

# ComCAM 15-160H Bucking Unit and Tubular Management Services Improve Efficiency, Save US\$2.3 Million



A ComCAM 15-160H bucking unit was used to make up the high-chrome-content tubulars into doubles onshore.

## Objectives

- Improve operational efficiency and increase rate of running chrome completions on a deepwater semi-submersible rig.
- The client had been experiencing difficulty in running the 7-in. super 13% chrome and 22% chrome upper completions with high rates of connection failures on the rig floor. The expected average of 354 premium connections being made up during completion running operations in the field was not being met.

## Our Approach

- Weatherford proposed an onshore premium connection Tubular Management Service solution consisting of a ComCAM 15-160H bucking unit and custom-built hydraulic pipe management system suitable for handling the high-chrome-content tubulars.
- The ComCAM 15-160H bucking unit was used to make up the chrome completion tubing into doubles onshore. That process effectively halved the number of connections to be made during the critical path of the completion running operation.

### LOCATION

Australia

### WELL TYPE

Gas

### FORMATION

8-1/2 in. open hole

### CASING TYPE AND SIZE

- 7-in. 29# 22Cr-125 VAM TOP
- 7-in. 29# S13Cr-110 VAM TOP
- 7-in. 32# S13Cr-110 VAM TOP HT

### LINER TYPE AND SIZE

7-in. 29# SM13 CrS-110 Hydril Wedge 563

### DEPTH

- 7-in. liner shoe at 17,356-ft (5,290-m) measured depth
- Approximately 11,483-ft (3,500-m) of 7-in. completion tubing deployed per well

### OTHER

Seven development wells completed with four wells run in doubles.

### PRODUCTS/SERVICES

- Tubular Management Services
- ComCAM 15-160H bucking unit
- JAMPro™ torque monitoring system
- Torque process control software



## ComCAM 15-160H Bucking Unit and Tubular Management Services Improves Efficiency, Saves US\$2.3 Million

### Value to Client

- By deploying the ComCAM 15-160H bucking unit to make up the chrome tubulars into doubles onshore, there was a significant reduction in failed connections.
- This improvement in reliability led to a savings of more than 15 hours of critical path time for every completion-running operation—an efficiency improvement of 29.89% valued at US \$585,938 per completion.
- The ComCAM 15-160H bucking unit also improved the run rate by 30%, from 6.76 joints per hour to 9.67 joints per hour.
- Total time saved across all completion running operations in the field totaled 62-1/2 hours of critical path time, representing a savings of US \$2.3 million.
- Making up the tubulars into doubles onshore resulted in manually handling fewer joints and a safer operation.



Using the ComCAM 15-160H bucking unit to make up the chrome completions onshore for added efficiency on the rig floor.

