Origin’s APLNG Collaborative Well Delivery program
Contents

01 Project overview

02 Real-time schedule management and remote monitoring

03 Time-saving electronic dockets

04 Improved in-field performance

05 Improved end-of-month reporting

06 Robust issues management
Origin’s APLNG Collaborative Well Delivery program is led by CPB Contractors. Their team of more than 1,000 gas gathering delivery experts are working across four gas fields to bring wells online faster than ever before. The program features more than 20 individual jobs, ranging from $2 million to $90 million each. After four successful years of program delivery, the team introduced E7 to help reach their next level of improvement. E7 has been the central source of project data since 2016 and, in the past 12 months alone, has supported:

- 13,600 photos and 4,800 user comments
- 9,500 progress and 346,000 cost entries
- 203,000 electronic subcontractor dockets
Key advantages

- Real-time schedule management and remote monitoring linked to P6
- Creating an electronic timesheet feature; eliminating thousands of handwritten dockets, fast-tracking entry by five days and removing the need for six resources
- Refocusing supervisor time for better in-field planning performance
- Creating an effective platform to manage issues between client and contractor
Real-time schedule management and remote monitoring

E7 is the project’s central location for data collection. This gives managers access to data in one place and promotes discipline in how that data is collected, enabling accuracy and timeliness. This, in turn, informs real-time decisions on the project’s delivery. Because E7 is linked to P6, it removes the common need to backengineer schedule data. Managers and senior leaders can interrogate the job, comparing real-time, up-to-date information against planned progress without that added, time-consuming step. They can also monitor work remotely, anytime, getting an instant snapshot of program performance as a whole, and down to individual projects. Part of the evolution of E7 on the project has also meant adding the ability to look at earned dollars using real-time resource rates, as well as earned manhours.
03

Time-saving electronic dockets

Prior to E7, a team of eight entered handwritten timesheet dockets. These could take up to seven days before the data was available. This process placed a significant load on supervisors who had to be involved in every step of the paper-based process. Using E7’s mobile app, the workforce is now entering that data. Timesheets are logged in real-time by workers, creating uniformity and accuracy by locking down options and ensuring only complete dockets are provided. This has eliminated thousands of paper dockets. Timesheets are reviewed by supervisors within a day, and verified by a team of two engineers the next day. Automation has saved on supervisor time and project salaries while fast-tracking better data. A flow-on effect is greater transparency and connectivity through all levels of the project, with field teams and leading hands knowing their cost codes. More ownership and discipline are driving greater improvements.
04

Improved in-field performance

The electronic timesheet feature has also created significant value in terms of planning. With approximately 650 employees, supervisors historically signed up to 50 paper dockets at 30 seconds per docket. Electronic timesheets enable supervisors to focus on planning their days first, improving the quality of prestarts and toolboxes and creating the freedom to address timesheets faster, later. Having reliable data the next day, not one week later, also means feedback can be provided to crews much sooner, enabling a faster improvement cycle.
Improved end-of-month reporting

Wider workforce participation is making processes like end-of-month docket/invoice reconciliations and calculations of accruals more efficient. This, in turn, improves the quality and timeliness of end-of-month reporting. As CPB Contractors’ client and subcontractors have controlled access to data, they can verify and support their own investigations and claims. Among a range of benefits, this is expected to further improve the end-of-month verification and claim cycle.
Robust issues management

In addition to project metrics like daily costings, program tracking and budget performance, E7 provides a simple framework to review events so managers can identify potential program or cost issues quickly and know whether delays are related to repeat issues, like material deliveries or weather. It creates a central point of truth to verify what’s happening program-wide, using the same language and measures. Being a cost reimbursable contract, this ability to look across all events and identify common issues means CPB Contractors can talk with their client about improvements that can be delivered together.
Origin’s APLNG Collaborative Well Delivery program

E7 is the leading field-based construction delivery platform, connecting project leaders with real-time insights and providing unparalleled visibility of project performance. With daily clear line of sight, E7 fills the gap between each end-of-month financial reporting cycle.

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