



Software Release Notes

dbMap/Web Version 2025.1

dbMap®

PLDB™

1 Overview

The dbMap/Web 2025.1 release introduces Records Management Orders and Transmittals with full circulation history tracking, enabling easier control of record exchanges. Users can now edit stored SQL queries and reports through the dbMap/Web interface, and the platform has been upgraded with the latest security updates to enhance stability and performance.

2 Records Management – Orders, Transmittals & Circulation History

A new Orders and Transmittals workflow is now available in Records Management to make sharing and receiving information more streamlined and transparent.

Users can now create orders to request items, while the asset managers oversee approvals and fulfillment. Once an order is approved and sent, a transmittal document is automatically generated to record the exchange. Each order also captures a detailed circulation history, giving full visibility into when and where items have been sent. Automated email notifications keep stakeholders informed throughout the order process.

Order Items

Order Details

Order number300234686384

Type

Requested byTester

Requested by emaildave.hudson@petrosys.c

Delivery Details

Required date

Deliver to

Deliver to email

Deliver to address

Note

		Title / filename	Asset type	Category	Sub category
1		1981 BONAPARTE TAPE	Physical item	Seismic	2D Seismic
2		1980 BONAPARTE TAPE	Physical item	Seismic	2D Seismic

View 1 - 2 of 2

Cancel

Submit Order

The update also adds support for Incoming Transmittals, allowing you to easily capture and document items received from external sources.

General **Record info**

Transmittal Details

Transmittal number: 300234686386

Type: Incoming

Received date: [Date Picker]

Received from: [Text Field]

Email: [Text Field]

Address: [Text Field]

Approved date: [Date Picker]

Approved by: [Text Field]

Approved by email: [Text Field]

Note

[Text Area]

Cancel OK

3 Stored SQL Query Editing in dbMap/Web

The new Admin/Reference Tables/SQL Reports option allows you to edit and create new SQL reports and Data selection queries. It has a subset of the functionality from the Petrosys PRO 'Admin/Reports/Edit screen...' focused on dbMap queries specifically.

	Data type	Owner	Query name	Last updated	Data selection	Report	Query UID	Query	Description
1	Wells	Default	ADMIN: Well Logs: Extract Well Log Dictionary curve format file for E	06-OCT-2021	N	Y	DFLT300000302981	with curves as (select * from	Checkshots: Any
2	Wells	Default	ADMIN:PSDE_GENERIC_LOG_OBLIGATIONS	27-APR-2022	N	Y	0600001	select log_text from psde_	SELECT DISTINCT UWI OBJECT_UID FROM WELL_CHECKSHOT_SURVEY
3	Wells	Default	BUBBLE: TD-um	01-NOV-2009	N	Y	DFLT300000184015	SELECT w.well OBJECT_ID	
4	Wells	Default	Checkshots: Any	03-DEC-2015	Y	N	DFLT300000301463	SELECT DISTINCT UWI O	
5	Wells	Default	Choose wells based on data existence	06-NOV-2021	Y	N	DFLT300000302932	SELECT w.UWI FROM well	
6	Wells	Default	Cores: Sample Analysis details	03-AUG-2018	N	Y	DFLT300000302838	select w.WELL_NAME, w	
7	Wells	Default	CO Quality - Checkshots List: Quality Rules that failed	15-FEB-2018	Y	Y	DFLT300000302462	select S.UWI "Uwi", W	
8	Wells	Default	CO Quality - DirSurveys List: Quality Rules that failed	15-FEB-2018	Y	Y	DFLT300000302461	select S.UWI "Uwi", W	
9	Wells	Default	CO Quality - Formation Type List: Quality Rules that failed	15-FEB-2018	Y	Y	DFLT300000302460	select W.WELL_NAME "W	
10	Wells	Default	CO Quality - Wellheader List: Quality Rules that failed	15-FEB-2018	Y	Y	DFLT300000302459	select W.UWI "Uwi", W	
11	Wells	Default	Data Admin: Wells in Table	07-JUN-2019	Y	N	DFLT300000302871	SELECT DISTINCT UWI O	
12	Wells	Default	Depths: Grid Water Depth	01-NOV-2009	N	N	DFLT1001000000731	SELECT UWI OBJECT_UID	
13	Wells	Default	Dir Surveys: All	01-NOV-2009	N	Y	DFLT1001000000418	SELECT A.UWI OBJECT_I	
14	Wells	Default	Dir Surveys: Any	01-NOV-2009	Y	N	DFLT1001000000969	SELECT DISTINCT UWI O	

4 Infrastructure and Security

Alongside the new features, this release delivers important updates to the underlying platform, keeping dbMap/Web current with the latest library versions for enhanced security, stability, and overall performance.

Detailed Release Notes Summary dbMap/Web 2025.1

Enhancements

dbMap - Administration

[85647](#) GeoServer upgraded in dbMap/Web 2025.1

dbMap/Web - Administration

[85656](#) dbMap/Web 2025.1 licensing - New license file required

[86284](#) Help/About licensing page now shows more information session usage

dbMap/Web - Client

[82833](#) dbMap Oracle spatial upgrade available for clients running Oracle 19c SE2

[84696](#) Seismic viewer - added automatic depth-based gain display options

[85671](#) Amplitude Energy - Updated corporate branding (Amplitude Energy only)

[85814](#) Updated Santos well symbol images for release 2025.1 (Santos only)

[86164](#) PPL - Updated the corporate logo (PPL only)

[86459](#) Updated MEDCO well symbol images for release 2025.1 (MEDCO only)

[84561](#) Wells - Compute BH Location - Fallback to survey TD if well final TD is not populated (Santos only)

dbMap/Web - General

[47970](#) SQL Reports and Data selection queries can now be edited in dbMap/Web

[85976](#) Data loading - Descriptions of merge mode have been improved and a warning now displayed when doing a replace

[83056](#) Reference Tables / Well Log Dictionaries - Added support for user defined dictionary ID's

[82578](#) RM - Bulk linking - Now shows more columns when selecting RM items

[85982](#) Fields - Discovery date added to the panel

[86383](#) Performance improved for GIS attribute views

[84849](#) Records Management - Added support for orders, transmittals and circulation history

[85575](#) Third party library security upgrades

[86520](#) Unsupported data loaders have been removed

[86412](#) Wells / Samples - Added analysis report remark to the analysis lists and panels

[85655](#) Wells / Samples / Gas Composition - Calculation result applied to correct database column

Detailed Release Notes Summary dbMap/Web 2025.1

Bug Fixes

dbMap - Client

[86442](#) Laboratory on the Analysis Report reference screen can now be changed

dbMap/Web - Administration

[86435](#) Support Oracle database service names with embedded '.'

dbMap/Web - Client

[85271](#) Wells - Fixed a bug when launching the reference screen via the business unit lookup (Santos only)

[85749](#) Records Management security improved

dbMap/Web - General

[86260](#) Deleting GIS groups with lots of attributes is now faster

[86645](#) Wells - Calculations of the well BH location includes updating the associated CRS

[86112](#) Export - Fixed 'Include parent data (denormalised)' export option

[86279](#) Wells / Production - Single and multi well charts consistently handle NULL values

[86724](#) Fields - Field type changes are saved to the database

[86610](#) Well header loader - Removed support for CURRENT_STATUS_DATE database column

[86303](#) SeismicSurvey / Seismic Lines / RM Catalog - Fixed RM Bulk Link option

[86722](#) Fields - Removed duplicate 'Field type' columns from the list

[86697](#) Single Sign On - Fixed handling of expired authentication tokens

[85608](#) Working Area - Fixed behaviour when resizing the dialog

[85611](#) Admin / Reference Tables / PPDM - General reference list is sorted in alphabetical order

[86257](#) Audit history archive job performance improvements

[86651](#) GIS / Features list populated when the feature has no attributes

[86335](#) Note added to list footers if more than 1.5M rows are being shown

[86429](#) Records Management - Consistent filter option on all RM Catalog screens

[86475](#) Records Management performance improvements

[85237](#) RM / Wells - Fixed panel display issue

[84878](#) Well Spec Card / Well Details - Fixed error shown when loading the screen

dbMap/Web - PLDB

[83920](#) PLDB - Resource Computation - Improved validation of numeric values

Petrosys Release dbMap/Web 2025.1

Detailed Release Notes

[dbMap - Administration](#) [Enhancements](#)

GeoServer upgraded in dbMap/Web 2025.1

85647

A new version of GeoServer is being deployed alongside the 2025.1 release of dbMap/Web. See the installation guide for details on deploying.

[dbMap - Client](#)

[Bug Fixes](#)

Laboratory on the Analysis Report reference screen can now be changed

86442

In dbMap/Web 2024.4 support for changing the Laboratory on the Analysis report reference screen was added. However, some clients did not receive the required database upgrade that went with it. This has now been included for all clients.

[dbMap/Web - Administration](#) [Enhancements](#)

dbMap/Web 2025.1 licensing - New license file required

85656

To use dbMap/Web 2025.1, a new license file is required. Acquire your license file by logging in to the Petrosys Client Portal or reaching out to Petrosys Support.

Help/About licensing page now shows more information session usage

86284

The license usage section on the Help/About page now includes more information about when dbMap/Web sessions were first started and when they last contacted the server.

[dbMap/Web - Administration](#)

[Bug Fixes](#)

Support Oracle database service names with embedded '.'

86435

dbMap/Web now supports connecting to Oracle databases with a '.' in the service name. Previously this would give an error.

[dbMap/Web - Client](#) [Enhancements](#)

dbMap Oracle spatial upgrade available for clients running Oracle 19c SE2

82833

A separate additional database upgrade package `oracle19SpatialUpgrade_2025_1.tar.gz` is included for clients running Oracle 19c Standard Edition 2, to upgrade the Oracle spatial component used by dbMap database. This upgrade is required before applying Oracle security patch sets after 19.17. See the `upgradeSpatial_README.txt` in the package for details or contact support@petrosys.com.au for more details.

NOTE: If this upgrade is not applied before applying the latest patch sets, it could result in errors and invalid spatial objects. This is not required for clients running Oracle Enterprise Edition.

Seismic viewer - added automatic depth-based gain display options 84696

Added the option to automatically adjust the display gain based on the data range of vertically near samples. When enabled, the gain strength and sample depth range can be adjusted.

Amplitude Energy - Updated corporate branding (Amplitude Energy only) 85671

Updated the corporate branding in the Amplitude Energy configuration.

Updated Santos well symbol images for release 2025.1 (Santos only) 85814

Santos custom well symbols have been added to dbMap/Web.

PPL - Updated the corporate logo (PPL only) 86164

Updated PPL's configuration to use their new corporate logo.

Updated MEDCO well symbol images for release 2025.1 (MEDCO only) 86459

Incorporated custom well symbols for Medco.

Wells - Compute BH Location - Fallback to survey TD if well final TD is not populated (Santos only) 84561

Computation of the well BH location has been changed to fallback to using the survey TD if none of the relevant well depths have been populated. A warning is shown in the completion report when the survey TD is used.

dbMap/Web - Client

Bug Fixes

Wells - Fixed a bug when launching the reference screen via the business unit lookup (Santos only) 85271

Fixed a bug launching the 'Business units' reference screen via the 'Admin. business unit' lookup on the 'Wells' screen (Santos only).

Records Management security improved 85749

Security for Records Management has been tightened for clients that have it implemented. Previously, users with restricted access could read directly from the PETROSYS.RM_PHYSICAL_ITEM table using sqlplus, avoiding the security view that was in place. This is now no longer possible.

dbMap/Web - General

Enhancements

SQL Reports and Data selection queries can now be edited in dbMap/Web 47970

The new Admin/Reference Tables/SQL Reports option allows you to edit and create new SQL reports and Data selection queries. It has a subset of the functionality from the Petrosys PRO 'Admin/Reports/Edit screen...' focused on dbMap queries specifically.

Data loading - Descriptions of merge mode have been improved and a warning now displayed when doing a replace

85976

The descriptions on the Merge / Keep / Replace / Replace all options have been improved to help clarify how they will change the data. Also if a user is performing a 'Replace' or 'Replace all' load and have trial run turned off, they are also prompted if they are sure they want to continue.

Reference Tables / Well Log Dictionaries - Added support for user defined dictionary ID's

83056

Added support for user defined dictionary ID's on the 'Admin / Reference Tables / Well Log Dictionaries' screen.

RM - Bulk linking - Now shows more columns when selecting RM items

82578

The list on RM Catalog/Bulk link option available for Wells and other objects, now shows the same details as the Records Management list. Previously it just listed file names that had been cataloged.

Fields - Discovery date added to the panel

85982

'Discovery date' has been added to the 'Fields' panel.

Performance improved for GIS attribute views

86383

The GIS attribute views used by the Features panel is significantly faster, particularly for groups that have more than 10 attributes and a large number of polygons. Previously it could take over a minute to display anything or even time out. Now it takes 1-2 seconds.

Records Management - Added support for orders, transmittals and circulation history

84849

A new Orders and Transmittals workflow is now available in Records Management to make sharing and receiving information more streamlined and transparent.

Users can now create orders to request items, while the asset managers oversee approvals and fulfillment. Once an order is approved and sent, a transmittal document is automatically generated to record the exchange. Each order also captures a detailed circulation history, giving full visibility into when and where items have been sent. Automated email notifications keep stakeholders informed throughout the order process.

The update also adds support for Incoming Transmittals, allowing you to easily capture and document items received from external sources.

Third party library security upgrades

85575

Upgraded third party libraries to get the latest security updated.

Unsupported data loaders have been removed

86520

The following unsupported data loaders have been removed from the 'Admin / Data Exchange / Import' screen:

- Well Checkshots
- Well directional surveys
- Well formation tops
- Well header
- Well perforations
- Well Tubing

Wells / Samples - Added analysis report remark to the analysis lists and panels

86412

Added the analysis report remark to the list and panel for all relevant analysis types under the 'Wells / Samples' screen.

Wells / Samples / Gas Composition - Calculation result applied to correct database column 85655

Fixed a bug causing the calculation results on the 'Wells / Samples / Gas Composition' to be written to an incorrect database column. The database scripts for this release include a data fix to move existing data to the correct column.

dbMap/Web - General

Bug Fixes

Deleting GIS groups with lots of attributes is now faster 86260

When deleting a GIS group with lots of attributes it could take a long time to run and potentially time out for very large groups as items were deleted one at a time by the database triggers. The deletes are now performed in large batches making it faster and less likely to timeout.

Wells - Calculations of the well BH location includes updating the associated CRS 86645

When calculating a wells BH location, the CRS associated with the BH location is also updated to ensure it remains in sync with the SH CRS.

Export - Fixed 'Include parent data (denormalised)' export option 86112

Fixed a bug causing an error when the denormalised export option was selected when exporting data from a grid in dbMap/Web.

Wells / Production - Single and multi well charts consistently handle NULL values 86279

Production charts launched via the 'Wells' (multi well) and 'Wells / Production' (single well) have been updated to be consistent when displaying data that include 'NULL' value.

Fields - Field type changes are saved to the database 86724

Fixed a bug preventing 'Field type' being set on the 'Fields' screen.

Well header loader - Removed support for CURRENT_STATUS_DATE database column 86610

The CURRENT_STATUS_DATE columns has been removed from the 'Well header' loader template and is ignored if the column is manually added to the template. The column is not used by the application and can cause confusion when populated and not in sync with the WELL_STATUS records for the well.

SeismicSurvey / Seismic Lines / RM Catalog - Fixed RM Bulk Link option 86303

Fixed the 'Bulk link files' option on the 'Seismic Surveys / Seismic Lines / RM Catalog' screen.

Fields - Removed duplicate 'Field type' columns from the list 86722

Removed duplicate 'Field type' columns from the 'Fields' list.

Single Sign On - Fixed handling of expired authentication tokens 86697

Fixed a bug causing the user to see errors if their single sign on authentication token had expired. The user will now be redirected to the login screen with a message indicating that their session has expired.

Working Area - Fixed bahviour when resizing the dialog 85608

Fixed the layout of the 'Working Area' dialog when it is resized by the user.

Admin / Reference Tables / PPDM - General reference list is sorted in alphabetical order

85611

The 'General Reference' list of reference tables under 'Admin / Reference Tables / PPDM' is now in alphabetical order.

Audit history archive job performance improvements

86257

The Audit history database job to archive old values has had its performance significantly improved. If there were millions of records management and audit history records the job could take days, and now it only takes an hour or two.

GIS / Features list populated when the feature has no attributes

86651

Fixed a bug causing the 'GIS / Features' list to be empty if there were no attributes defined for the features.

Note added to list footers if more than 1.5M rows are being shown

86335

A note is now displayed at the bottom of lists if there are more than approximately 1.5 million rows being displayed. Note not all results will be shown in the list for very large search results due to browser limitations but the results can be further filtered and exported.

Records Management - Consistent filter option on all RM Catalog screens

86429

The 'RM Catalog' screens shown under various data types withing the application now share consistent filter options to the main records management screen.

Records Management performance improvements

86475

Performance improvements have been made for the following options in the Records Management module:

- Using a saved selection list
- Filtering by Keywords
- Filtering by Source
- RM Cron process

RM / Wells - Fixed panel display issue

85237

The Well header panel shown underneath Records management no longer displays the well name twice, and you can see Permits assigned to the well. This same issue has been fixed for the Well header panel underneath the GIS/Basins, Fields and Permits options.

Well Spec Card / Well Details - Fixed error shown when loading the screen

84878

Fixed a bug causing a number format error on the 'Well Spec Card / Well Details' screen.

dbMap/Web - PLDB

Bug Fixes

PLDB - Resource Computation - Improved validation of numeric values

83920

Improved validation of numeric values on the PLDB Resource Calculator to detect when a numeric values has been entered with multiple decimal points.