

HALLIBURTON

IX Seminario Estratégico SPE Buenos Aires

Apr 24-25, 2024

Fernando Rearte
Halliburton

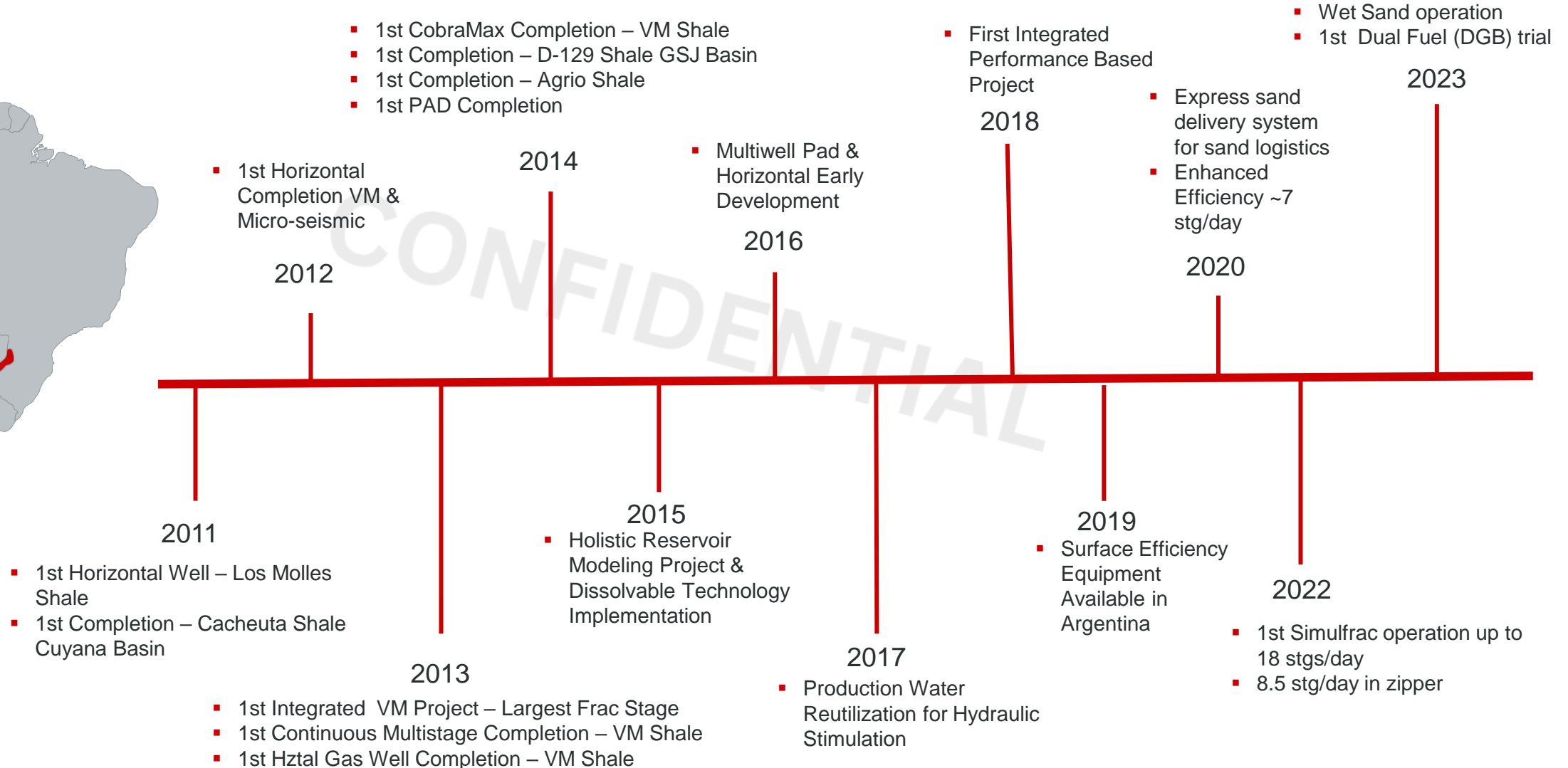
Agenda

Apr 24, 2024

IX Seminario Estratégico - SPE

- 1 Developing experience in Vaca Muerta play
 - 2 Present & Future
 - 3 Efficiencies
 - 4 Infrastructure
 - 5 Summary
-

Developing experience in Vaca Muerta



Today



Tomorrow



Today's Capabilities

SimulFrac

Wet Sand

Dual Gas Blending

Formation Water for Frac Fluid

The future is Electric: Zeus™ 2.0

REDUCES
EMISSIONS
UP TO
57%
COMPARED TO
CONVENTIONAL
OPERATIONS

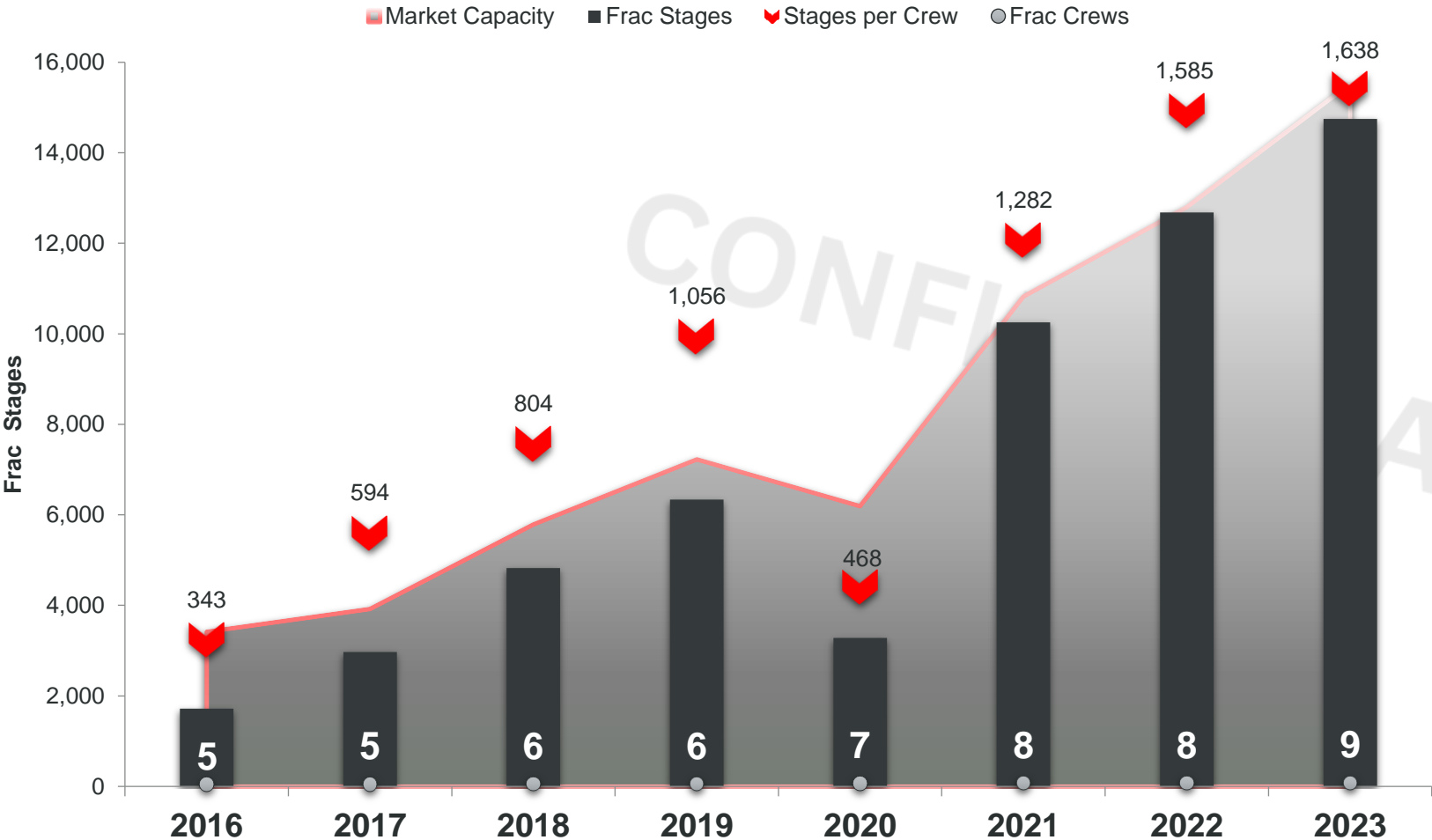
ELECTRIC CREWS PUMP
**25%
MORE**

30%
FASTER
STAGE TRANSITION TIMES
(COMPARED TO DIESEL SPREADS)

HALLIBURTON

Argentina Frac Market Evolution - Shale

Argentina Frac Market Evolution

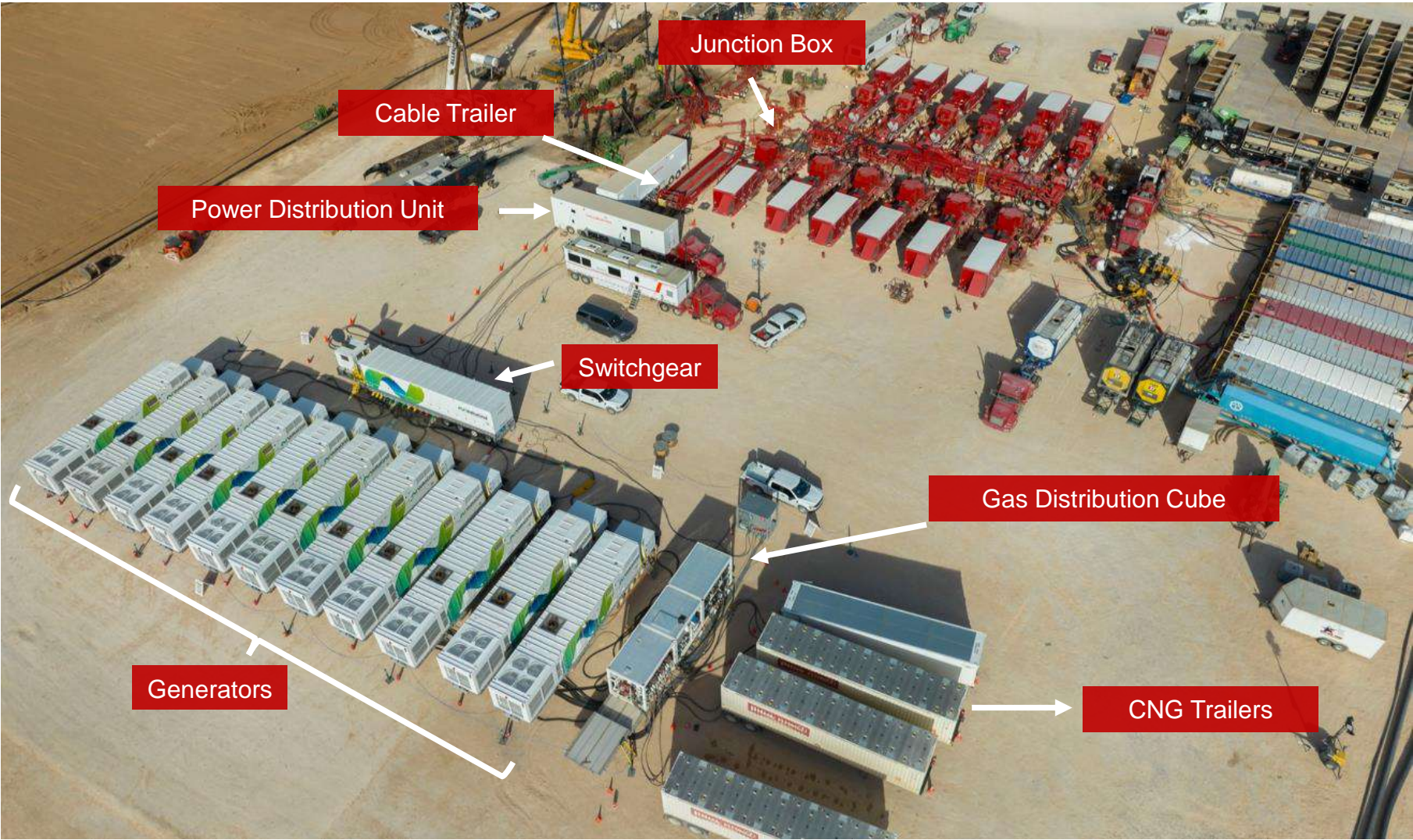


- Stage Count 8.6x.
- Frac Crew utilization 4.8x.
- Market Capacity 1.8x.

It is all about **SCALE**
and **EFFICIENCY**



The future: E-Fleet - Transition to Zeus™ 2.0



REDUCES
EMISSIONS
UP TO
57%
COMPARED TO
CONVENTIONAL
OPERATIONS

ELECTRIC CREWS PUMP
**25%
MORE**
HHP HOURS PER MONTH

30%
FASTER
STAGE TRANSITION TIMES
(COMPARED TO DIESEL SPREADS)

SmartFleet™

Octiv®

HALLIBURTON

In Summary

THE GOOD

- Great rock and productivity.
- Midstream increasing capacity.
- Equipment available and efficient.
- Acceleration of latest technologies.

OPPORTUNITIES

- Remove Import/Export Barriers.
- Expand infrastructure.
- Electrification in Vaca Muerta.
- Transition to low-emission operations.
- **Reduce cost per BOE consistently.**





THANK YOU

Fernando Rearte
Strategic Planning Director

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