

## Offshore Energy Database

### The Infield Worldwide Offshore Energy Database

Development of the Infield Offshore Energy Database commenced in 1985, since when the database has been built up into a considerable information resource that tracks every single offshore field from the first field on stream, Bibi Eibat in 1923 through to fields which are not expected to be decommissioned until the end of this century. The Offshore Energy Database is now considered to be one of the most comprehensive and accurate fields and facilities database in the industry.

The complete global Offshore Energy Database now comprises of over 8,500 offshore fields and details platforms, subsea wells, templates, manifolds, subsea processing, pipelines, control lines, single point moorings, on shore terminals, LNG and GTL facilities and plants and field ownership.

### The Infield Threshold

A field or new discovery is added to the Infield Offshore Energy Database when the operator announces it has discovered a new economic field, based upon estimates of proven plus probable reserves. The research team will track that new field, through appraisal drilling, planning development, construction and development, production and operations through to decommissioning.

### Field Tracking

In terms of field information the team look at the reserves, production rates, water depths, high temperature / high pressure and who are the operators and owners of the asset. The team then look at the development in terms of all of the subsea equipment (satellite wells, templated wells, templates, manifolds, subsea

processing), then in terms of the platforms, fixed or floating, production or support facility and then how the hydrocarbon flow is taken away from the field, whether by offshore loading or by trunk export line.

All of these elements are then tied together using the pipelines, flowlines and umbilicals. This bottom up, component by component, "well to shore" analysis of each field is the basis for the OFFPEX Market Modelling and Forecasting System.

### Data Sets

- Offshore fields, shallow & deepwater
- Floating production systems
- Floating storage offloading facilities
- Fixed platforms
- Subsea completions
- Templates
- Manifolds
- Subsea processing
- Trunk export lines
- Flowlines, rigid & flexible
- Control lines & umbilicals
- Single point moorings
- Onshore terminals
- LNG & GTL facilities
- Specialist Vessels
- Yards
- Drilling Rigs