Novel Solution – Jack-up Well Workover Completed and Conductors Handed Over to a Platform

“Minimal Cost Drilling with Minimal Facility WHP Arrangement”
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Jack-up Drilling Arrangement

Texas deck with subsea guide frame designed so it can be handed over to minimal facility platform:

- Mudline Suspension System Supports all Casings and Deadweight of Tie-back Conductor Casings, Production Tubing and Xmas Trees
- Tie-back Conductors not Tensioned
Texas Deck Arrangement

Texas deck supporting Christmas trees, conductors and casings:

- LATERAL RESTRAINT ONLY
- CHRISTMAS TREE
- CONDUCTOR GUIDE & DOCKING SHIMS
- TEXAS DECK STEEL WORK

- TIE-BACK CASING
- PRODUCTION TUBING
- 30” TIE-BACK CONDUCTOR

- CENTRELSER

Deadweight of Tie-back Conductor Casing, Tubing and Xmas Tree Supported on Mudline Suspension Hangers

MUDLINE SUSPENSION HANGERS

SEA LEVEL EL 0.00
Texas Deck Load Transfer Arrangement

Jacket substructure positioned beneath Texas deck for load transfer:

- Small Piece Installed Structural Frame for Texas Deck Load Transfer
- Deck Installation Docking Guide Post typ.2 Places
- Future Lateral Support Frame
- Temp Hang-off Wires
- 2 x Jack-up Installed Docking Conductors
Wellbay Arrangements

Jacket position over pre-drilled conductors:

**PLAN ON TOP JACKET LEVEL**

- Work Deck for Beams to Slide Across to Support Conductor
- Open Bay for Pre-drilled Conductors
- 16m
- EL - 4.00
- Retrofit Conductor Protection Frame Supports (typ)

**Jack-up Approach to Second Wellbay**
(90° different to first approach direction)
Topsides Mating with Jacket

Topsides lowered over wellbay areas and mated with jacket:

- Topsides
- Jack-up Rig Removed
- Retrofit Conductor Protection Frame
- Diver Connected Internal Support Frame
- Lower Topsides Over Wells onto Jacket
- EL 0.00
- EL - 4.00
- EL + 6.00
- SEA LEVEL
Jack-up Drilling Arrangement

Jacket docking at the Jack-up pre-drilled wells and docking conductors:
Fitting Conductor Protection Frame

Conductor protection frame lowered into position:

Retrofit Conductor Protection Frame
Completed Texas Deck Transfer and Jacket/Topsides Mating

Overall arrangement:
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Thank You

“Minimal Cost Drilling with Minimal Facility WHP Arrangement”
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