

# UHS ESP™ Case Study highlights



Depth: up to 9,150 ft TVD (2,785 m TVD) / up to 12,000 ft MD (3,650 m MD)



Gas: >60% at the pump intake



Casing: 7" (177,8 mm), 6.61" (168 mm) API



Sand content: >1,500 ppm



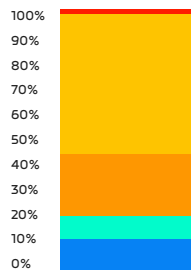
DH temperature: 195 - 240 °F / 90 - 115 °C



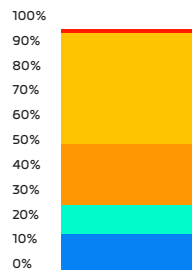
Systems used: UHS-200, 500, 600

## TOTAL COST OF OWNERSHIP

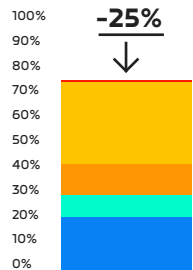
Conventional ESP with ACM



Conventional ESP with PMM



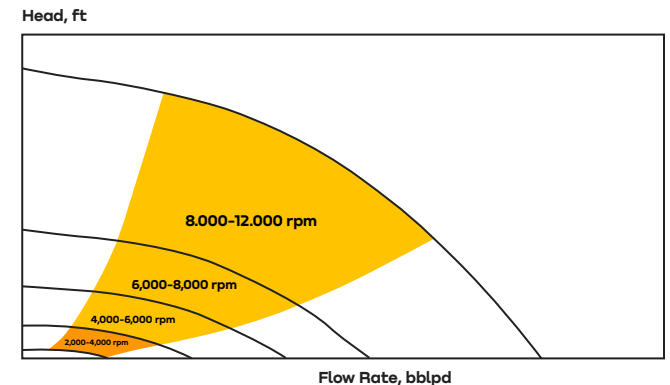
Lex UHS ESP™ System with PMM



## RESULTS

- More than 300 installations since 2014;
- 20% increase in oil production;
- 40% reduction in power consumption (equivalent to nearly 50 million kWh);
- 23% increase in equipment runlife;
- Over 15,000 cycles on average reached the wells operating in intermittent mode and harsh conditions (sand content >2,000 ppm / >2,000 mg/l).

## UHS ESP™ OPERATING ENVELOPE IS UP TO 10-FOLD LARGER



Lex Ultra-High-Speed ESP Operating Envelope

Conventional ESP Operating Envelope

