

Execute AFE Streamlines Range Resources' Process



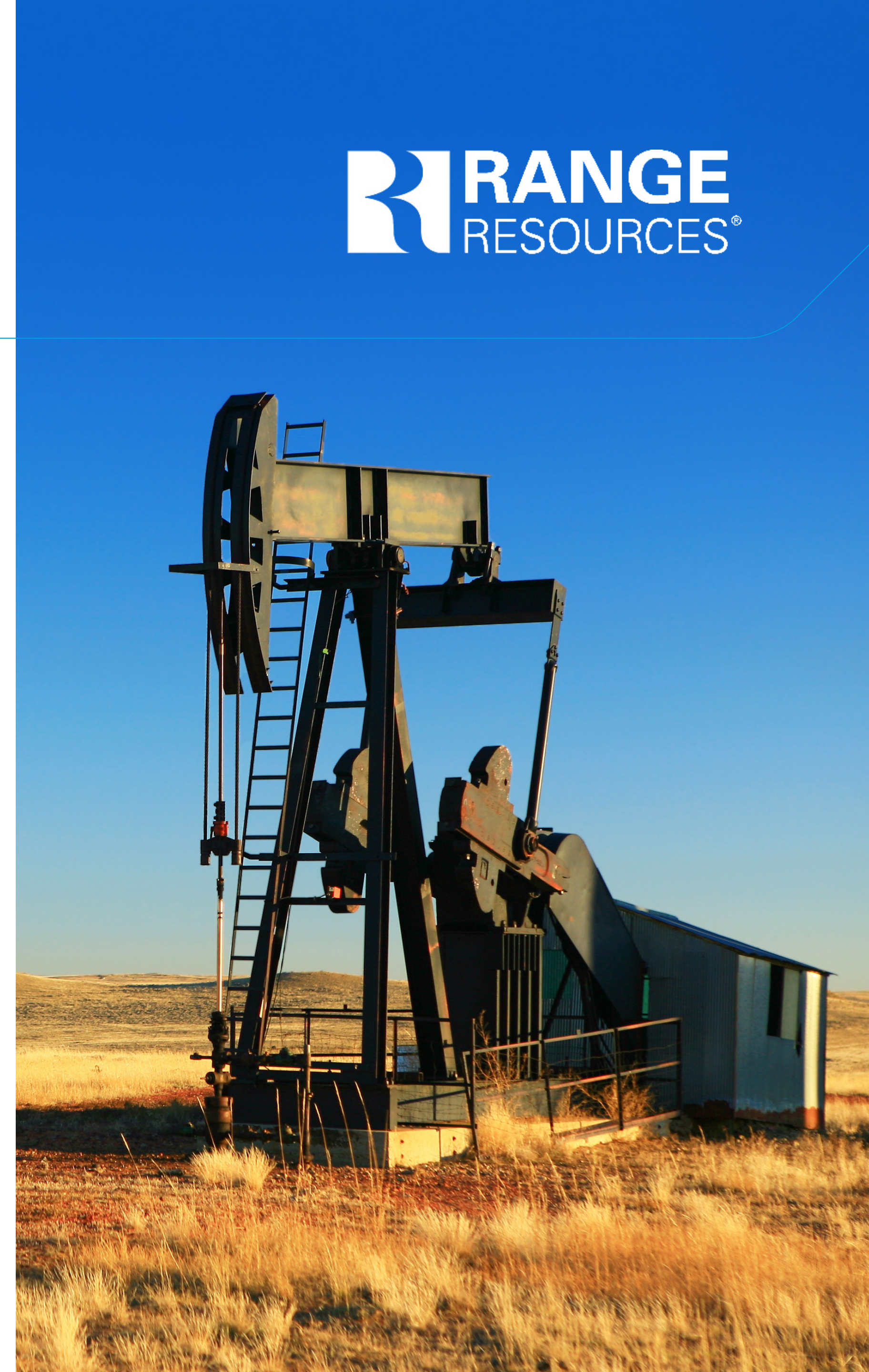
The Company

Range Resources Corporation is a leading U.S. independent natural gas and NGL producer with operations focused on stacked-pay projects in the Appalachian Basin.

The Challenge

Range Resources was using a dated desktop-based Authorization for Expenditure (AFE) system. This legacy system was cumbersome and only accessible on Range's network. AFE creators couldn't leverage data from other systems and had to manually retype information into the AFE system. AFE approvers had to be manually selected on each AFE, and there were no automated notifications when tasks were assigned - causing delays in the approval process. Often, the system's low usability would also cause users to funnel data entry or reporting requests through to a smaller group of power users, introducing accountability concerns.

In addition to these inefficiencies, the system was also difficult to update as Range's business evolved. When the vendor notified them that the system would no longer be supported, Range decided to issue an RFP to find a more modern and efficient system.





The Solution

Range Resources conducted extensive research and demos before selecting Quorum Software's Execute AFE offering. This cloud-based solution provides a variety of features, including comprehensive out-of-the-box functionality, robust workflow capabilities, flexible configurability, and strong integration capabilities, delivering on all of their requirements. During the implementation, Range worked with Quorum to configure each of their thirteen AFE workflow types using Execute's task-based workflow engine. Moreover, Range built an integration that enabled AFE creators to select a pre-existing property and automatically pull relevant data from their accounting and operational systems onto the AFE. This integration eliminated the need to waste time looking up information in other systems and improved data accuracy, by removing the need for error-prone manual data entry.

Range's AFE processes involve up to ten different disciplines from across their organization, which in the past had made it challenging to manage their workflows efficiently. The use of Execute's task-based workflow engine, however, allowed them to transform a historically sequential process into a parallel one, allowing for more efficient coordination across departments. The system's automatic notifications and reminders ensured that AFEs did not get lost while also significantly reducing the effort required to manage day-to-day AFE processes.

The Results

The implementation of Execute AFE has yielded significant benefits for Range Resources. The process to raise and approve an AFE has become faster, with an average time reduction of 50%. Additionally, the manual management of the AFE during this approval process is no longer necessary. These improvements mean that:

- ⬡ Range can dedicate less time to managing AFEs, giving them time to concentrate on more value-adding activities or handle higher activity levels.
- ⬡ Range can operate more agilely, adjusting faster to new information with their parallelized, automated approval process.
- ⬡ Range can generate higher-quality AFEs. By raising the AFE closer to the construction time, more up-to-date information is available, leading to more accurate estimates, fewer reworks, and fewer cost overruns.

Beyond the benefits of saving time, Execute AFE also improved the quality and accountability of Range's AFE data and ensured the long-term supportability of the system via its configurability and ease of use. Specifically:

- ⬡ Range has eliminated data-entry “power users”, improving accountability, data clarity, and reducing bottlenecks.
- ⬡ Range has reduced the manual data entry required when creating AFEs, and reduced the risks intrinsic to manual data entry, by leveraging the data already captured in other systems.
- ⬡ Range can support changing business requirements. Execute AFE’s end-user configurability ensures that Range can continually and easily fine-tune their processes as their business evolves.

The Conclusion

The adoption of a modern, cloud-based system like Execute AFE resulted in improved accountability, efficiency, and accuracy, delivering significant cost savings for Range Resources. This success story highlights the importance of adopting modern technology and streamlining workflows to achieve business success.



Eliminate bottlenecks & collaboratively manage AFEs in a single capital & well lifecycle management platform.



Quorum Software powers growth and profitability for energy businesses by connecting people, workflows, and systems with decision-ready data.

For more information or to request a demo, visit quorumsoftware.com or email info@quorumsoftware.com.