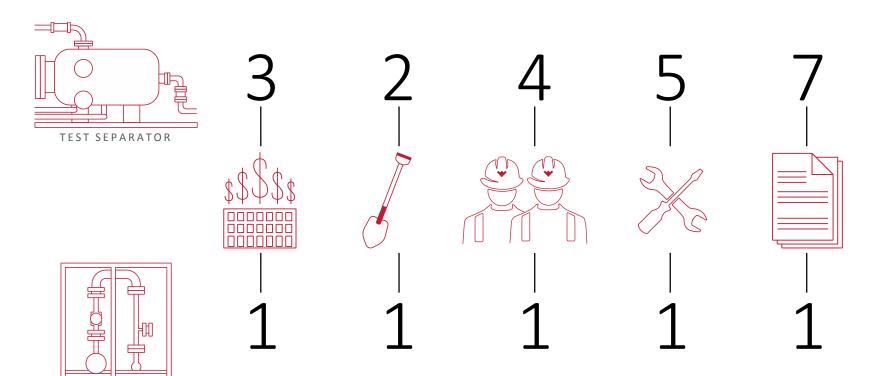
Conventional Production Aging Well

Unconventional Production Wet Gas

MULTIPHASE FLOW METER



BREAKING DOWN THE COST BENEFITS OF MULTIPHASE





WORLD'S MOST COMPREHENSIVE FLOW PORTFOLIO



Red Eye Water-Cut Meter for Surface Accurate water-cut

in 0 to 99.5% GVF



Meter for Subsea
The only multiphase
subsea water-cut meter

Red Eye Water-Cut



FlowmeterThe only non-nuclear meter for wet gas

VSR Wet-Gas



FlowmeterAccurate multiphase data without separation

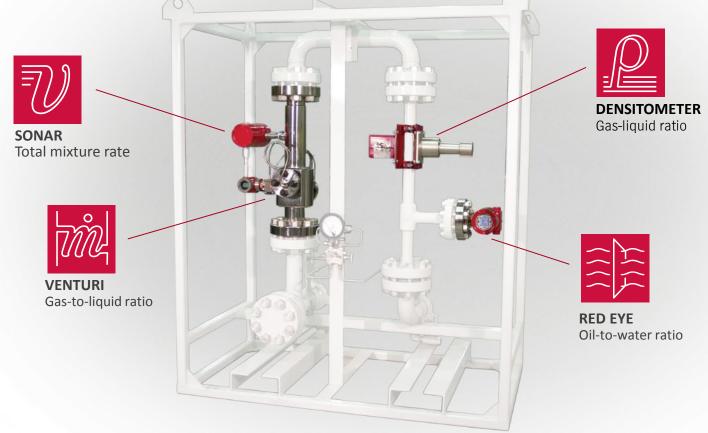
VSRD Multiphase



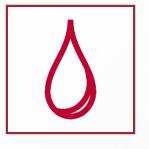
REMMSReplaces conventional test separators to deliver real-time data



LET'S START A NEW CONVERSATION FOR YOUR ASSET







PRODUCTION PERFORMANCE MANAGEMENT



CREATING A PATH TO PEAK PERFORMANCE



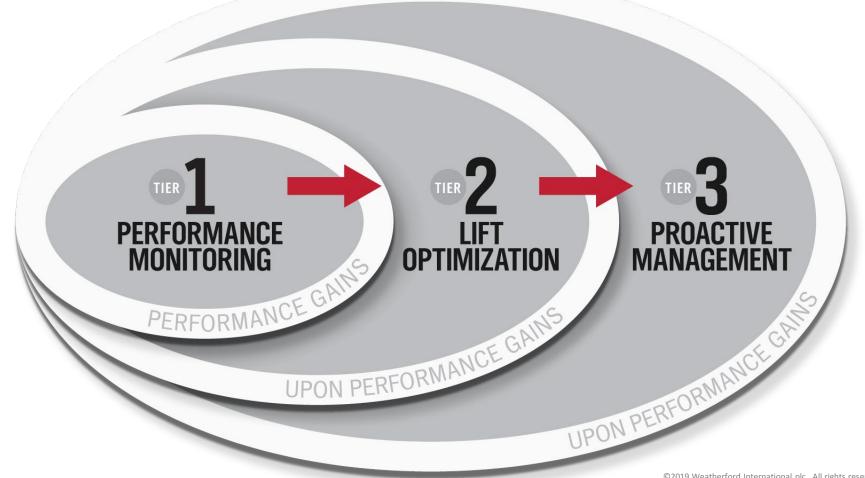


BUILDING AN INTEGRATED TEAM

WEATHERFORD as an extension of **PEMEX**

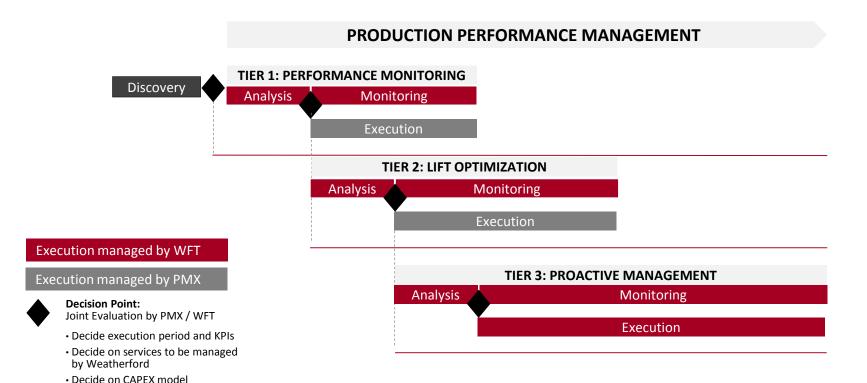
nothing more nothing less





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ENGAGEMENT MODEL FOR PERFORMANCE GAINS



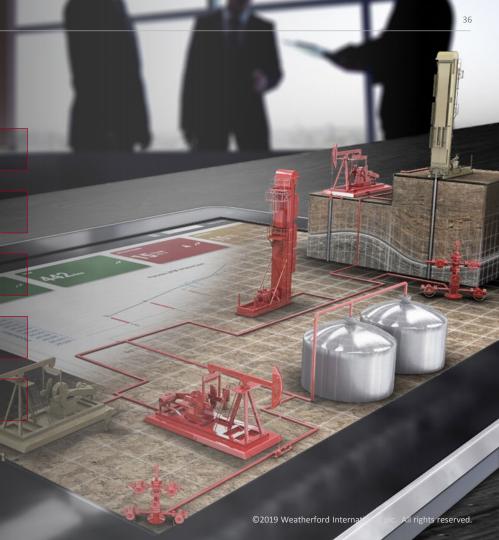
INCREASED UPTIME

REDUCED COSTS

ENHANCED PRODUCTION

REDUCED FIELD PRESENCE

ASSURED ASSET INTEGRITY





The team in the room now is your team moving forward.

WE WILL

All operational decisions are agreed upon jointly.

Gather and analyze data

Integrate software and hardware

Execute according to plan

Manage any third-party services

Optimize workflows

Make operational recommendations

Leverage historical and real-time data

Ensure regulatory compliance

