

Permian Basin, New Mexico,  
and Texas

# Intelevate™ remote optimization reduces technician visits by 50 per month

Operator saves \$35,000/month; well productivity and run life increase +60%

## CHALLENGE

- Wells in the West Texas Permian Basin are often remotely located
- Excessive miles driven to manage ESP production has a negative impact on safety and the environment
- Well conditions can change more quickly than reasonably managed by offsite personnel

## SOLUTION

Intelevate offers different service levels depending on customer needs:

- Intelevate monitoring and application access
- Engineer support and 24/7 monitoring

## RESULT

- +60% run life increase from 103 to 169 days
- 50 technician visits per month eliminated, saving the customer \$35,000 in monthly operating expense

## Overview

A customer uses Summit's Intelevate service to remotely optimize roughly one-third of their Permian Basin ESP operations in New Mexico and Texas.

## Challenge

In-person management of remotely located electric submersible pump (ESP) operations is expensive and inefficient. Remote optimization eliminates the potential risk of injury a field technician is exposed to when traveling to and when at the wellsite. Further, remote optimization eliminates the environmental impact of vehicular travel to the wellsite. Before Intelevate, the customer incurred extensive costs sending people to locations for operational changes. ESP average run life was still unsatisfactory, and broken shafts frequently occurred due to excessive amp swings.

## Solution

Intelevate monitoring, coupled with engineering support, is an excellent, cost-efficient alternative to relying solely on field service personnel. Intelevate Application Engineers and the customer met weekly to evaluate each unit and collaborate on an optimization plan. In this case, amp swings were minimized to less than ten amps through remote changes, and field techs were sent out only when necessary for more complex issues or troubleshooting.

## Result

Average run life increased +60% from 103 days to 169 days. Technician visits dropped by approximately 50 per month, for monthly savings to the customer of around \$35,000.



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