# SmartPLAN® implementation leads to 6.3 days of flat time reduction

SmartPLAN® application helps execute any well program, provide clear objectives, track procedural adherence and effectively implement best practices to offer influential behavioral notifications for performance improvement through flat time optimization.

## Overview

An operator encountered difficulties integrating diverse well program data and ensuring consistent execution across rigs, largely due to the limitations of traditional software and fragmented communication. This highlighted the need for improved knowledge-sharing tools.

## Solution

The SmartPLAN® application delivers a Driller's Roadmap that integrates real-time data updates, operational procedures, and feedback loops using edge and cloud technology. This system optimizes drilling processes, improves communication, and consistently applies best practices while enhancing well analytics.

## Details

**Location:**
Permian Basin

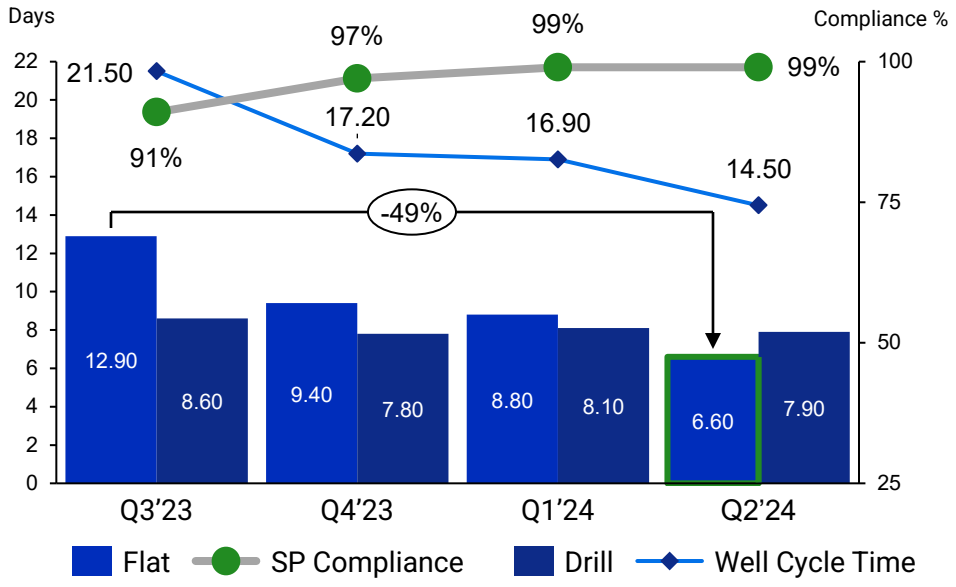
**Timeframe:**
July 2023 – June 2024

## Case Study Results

SmartPLAN® app observed the following results targeting Wolfcamp and Bone Springs formations across 102 wells on five rigs, with a 3-string design at 19,500 ft total depth.

- **Well cycle time** improved by **7 days**, from 21.5 to 14.5 days.
- **49% reduction in flat time,** from 12.9 to 6.6 days.
- SmartPLAN® utilization compliance increased from **91% to 99%**

## Well Cycle Time Trend Across Average Flat & Drill Time Each Quarter




*Cost savings consider a daily 90K spread rate across 102 wells.*