

Leading E&P Company Achieves Successful Field Data Collection with Catapult® Software

RESULTS

- 1.8 million asset attributes enriched in less than one year
- Safe data collection in difficult winter conditions from remote locations

APPLICATION

- Upstream/Midstream

CUSTOMER

Leading North American independent E&P company with heavy oil, conventional oil and gas operations as well as pipeline and midstream assets.

CHALLENGE

This independent E&P company was searching for a cost effective approach to collect and develop a comprehensive database containing detailed data about field assets/equipment located at their well sites, processing plants and heavy oil facilities in Canada. The end goal of the collected and enriched field data was to populate the equipment and assets databases in the enterprise's SAP EAM system. As this was a high profile initiative, senior management was focused on ensuring the project would meet an aggressive schedule due to seasonal access limitations to remote areas.

SOLUTION

A team of nearly 50 data collection and project specialists were deployed in small teams to collect field data across Alberta, Saskatchewan and NE British Columbia - an area covering approximately 670,000 square kilometers. This effort was carefully planned and managed by a core team of Emerson reliability consultants and client staff working collaboratively to ensure the people, processes and tools yielded the desired results. Catapult® software, an application that augments any EAM or CMMS by providing a means for managing, organizing and standardizing master data without compromising data integrity was used exclusively as the tool to enter, manage, QC and enrich the collected field asset/equipment data.



The project would meet an aggressive schedule due to seasonal access limitations to remote areas.

Results

In only 8 ½ months, Emerson's reliability consulting team spent over 70,000 man hours on the project and enriched a total of 1.8 million asset attributes. The field data collection team travelled nearly 500,000 kilometers, endured -40C winter temperatures and achieved the enviable safety record of zero incidents or accidents. Most importantly, the data collection process was completed within schedule for all assets despite difficult winter conditions and limited access to remote locations.

Emerson Process Management
Reliability Consulting

27 Glen Rd
Sandy Hook, CT 06482
(203) 264-0500

www.EmersonProcess.com/ReliabilityConsulting



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Process Management