

UNBRIDLED ESP System increases oil production 10%, extends system run life

CASE HISTORY

CHALLENGES

- ▶ South Texas operator was faced with producing 8,000 to 15,000 BWPB from a newly drilled well
- ▶ Finding an ESP with a wide enough production range to handle the uncertainty related to the ultimate water production was challenging
- ▶ Without an ESP capable of operating over a broad production range, the operator would incur the cost of pulling and re-installing the ESP to resize it after the initial well test

SOLUTIONS

- ▶ UNBRIDLED® ESP Systems provided a system featuring a:
 - GRINDSTONE™ abrasion resistant pump with an operating range of 8,000 to 15,000 BPD
 - SMARTEN™ variable speed drive to fine-tune the ESP as downhole conditions changed and to optimize ESP performance, including electrical efficiency

RESULTS

- ▶ The UNBRIDLED ESP System produced 10,670 BPD with a 10% increase in oil production, delivering approximately \$15,500* of additional monthly revenue
- ▶ The equipment was delivered 48 hours faster than a competitor – eliminating 45 hours of down time and \$5,500* of deferred revenue
- ▶ ESP system achieved 633 run days as of December 31, 2019
- ▶ UNBRIDLED ESP System reduced operator's overall operating costs by 14%

*Based on \$50 per barrel of oil



GRINDSTONE
abrasion-resistant pump



Apergy[®]