

# SPIRIT ENERGY

## 62 Well Decommissioning Campaign covering EIS, SNS & GMA

Spirit Energy are seeking supply chain partners to plan and execute a long term 62 well decommissioning campaign covering the East Irish Sea (EIS), Southern North Sea (SNS) and the Greater Markham Area (GMA). This campaign shall integrate and capture synergies between Well P&A and topsides and pipeline engineering down and make safe work.

Spirits objective is to put in place a sustainable long term execution strategy and contract partnership built from either a jack-up drill rig or accommodation support barge set-up for both well P&A and facilities engineering down and make safe or an optimised combination of both vessel types. Direct engagement with companies that own vessels or alliances with vessel owners are strongly preferred.

Fully Integrated Package (62, 19-slant, 10 subsea)		
Package-1 14 (4-Subsea)	Package-2 24 (19-Slant)	Package-3 24 (5-Subsea)
Start c.2025 - 2026	Start c.2027 - 2030	Start c.2027 - 2030
York J6A Platform Eris Seven Seas Grove Deep Ceres	DP1 DP6 DP8 Removal Preparation Support	DPPA Grove Chiswick Kew J6A Subsea Rhyl EIS

Within the EIS there are 15 platform wells, 19 unique platform slant wells and 2 subsea wells. In the SNS North of the Humber there are 5 platform wells and 3 subsea wells and in GMA area there are 15 platform wells and 3 subsea wells.

In the EIS 10 vertical wells make up the entirety of the well stock on the DPPA platform. On a standalone basis it is probable that a standard drilling jack up would be the optimum vessel for executing the P&A of these wells. However, a work barge supporting a modular drilling unit may be competitive. The two subsea wells in the SNS would also traditionally require a standard drilling jack up. The remaining wells in the EIS are normally unmanned installation (NUI) based and will need to be abandoned using the Spirit owned modular slant rig detailed below. Whether this is best supported by a standard jack up or a work barge is to be determined. The large crane capacity of a work barge is advantageous for slant rig build and logistics whilst a drilling jack up supplies a more capable fluids package etc. It is envisaged that a combination of vessel rate, rental services spread rate and unit performance will be the determining factor in optimising vessel and campaign strategy.

For the SNS and GMA a standard jack up is most likely to be the optimum solution. However, the SNS York platform has 5 wells and GMA has 5 wells that require limited casing recovery operations so a work over type drilling jack up or a barge supporting a modular rig may provide a solution depending on the commercial balance of time versus spread cost. These wells may be available for abandonment as soon as 2025.



It is envisaged that a continuous decommissioning campaign commencing in / around 2026 in the SNS then moving to the EIS before returning to the GMA area may be possible. However, flexibility in the timings of the work will be required to maximise economic recovery and Spirit are also eager to understand how flexibility on the supply chain execution window could prove advantageous.

This is a significant package of work, estimated to be around 1250-1500 vessel days. With the potential for approx. around 250 additional days of topsides removal support work. The objective is to plug & abandon (P&A) the 62 wells safely whilst simultaneously engineering down the facilities in the most commercially advantageous manner whilst working in collaboration with the supply chain. The schedule is flexible, and Spirit Energy are looking for contractors who can deliver the campaign(s) in an agile manner. In addition to the decommissioning work, there is production enhancement opportunities in the EIS and SNS which could further add to the programme.

Abandonment philosophy and resulting abandonment scope for each well will be defined by Spirit in house over the next 18 months. Onshore and offshore execution support is not essential as Spirit retains a Wells Management system and organisation however to execute extra resource will be needed hence an outsource model for this will be considered.

The supply chain is invited to register interest in creating a long-term strategic partnership to deliver this 62-well decommissioning campaign. Interested parties are requested to submit a high-level summary by **COB 7<sup>th</sup> May 2024** on how they could deliver this campaign in an agile manner. Companies that own vessels or have material alliances with vessel owners are preferred. To ensure a robust understanding of rig / barge options the service spread to support the barge option is key to make a like for like comparison – summarised below.

Spirit Energy’s Owned Unique Modular Rig



Key Capability

- 5000PSI 60Nm Top Drive.
- 150mT R&P Super Single Mast (Push / Pull)
- 13 5/8” BOP Set-up with Handling Frame
- Automated Pipe Rack / Pipe Handler
- Self Erecting Mast
- X Y Hydalic Skidding Base
- Multifunction Palfinger Crane
- 3mT Tool Winch
- Drillers Cabin with Company Man Office



Included below is a summary of the services required to operate the unit (like-for-like comparison with Jack-up).

- Accomodation and Messing
- Cranage
- Bulks
- Drill Crew
- Well Services
- Mudpumps
- Standpipe Manifold
- Mud Return
- Cement Unit
- Well Control Equipment (excluding BOP)

### Background

- Opportunity to combine with jack-up or work barges to reduce spread rate on NUI's.
- Purpose made modular well P&A unit. Capable of Slickline, completion & cementing, milling, perf & wash and conductor recovery.
- Existing 12 well programme of work successfully completed to shakedown unit and build learnings/ efficiencies from.

