

SOFTWARE RELEASE NOTES dbMap/Web Version 2017.2.3



dbMap/Web 2017.2 introduces a range of extensions to the PPDM 3.8 Wells and Records Management modules. New Wells module data types:

- Paly/Paleo
- Completions
- Sand Summaries
- Sample Analysis
- Relationships
- Well Status

New Records Management features:

- Copies
- Keywords
- Ancillary Data
- Links to additional data types (Basins, Fields and Permits)

PPDM 3.8 Wells Module Extensions

The PPDM 3.8 well module has been extended to support a wider selection of PPDM Well data types.

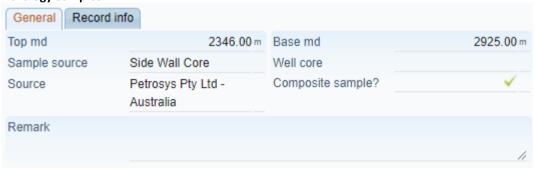
Paly/Paleo

Screens have been added to capture palynological and paleontological data related to the well, including summary, lithology sample, fossil and interpretation information.

Summary

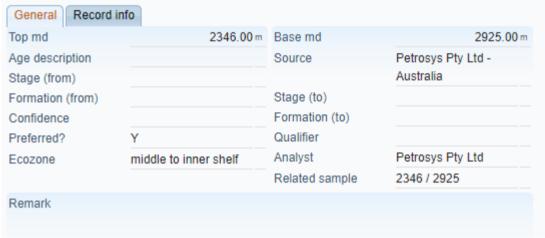


Lithology Samples



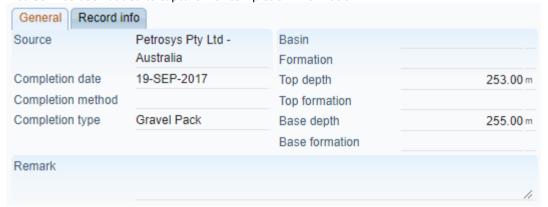


Interpretation



Completions

A screen has been added to capture well completion information.



Sand summaries

A screen has been added to capture sand summary information for the well, such as sand and pay sizes, porosity and water saturation.

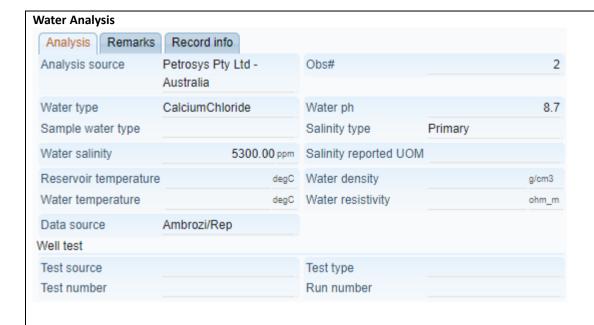


Sample Analysis

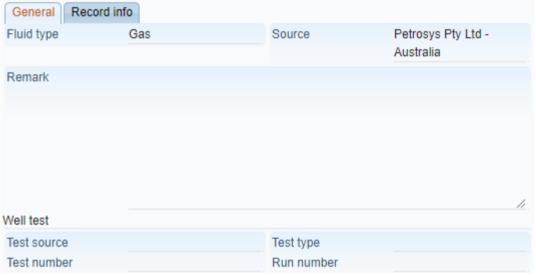
Screens have been added to capture gas and water analysis details.

Analysis Details

General Remarks	Record info			
Basin	Bowen-Surat Basins	Source	Petrosys Pty Ltd - Australia	
Top formation	Bandanna Fm	Base formation	Kaloola Mbr	
Top depth	674 m	Base depth		885 m
Analysis company	Petrosys Pty Ltd			
Analysis date	20-SEP-2017	File number	152	
Analysis quality	REAL			
Collection type		Sample location		
Received date	15-SEP-2017	Sample date	10-SEP-2017	
Reported date	28-APR-2017	Reported tvd		674 m



Gas Analysis



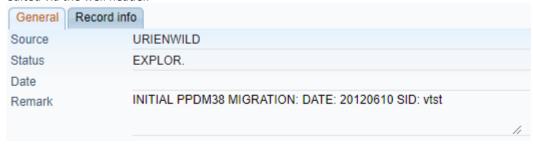
Relationships

A screen has been added to define relationships between wells, such as sidetracks or intersections.

Well Relationship type Related well
AC 24 SS1 ST1 is Sidetrack of AC 24 SS1

Well Status

A screen has been added to capture the current and historic statuses of the well. The current well status is still displayed and edited via the well header.



Tops – Allow top and base depths to be specified

The Tops screen has been extended to allow entry of both a top and base depth at the same time. The top/base TVD and TVD SS will be automatically computed using directional survey data, if it exists.

General Mis	scellaneous Remarks	Data qua	ality	
Basin	Powder River Basi	n f	Formation	SHANNON UPPER
Туре	Formation	Į.	Unit type	Formation Top
Pick date		[Dominant lithology	
Source	Rocky Mountain O Testing Center	ilfield I	nterpreter	Brian J. Black
Top depth	104	4.99 m E	Base depth	132.05 m
Top TVD	104	1.99 m E	Base TVD	132.05 m
Top TVD SS	1487	7.89 m E	Base TVD SS	1460.83 m
Top TWT		ms [Base TWT	ms

Records Management Extensions

Several new features have been added to Records Management (RM).

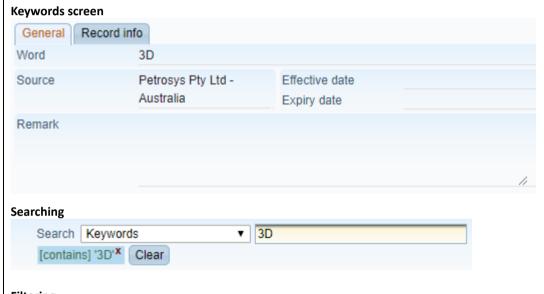
Copies

The Copies functionality can be used to specify the lineage of an RM item, by associating two items together as a 'Copied to' or 'Copied from' relationship. Copies can also be defined as full or partial copies.

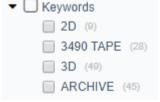


Keywords

The Keywords screen allows assignment of predefined keywords to an RM item. These keywords can be used to quickly search and filter items.



Filtering



Ancillary Data

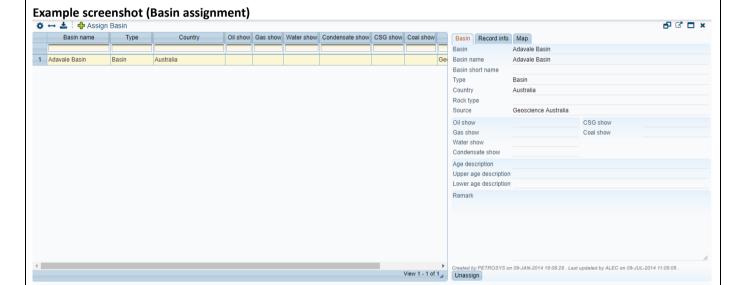
The ancillary data screens can be used to capture additional information about an RM item that relates to a specific type of item. The currently ancillary types are Well, Seismic survey, Permit, Borehole, Culture and Other geophysical. Each type has a custom interface with fields relevant to the selected type.

Example Ancillary Screen (Well)

UWI	300000291389		Well name	BA 504 1	
Contractor	Petrosys Pty Ltd		Originator	Petrosys Pty Ltd	
Author	Petrosys		Publication		
Media identifier			File no	1	
Top depth	1368.00	m	Point depth		m
Bottom depth	1649.00	m	Depth units	Metres	
Vertical Scale (cmVsec)		Original depth units		
Log run			Curve name		
Log tool type			Curve type		
Remark					
					11

Basins, Fields and Permits

Screens have been added to allow links between RM items and Basins, Fields and Permits to be added or removed.



Enhancements

dbMap/Web - Client

69341 Well Tests and Interpretation screens merged (Origin)

Bug Fixes

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dbMap/Web - Client
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69297 Advanced search filter by formation on Coal Summaries fixed (Origin)

69176 Failure to save some indicators in WELL HEADER screen fixed (Origin)

dbMap/Web - General

68919 Display of unusable "add" button on lookups fixed

dbMap/Web - PLDB

68932 Adding a new Play when selecting a Play for a Prospect target issue fixed (Pldb)

Petrosys Release dbMap/Web 2017.2.3

Detailed Release Notes

dbMap/Web - Client

Enhancements

Well Tests and Interpretation screens merged (Origin)

69341

Well tests and well tests interpretation screens have been merged into a single one for the Origin/ PPDM38 branch.

dbMap/Web - Client

Bug Fixes

Advanced search filter by formation on Coal Summaries fixed (Origin)

69297

A bug, in advanced search, that prevented a wells/ coal summaries filter by formation has been fixed.

Failure to save some indicators in WELL HEADER screen fixed (Origin)

69176

A bug prevented some indicator fields in the well header screen from being properly saved has been fixed.

dbMap/Web - General

Bug Fixes

Display of unusable "add" button on lookups fixed 68919

A bug causing the "add" button on lookup pop-up screens to be displayed even when it could not be used has been fixed

dbMap/Web - PLDB

Bug Fixes

Adding a new Play when selecting a Play for a Prospect target issue fixed (Pldb) 68932

A bug causing an error when the user tried to add a new play via the play lookup on the target definition screen has been fixed.

Enhancements

Bug Fixes

dbMap/Web - General

69061 Fixed error 400 (Bad Request) at some lookup fields when accessing via Internet Explorer 11

Petrosys Release dbMap/Web 2017.2.2

Detailed Release Notes

dbMap/Web - General

Bug Fixes

Fixed error 400 (Bad Request) at some lookup fields when accessing via Internet Explorer 11 69061

An improper handling of web requests, causing some versions of the TOMCAT server to issue an error message reporting a "bad request" (error code 400) condition when accessed via Internet Explorer 11, has been fixed. This issue affected only lookup fields that depended on other lookups, such as states of a country or features of a group, for instance, and did not affect a number of other browsers, such as Mozilla Firefox and Google Chrome.

Enhancements

dbMap/Web - Client
67099 CSG Portal (Origin)
dbMap/Web - General

68957 Added support for dbMap GIS as source for geometry Import

67464 Records Management - Common fields and document content searches integrated

dbMap/Web - PLDB

67458 Added import option for Drilling Opportunity Target Resource Computation screen

Bug Fixes

Petrosys Release dbMap/Web 2017.2.1

Detailed Release Notes

dbMap/Web - Client

Enhancements

CSG Portal (Origin)

67099

Functionality has been added to dbMap/Web to replace the Origin CSG Portal.

dbMap/Web - General

Enhancements

Added support for dbMap GIS as source for geometry Import 68957

Direct import from dbMap GIS feature has been implemented for all geometry capable entities in dbMap/Web: basins, fields, permits and facilities.

Records Management - Common fields and document content searches integrated 67464

The search functionality in the records management panel has been enhanced to combine searching document contents and record metadata.

dbMap/Web - PLDB

Enhancements

Added import option for Drilling Opportunity Target Resource Computation screen 67458

An option to import a spreadsheet containing a resource computation has been added to the Drilling Opportunity Target's resource computation child screen. Now it's possible to create a resource computation for a DOP/Target by loading an existing one into it.

Enhancements

dbMap/Web - Client

<u>67193</u>	Added 'Attachments' options to Perforation screen (Greymouth)
<u>66691</u>	Well Test grid columns updated (Origin)

Wells / RFT screens converted to use PPDM style units (Santos)

67361 WSC Field lookup only lists relevant fields (Origin)

dbMap/Web - General

<u>64280</u>	Added ability to specify a base depth and to compute TVD and TVD/SS for well formation tops
<u>66931</u>	New Permit Alias screen added
<u>68751</u>	PPDM 3.8 Wells Module Extensions
<u>68756</u>	Records Management Extensions
<u>67340</u>	Users can now change their passwords in dbMap/Web

Bug Fixes

dbMap/Web - Client

68783 Fixed advanced search filters for sand summaries (Santos)

dbMap/Web - General

68625 Lookup dependency issue in Data Exchange screens fixed
 67330 Usernames with a full stop can now be added and edited
 68559 Records can now be added to an existing public selection list

67754 Oracle TIMESTAMP columns are now properly identified in advanced search

68136 Log date field in the well logs browser's log run block changed to show the log's effective date

dbMap/Web - PLDB

68264 Creation of business unit related portfolio snapshot fixed

Petrosys Release dbMap/Web 2017.2

Detailed Release Notes

dbMap/Web - Client

Enhancements

Added 'Attachments' options to Perforation screen (Greymouth) 67193

The 'Attachments' option has been added to the 'dbMap/Web - Wells / Perforations' screen. This allows notes, web links, images and links to records management items to be added to the perforation.

Well Test grid columns updated (Origin)

66691

The well test panel list, which showed two columns labeled "Objective formation", has been modified to show only one. The remaining column contains the formation name or its identifier, whatever is available.

Wells / RFT screens converted to use PPDM style units (Santos) 67042

The 'dbMap/Web - Wells / RFT' screens have been converted to use PPDM style units (similar to the unit handling in PLDB). This allows for consistent units to be displayed across the RFT screens.

WSC Field lookup only lists relevant fields (Origin) 67361

The 'Field' lookup on the 'dbMap/Web - Well Spec Cards / Well Details' screen has been modified to only list fields with a 'Field type' of 'Surface Field Area'. The 'Field Type' can be modified on the 'dbMap/Web - Fields' screen.

dbMap/Web - Client

Bug Fixes

Fixed advanced search filters for sand summaries (Santos) 68783

Fixed a bug in advanced filter for sand summaries under well/ reservoir summaries. The bug was preventing any filter criteria from becoming effective.

dbMap/Web - General

Enhancements

Added ability to specify a base depth and to compute TVD and TVD/SS for well formation tops 64280

dbMap/Web has been enhanced to allow the definition of a base depth to a formation top. There are also provisions in place to compute TVD and TVD/SS from an informed top or base depth, as well as for manually overriding the computed values in each case.

New Permit Alias screen added

66931

A new screen, adding the ability to define aliases for permits, has been added to the "Permit" screen in all PPDM 3.8 related builds.

PPDM 3.8 Wells Module Extensions

68751

The PPDM 3.8 Wells module has been extended to include data entry screens for paly/paleo, completions, sand summaries, sample analysis (water and gas), well relationships and well status.

Records Management Extensions

68756

Records management has been extended to include functionality for copied items, keywords, ancillary data and the ability to link items to Basins, Fields and Permits.

Users can now change their passwords in dbMap/Web 67340

dbMap/Web's user management related functionality has been improved, allowing users to change their own passwords directly in dbMap/Web.

dbMap/Web - General

Bug Fixes

Lookup dependency issue in Data Exchange screens fixed

68625

A bug, causing dependency among lookup fields to be ignored in the Data Exchange screens, has been fixed; all defined dependencies are now properly enforced.

Usernames with a full stop can now be added and edited 67330

A bug, preventing usernames containing a full stop (SOME.USER, for instance) from being added and/ or updated via the user administration screen of dbMap/Web, has been fixed.

Records can now be added to an existing public selection list 68559

Fixed a bug preventing users from adding items to a public selection list, if one of their selected items was already in the stored list.

Oracle TIMESTAMP columns are now properly identified in advanced search 67754

A bug, causing TIMESTAMP columns to be treated as TEXT, rather than DATEs, in dbMap/Web's advanced search, has been fixed.

Log date field in the well logs browser's log run block changed to show the log's effective date

Fixed a but causing the log date field in the well logs browser's log runs section to show the database row changed date, rather than the log's effective date.

dbMap/Web - PLDB

Bug Fixes

Creation of business unit related portfolio snapshot fixed 68264

A query bug, preventing a user from creating a snapshot for a portfolio linked to a business unit, has been fixed; this bug didn't affect corporate related portfolios.