

# CASE STUDY

## VERTECH GROUP

19 Walters Drive, Osborne Park

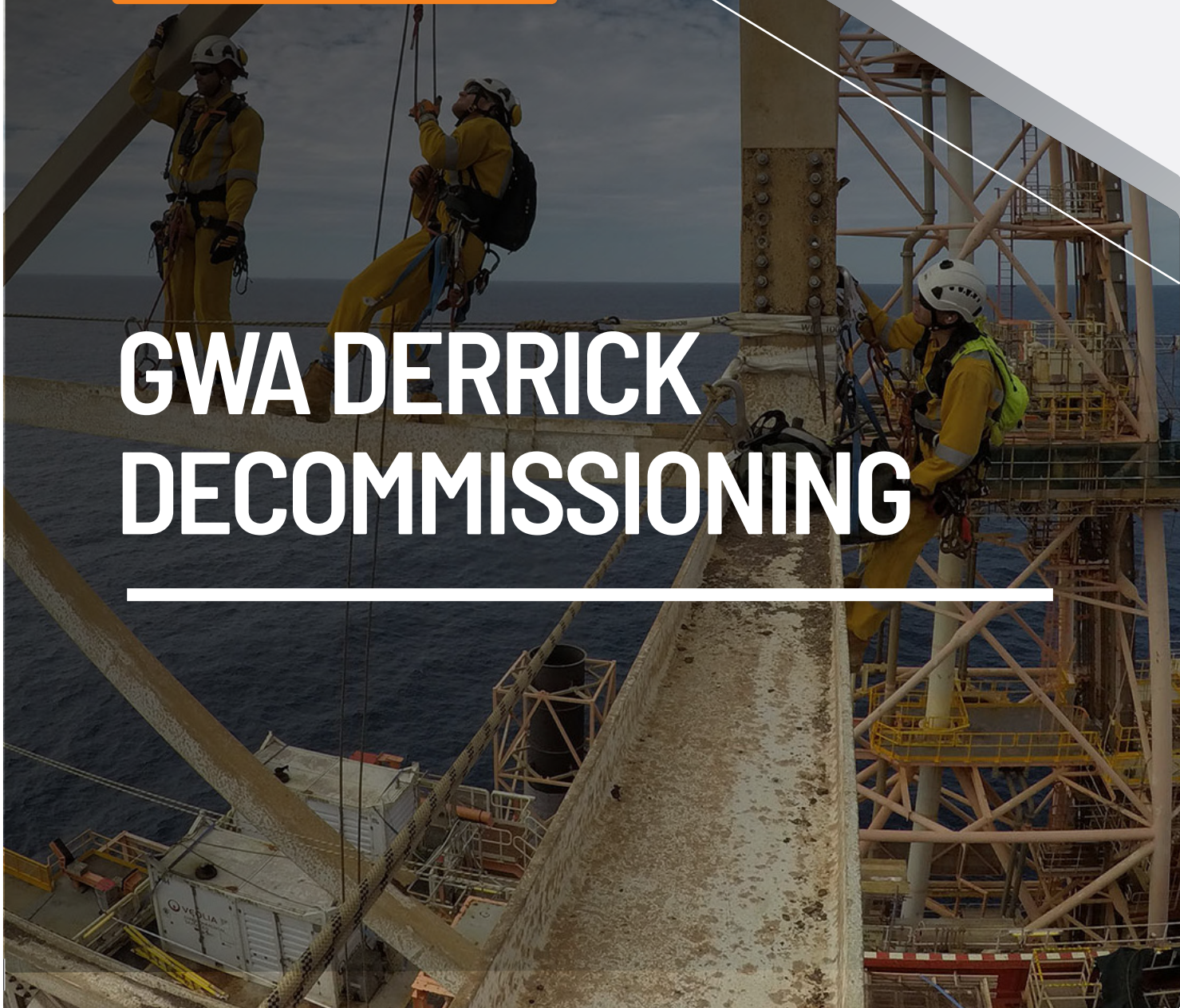
6017, WA, Australia

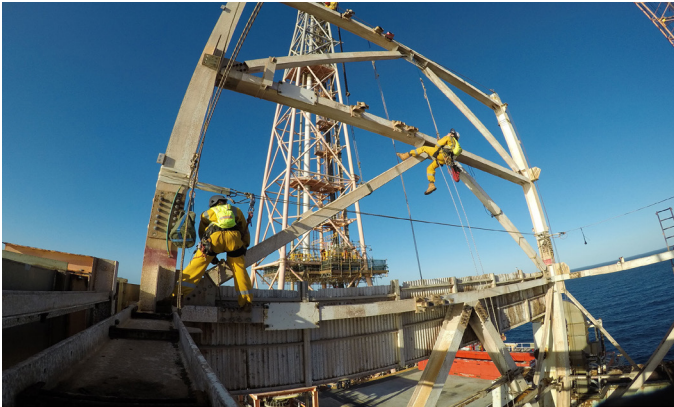
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# GWA DERRICK DECOMMISSIONING

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## 1 / Introduction

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Constructed in 1995, the Goodwyn Alpha is an offshore production platform known for producing dry gas and condensate. This remarkable 55,000-ton structure towers at a height of 290 meters. Situated 135km northwest of Karratha, the facility boasts a production capacity of 36,000 tons of

gas and 11,000 tons of condensate. As part of an initiative spurred by changes in standards post the Hurricane Katrina incident in the Gulf of Mexico, parts of the Goodwyn Alpha Derrick were earmarked for deconstruction and decommissioning.

## 2 / Innovation

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Veritech, recognised for its expertise in rope access heavy rigging methodologies, played a pivotal role starting from the planning phase. They extended consultation services to Woodside's EPCM. Safety was paramount, given the inherent challenges of working close to an operational flare.

To navigate these challenges, isolated scaffold work platforms were innovatively constructed using rope access, thus negating the need for

extensive scaffold access towers. This minimised the material footprint required offshore and effectively reduced manual handling exposure, chances of dropped objects, and simultaneous operations activities. The rope access approach allowed for the use of heavy mechanical tools at different heights across the Derrick.



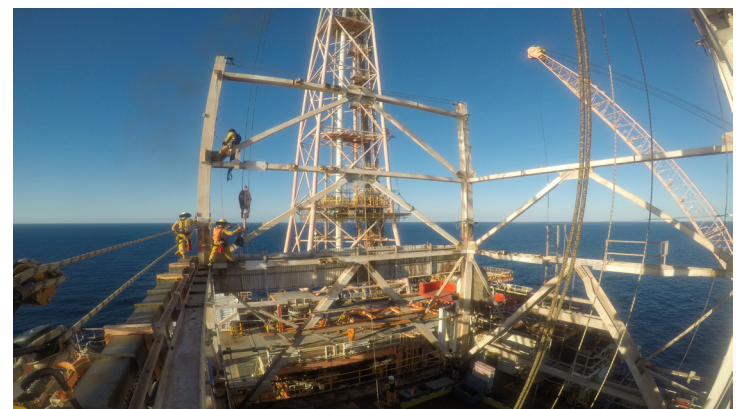
# 3 / Project Summary

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Renowned for undertaking high-risk projects in the Australasian region, Vertech was tasked with removing 120 tonnes of steel from the facility without hampering its production. Maintaining the facility's operational integrity was critical, so Vertech's multi-disciplinary technicians proved invaluable. The personnel ensured limited disruption to the daily operations of the platform. Handpicked for their diverse competencies, the team included specialists in mechanical trades, advanced rigging, electrical trades,

rope access scaffolding, and site management.

A stick deconstruction methodology was chosen for the project, with each lift meticulously planned and controlled by Vertech's lifting specialists. In conclusion, the project showcased Vertech's capability to efficiently and safely handle intricate decommissioning tasks, further solidifying its reputation in the industry.



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