



RESULTS STORY

West Texas Oil & Gas Operator Improves Performance by 25%



Real Results!

REACH Process Achieves 25% Performance Improvement on West Texas Horizontal Wells

An independent, mid-continent oil and gas operator contracted a rig that was coming out of storage with a relatively inexperienced rig floor crew which included green hands. The operator engaged the REACH group to develop a continuous improvement process tailored to the special challenges it faced: building a solid rig team in an environment with high employee turnover levels due to strong labor demands in the West Texas labor market.

The REACH Group implemented the Plan-Do-Measure-Learn process on the rig with a special emphasis on safety and integrating green hands into the team. As the project progressed, leadership of the various planning meetings was steadily handed over to the rig-site management team with coaching from the REACH project managers.

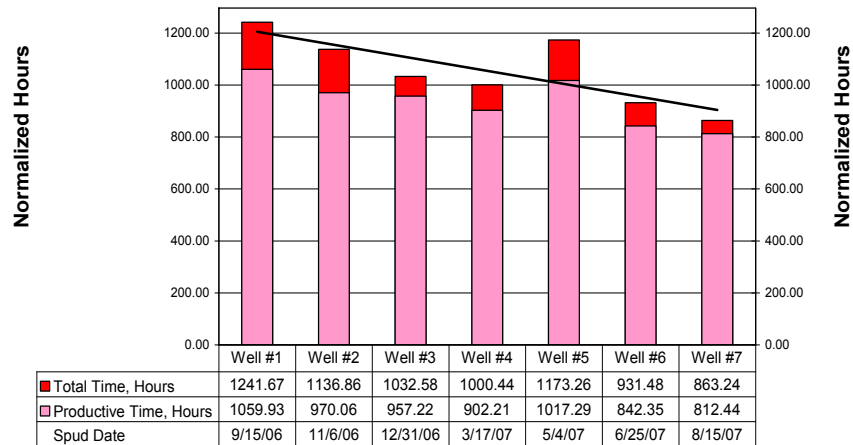
Implementation of the lessons learned review process was facilitated with REACH's Database Builder. This helped the drilling team to identify, approve and integrate learning as the project progressed. The drilling manager stated that "Crew members were flabbergasted that they were asked for their opinion and to participate and then told their ideas were going to happen."

Over a 12-month period, **performance steadily improved by 25%, saving an average of 5.75 days per well compared to the previous rig used in the field, saving approximately \$1.8 million** dollars of rig time. The rig team also achieved the best well time achieved by the operator in the field.

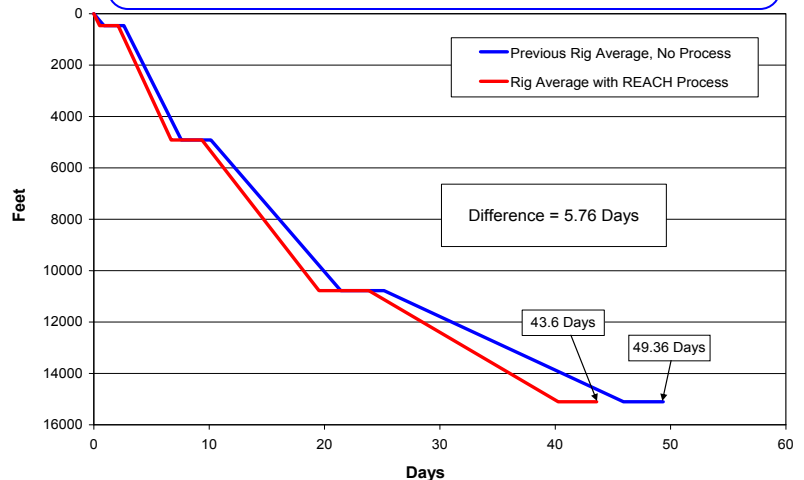
An important aspect of the process is detailed, daily analysis of performance by the REACH Project Managers which allows the rig team to see the results of their improvements in real time compared to their past performance.

The REACH Project Manager's worked with the rig team to develop a Rig Move Manual and create a planning process for efficient rig moves. Identification of "Best of Best" performance aided the rig team to identify and capture best practices for sustained continuous improvement.

Well Results Verify 25% Continuous Improvement Curve



Average Well Delivery Time Reduced by 5.75 Days



The final phase of the project was to make the project sustainable without the presence of REACH coaches on the rig. To achieve this goal, standardized planning templates were created for each section of the well that could be easily filled out by the Co Reps and Rig Clerks for distribution to the field and office teams. A contract between the office and field teams firmly established the expectations for each member of the drilling team to sustain the process while REACH continued to provide daily performance analysis from another site.