DELTA-TEQ

Low-pressure-impact drilling fluid

Reduce downhole losses and
hydraulic impact on the formation

Presenter's name

December 4, 2019

NARROW OPERATING WINDOW

- Pore pressure
- Fracture gradient
- Complex geometry

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DOWNFALLS OF TYPICAL LOW-ECD FLUIDS

- Excess pressure on the formation
- Sag during operational pauses
- Susceptible to pressure spikes
- Subject to surge pressure

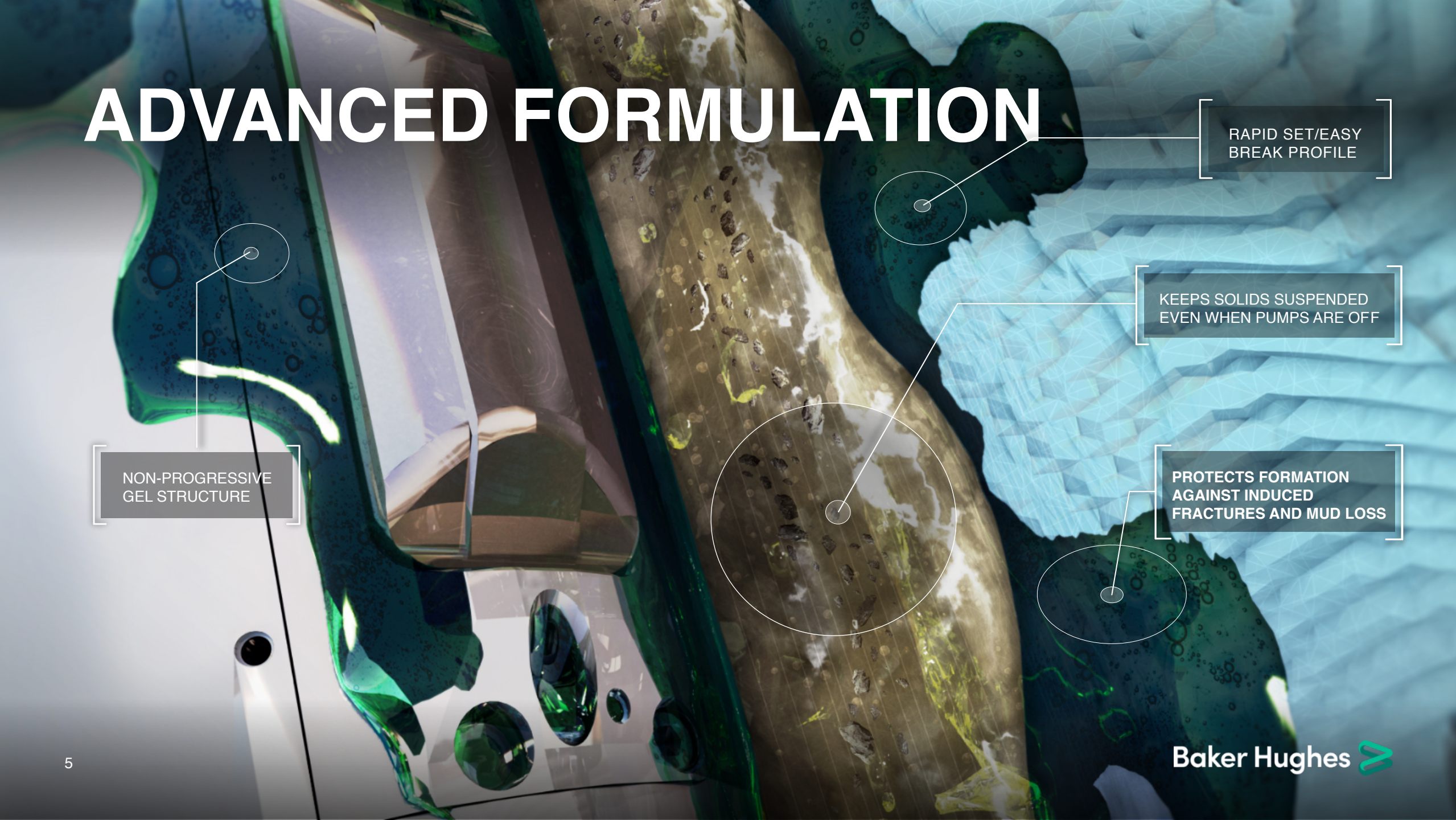
DELTA-TEQ™

Low-pressure-impact drilling fluid

- Manages hydraulic impact
- Remains sag resistant
- Mitigates damage from pressure spikes
- Protects from surge pressures

Baker Hughes

ADVANCED FORMULATION



RAPID SET/EASY BREAK PROFILE

KEEPS SOLIDS SUSPENDED EVEN WHEN PUMPS ARE OFF

NON-PROGRESSIVE GEL STRUCTURE

PROTECTS FORMATION AGAINST INDUCED FRACTURES AND MUD LOSS

Baker Hughes

VISCOSITY CLUTCH

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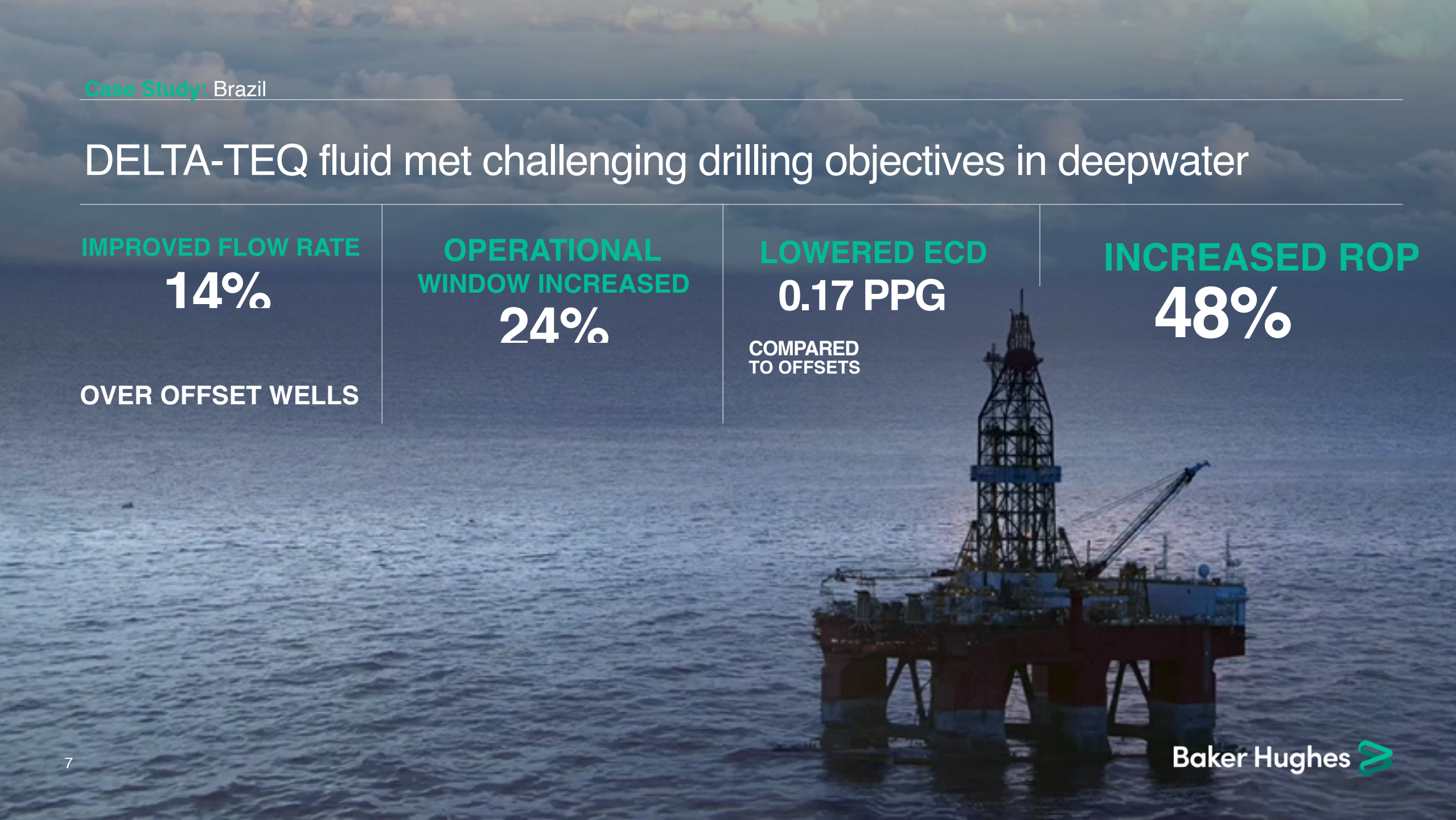
DELTA-TEQ fluid met challenging drilling objectives in deepwater

IMPROVED FLOW RATE
14%
OVER OFFSET WELLS

OPERATIONAL WINDOW INCREASED
24%

LOWERED ECD
0.17 PPG
COMPARED TO OFFSETS

INCREASED ROP
48%



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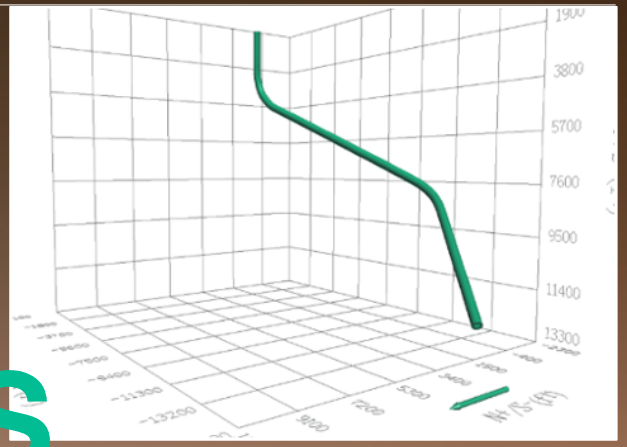
Case Study: Gulf of Mexico

DELTA-TEQ fluid reduced pressure and increased flow rates

REDUCED PRESSURE

INCREASED FLOW RATE



MET DRILLING OBJECTIVES

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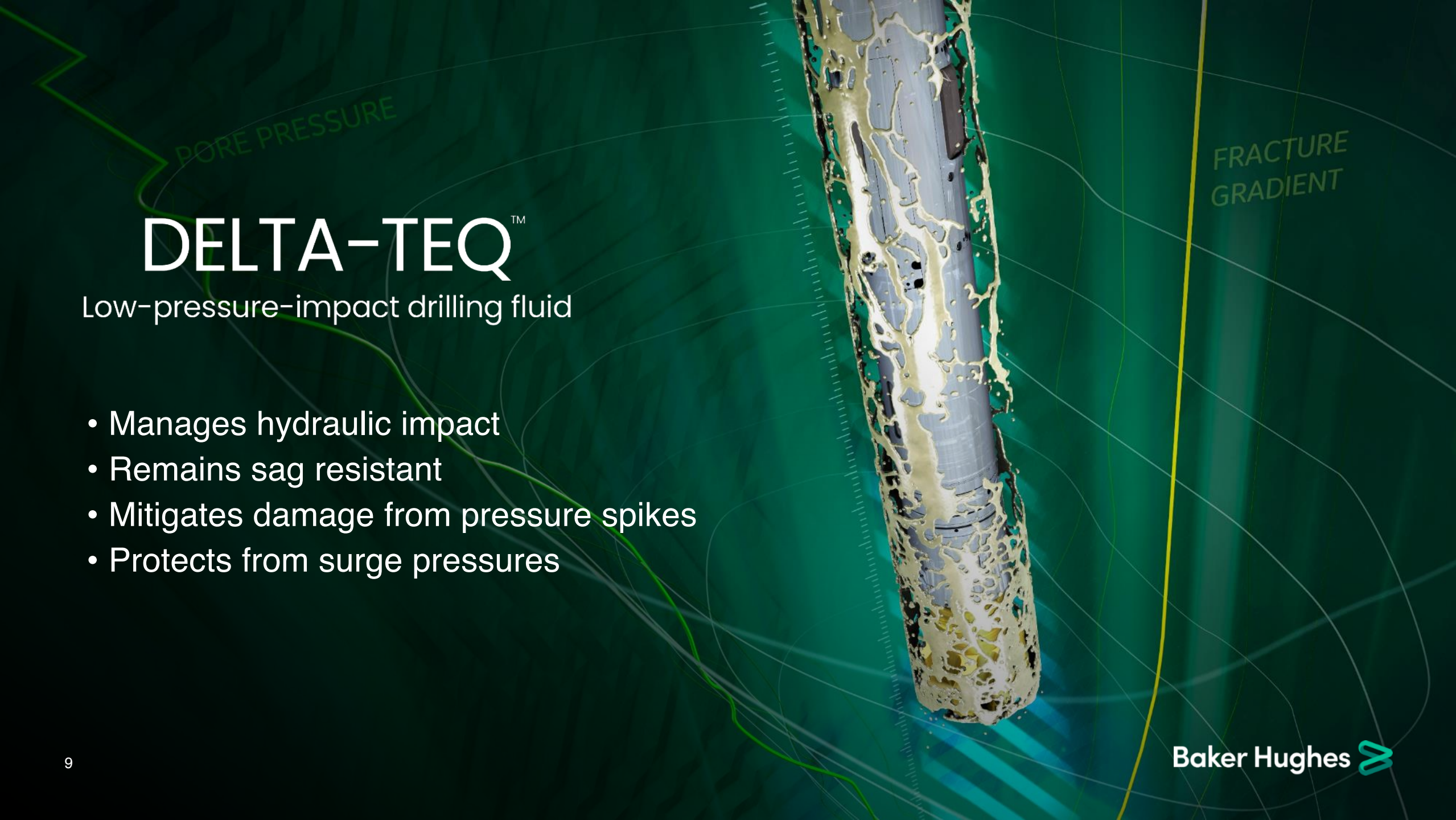

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