Petrel Ocean Integration

OVERVIEW

The PARS Petrel Ocean module integrates with the Ocean ecosystem to leverage comprehensive access to Petrel projects and the seismic data they reference. Ocean enables PARS to extract very detailed metadata from the projects and optionally archive underlying seismic data.
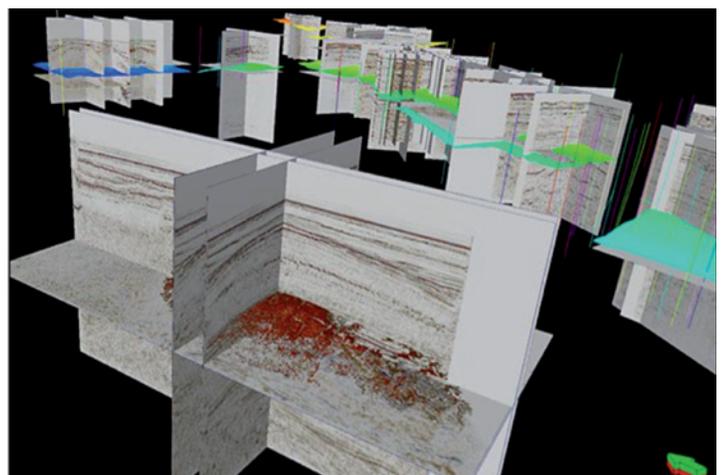
Petrel E&P Software Platform helps increase reservoir performance by improving asset team productivity. Geophysicists, geologists, and reservoir engineers can develop collaborative workflows and integrate operations to streamline processes.

KEY BENEFITS

- PARS Ocean plugin integrated into the Petrel environment.
- Optional collection of referenced seismic data.
- Support for Petrel 2007 projects onwards.
- Detailed project information collected as metadata.
- Capture of project extent & CRS information.
- Filesystems are searched to locate Petrel projects.

INTEGRATING TO THE PETREL ENVIRONMENT

The PARS Petrel Ocean module integrates within the Petrel environment as a plug-in. This plug-in enables PARS to continually monitor the project through it's lifecycle and record metadata as the project is updated.

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PROJECT INFORMATION REPORTS

Project information reports are created during the archive process and contain information on wells, boreholes, faults & horizons. All information in the project reports is searchable through the PARS web interface.

PARS™

Application Index | Project Index | Project Information

Project Name : :us_test

Archive Date : 2012.02.21 00:59:04 GMT

Summary Information

Project Summary
Project Metadata

Seismic Data

2D Lines
2D Seismic
3D Lines
3D Seismic

Well Data

Wells

Interpretation Data

Faults
Horizons

Project Summary

Name	Value
Project Path	C:\PARS_Demo\DATA\Petrel_Ocean\us_test.pet
Application and Version	Petrel : 20111.0
Project Type / Study Type	Reference
Project Measure Unit	meter
Last Update Date	2012-01-19T11:07:33Z
Project Creation Date	2012-01-27T16:07:48.8370836Z
Project CRS	700
Min Lat	41.5423145
Min Lon	-108.5488542
Max Lat	41.612151
Max Long	-108.5999522
Count of 3D Surveys	14
Count of 2D Surveys	21
Count of 2D Lines	461
Count of td Wells	7
Count of td Horizons	103
Count of td Faults / Fault Planes	352
Archive Node OS	Windows XP x86 5.1
Archive Node HostName	Gloria

LINKED INFORMATION

Linked data sets such as wells & boreholes are logically related within the reports to enable faster location of relevant data.

Wells

Name	BoreHoles	Comments	Short Description	Description	Last Modified Time	Last Modified By
Producers	producers boreholes				2006-12-13T12:55:48	markhall
Injectors	injectors boreholes				2006-12-13T12:55:48	markhall
Other wells	other wells boreholes				2006-12-13T12:55:48	markhall
Proposed wells	proposed wells boreholes				2006-12-13T12:55:50	markhall
Optimized wells	optimized wells boreholes				2006-12-13T12:55:50	markhall
Uncertainty Model	uncertainty model boreholes				2006-12-13T12:55:48	markhall
Osprey	osprey boreholes				2006-12-13T12:55:48	markhall

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