

# CSDWeb<sup>∞</sup>

Cdim8 – Completion Data Integration Manager

Web viewer for the CSD (Completion String design<sup>TM</sup>) well schematics database



# Completion Services

[www.csd.as](http://www.csd.as)

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## Introduction

Cdim8 allows people within a corporate Intranet to be able to view data from the CSD (Completion String Design™) database in their web browser, such as Internet Explorer or Firefox. This enables the possibility to view and share well schematic drawings, well data and documents, without having to install CSD on the local PC. The solution also comes with a built in PDF printer for printing the well schematics.

Cdim8 is using cookies for storing custom user settings on the local PC.

## Home Page

The Home page shows the System Document section and the Field Explorer.



The screenshot shows the CSDWeb home page. At the top left is a home icon and the text "CSDWeb". To the right is a "Get CSD" button. Below this is a "Documents (System):" section with a list of documents, each preceded by a plus sign and a folder icon:

- + 0) Excel Reports
- + 1) How-To Documents
- + 2) QA Documents
- + 3) CSD User Manual
- + 4) Part Registration Form

Below the documents is a "Field Explorer:" section with a list of regions, each preceded by a plus sign and a flag icon:

- + Brazil
- + Canada
- + Norway
- + USA (Offshore)
- + USA (Onshore)

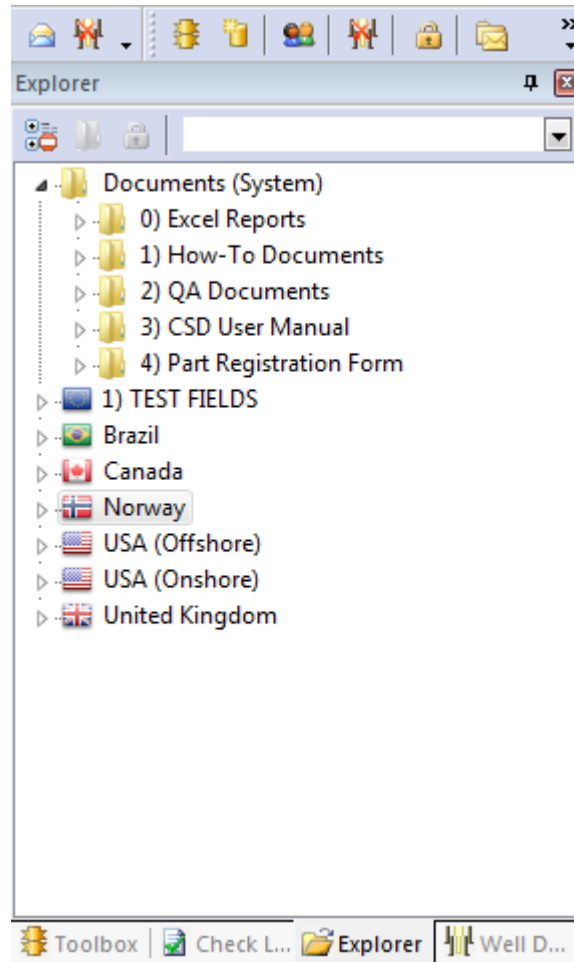
At the bottom of the page is the copyright notice: "Copyright © Completion Services, all rights reserved".

Overlaid on the right side of the page is a black callout box with white text: "Don't have CSD on your PC? Click to apply for the CSD application." To the right of the text is a small icon of a green folder with a red arrow pointing to it.

# System Documents

The System Documents section is a viewer of the read only documents found in the CSD Explorer window.

*From the CSD application:*



Expand to get the folder content, and click the link to open the document as read only.

 **CSDWeb** [Get CSD](#)

**Documents (System):**

- +  0) Excel Reports
- +  1) How-To Documents
- +  2) QA Documents
- +  3) CSD User Manual
- +  4) Part Registration Form

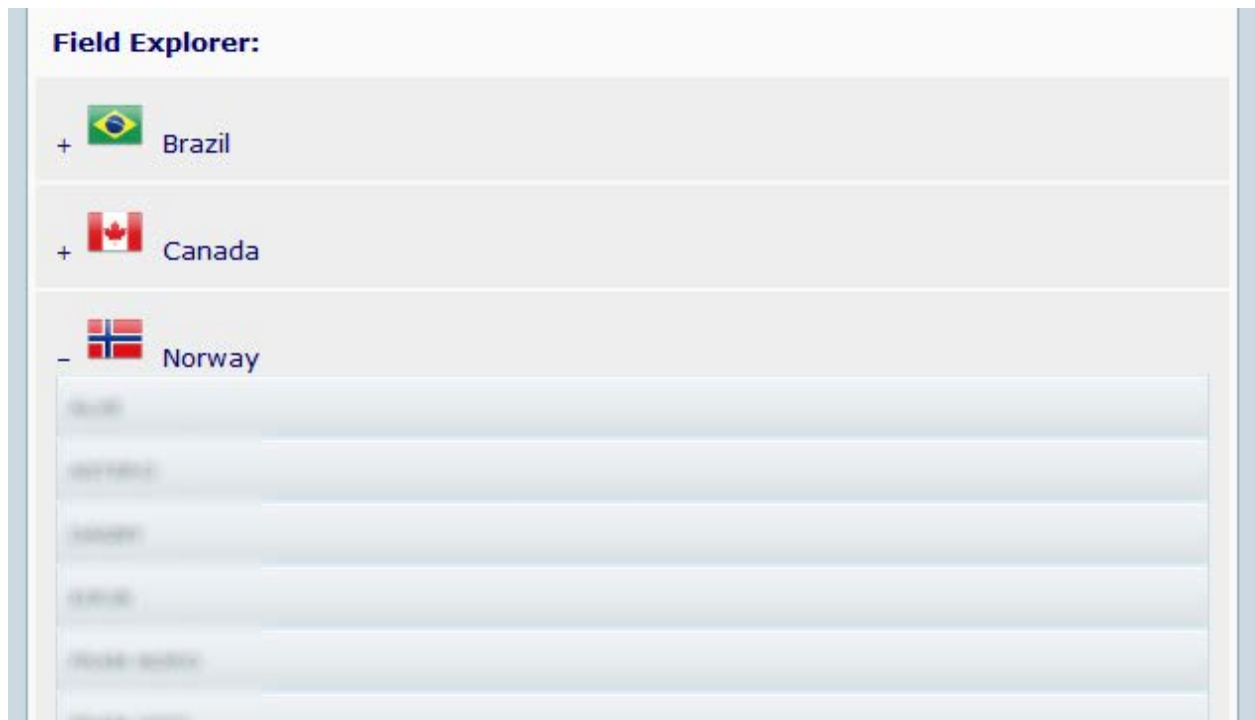
**Field Explorer:**

- +  Brazil
- +  Canada
- +  Norway
- +  USA (Offshore)
- +  USA (Onshore)

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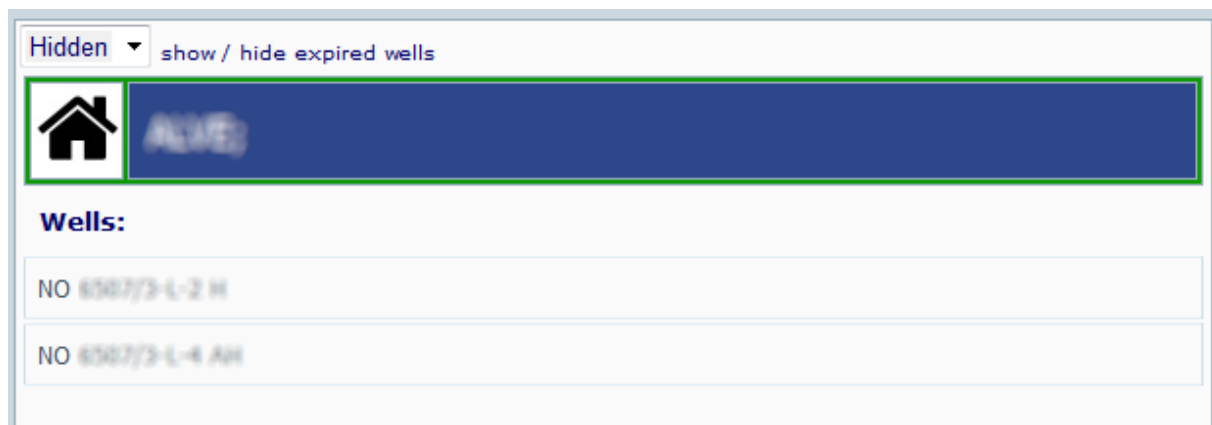
## Field Explorer

Click the + sign get a list of the corresponding fields.

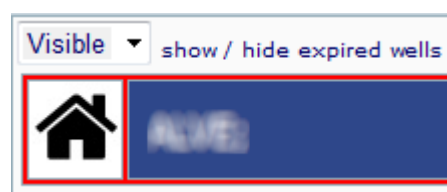
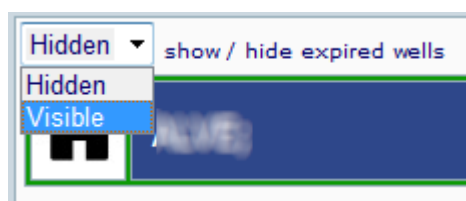


## Well Explorer

Click on a field and get a list of the corresponding wells.



You can choose to hide the wells set to Expired in CSD. This is done by a CSD System Administrator. This setting is remembered on the users PC.



# Wellbore Explorer

Choose a well to view the corresponding wellbore(s) and well schematic revisions.



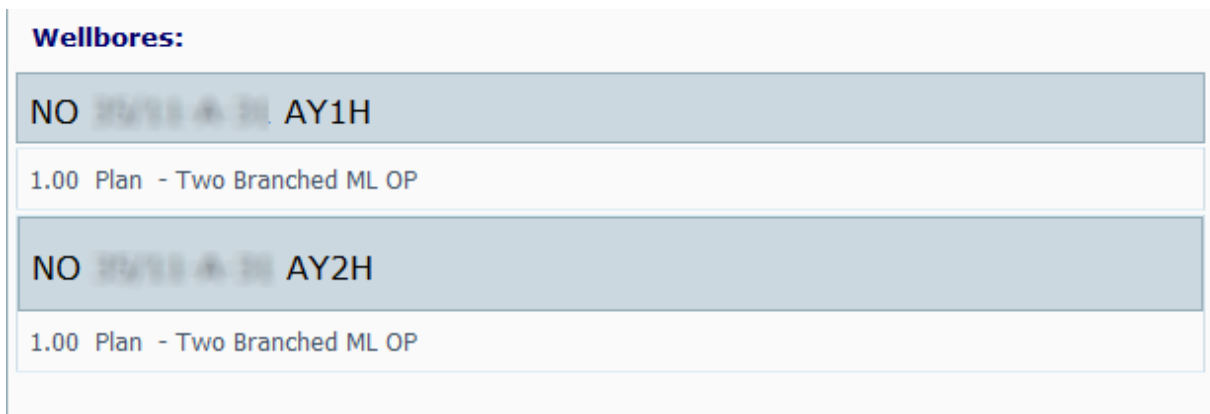
Show all  show last Actual wellbore(s) only

 NO 650773-L-2 H

**Wellbores:**

NO 650773-L-2 H
1.00 Plan - New Completion, completed by use of SDR Stena Don
1.01 Plan - 7" cemented liner Verified by: Knut Fadnes
<b>1.01 Existing</b> - 7" cemented liner Verified by: Knut Fadnes (Opr. Finish Date: 2009-03-07)

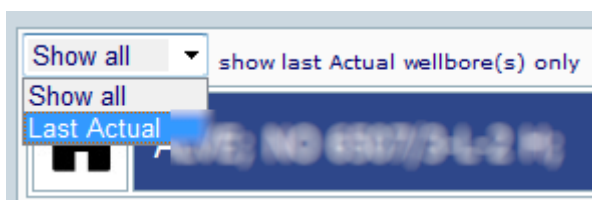
In case of multilateral wells



**Wellbores:**


NO 3255-A-30 AY1H
1.00 Plan - Two Branched ML OP
NO 3255-A-30 AY2H
1.00 Plan - Two Branched ML OP

You can choose to show the Actual / last Existing completion only (if any). This setting is remembered on the users PC.



Show all  show last Actual wellbore(s) only

Show all  
 Last Actual

 NO 650773-L-2 H

The Historical and Plan revisions are hidden.

Last Actual
show last Actual wellbore(s) only

WELLBORE: NO 6507/3-L-2 W

**Wellbores:**

WELLBORE: NO 6507/3-L-2 W

Revision: **1.01 Existing** - 7" cemented liner Verified by: Knut Fadnes (Opr. Finish Date: 2009-03-07)

## Schematic

Click on a wellbore for the following options: (The well schematic drawing will show as default).

Schematic
 PDF printer
Sketch
 PDF printer
Data
View Documents

WELLBORE: NO 6507/3-L-2 W
Existing

Comp.: 1.00
Sub. Inst. Date: 18.09.2007

Rig: Snorre B
Status: Oil Producer

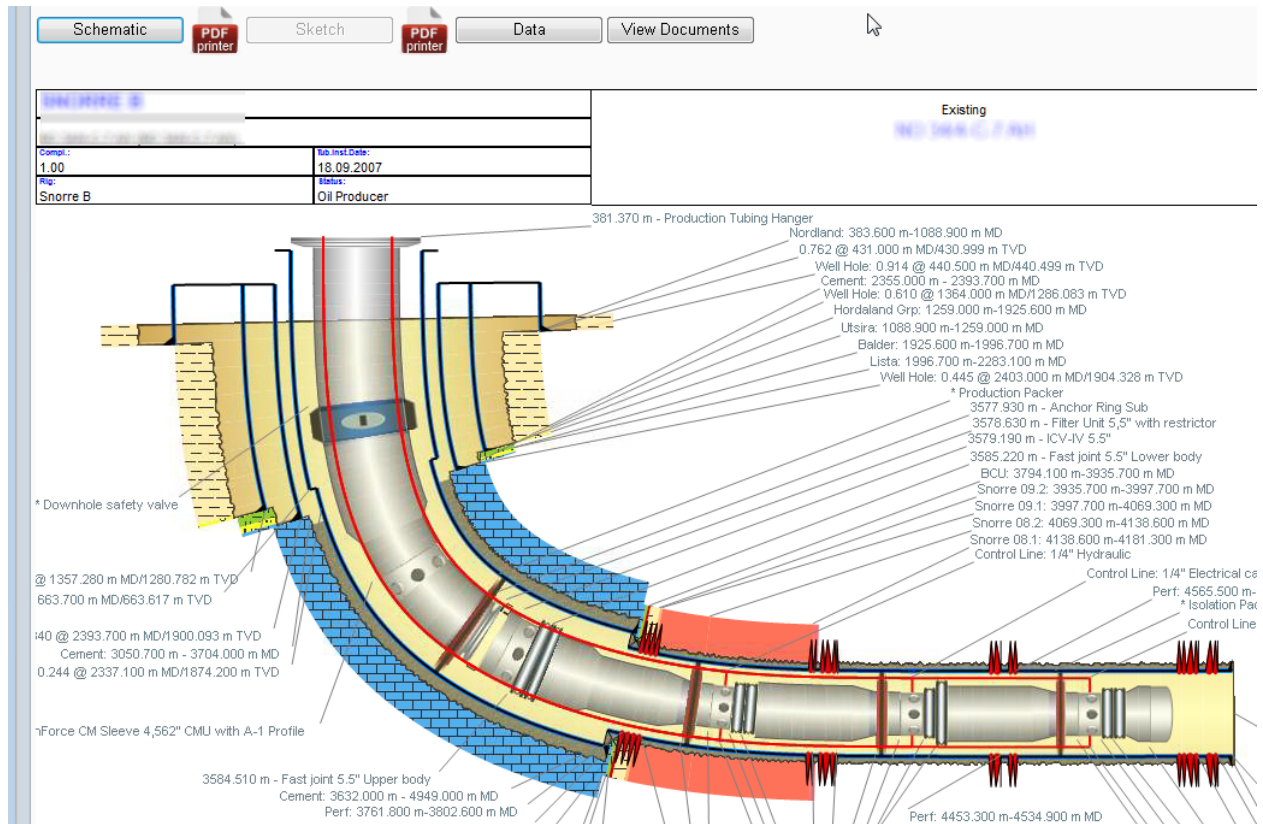
Comments:  
 Antall WellDynamics klemmer kjørt: 7" = 267 (1 stk på DHSV assy 12), 5 1/2" = 5 (1 stk på assy 8), 4 1/2" = 85 (1 stk på assy 3)  
 TD varies slightly because length of assy dwgs is different from lengths in tally. Parts with changed lengths are not specific in tally, only total length of assy dwgs.

Symbol	Asse	Symbol Extra Info	For	MD [RKB] Top [m]	MD [RKB] Bottom [m]	Length [m]	Max OD [m]	Min ID [m]	Drift ID [m]	Description
	Assy 13 4.650			381.370	381.380	0.010	0.472	0.153	0.153	Production Tubing Hanger
				381.380	382.000	0.620	0.194	0.157	0.154	7" 29# Vam Top Pup Joint (B x P)
				382.000	382.290	0.290	0.196	0.155	0.152	7" 29# Vam Top Collar
				382.290	384.060	1.770	0.194	0.157	0.154	7" 29# Vam Top Pup Joint (B x P)
				384.060	384.790	0.730	0.182	0.156	0.154	7" 29# Anchor ring pup Vam Top B x Vam Top P
				384.790	385.080	0.290	0.196	0.155	0.152	7" 29# Vam Top Collar
				385.080	386.020	0.940	0.194	0.157	0.154	7" 29# Vam Top Pup Joint (B x P)
				386.020	392.110	6.090	0.194	0.157	0.154	7" 29# Vam Top Pup Joint (B x P)
				392.110	601.791	209.681	0.194	0.157	0.154	7" 29# Vam Top Tubing
				601.791	604.821	3.030	0.195	0.157	0.154	7" 29# Pup Joint Vam Top B x P
				604.821	605.111	0.290	0.227	0.157	0.154	7" 29# Collar
				605.111	605.891	0.780	0.227	0.157	0.154	DE-CENTRALIZER w/Guide plate
				605.891	608.551	2.660	0.213	0.149	0.148	ONYX-5 Safety Valve 7" x 5,81"
				608.551	606.091	0.200	0.213	0.148	0.148	Nipple adapter 7 x 5.812" BA profile
				608.351	608.551	0.200	0.213	0.148	0.148	Bottom sub
				608.551	608.841	0.290	0.227	0.155	0.153	7" 29# Collar
				608.841	609.621	0.780	0.227	0.157	0.154	DE-CENTRALIZER w/Guide plate



# Sketch

Click the Sketch button.





## Print to PDF:

You can click the PDF printer icon next to the Schematic and Sketch buttons, to generate PDF files of the drawings.

# Well Data

Click the Data button.

Schematic
 PDF printer
Sketch
 PDF printer
Data
View Documents

**Completion Data - Metric units**

RKB-TBGH: 381,82 m	RKB-MSL: 18,00 m
TD MD: 6.137,00 m TVD: 3.732,01 m	Max Deviation: 90,7 Deg @6.123,80 m
PBTD MD: TVD:	Max Dogleg: 5,4 Deg @4.314,60 m
Top of fill MD: TVD:	Av. angle thru pay: 90,0 Deg
Fill date (yyyy-mm-dd):	Up/down weight:
Packer fluid: 1,07 sg 50/50 MEG/NaCl	Well Type: Subsea

**Well Head**

Type	Well Head	Install Date (yyyy-mm-dd)	Comments
Subsea	FMC-HXT	2011-02-23	

**Casing Attribute**

Type	MD Top (m)	MD Bottom (m)	Install Date (yyyy-mm-dd)	Drift ID (inch)	Comments
Cement	2.722,80	3.722,70			
R.A. Tag	3.252,80	3.252,80	2010-06-30		On 9 5/8" pup.
Cement	3.619,90	3.872,00			
R.A. Tag	3.726,55	3.726,55	2010-07-06		Check with 7" tally

**Casing**

Size (inch)	MD Top (m)	MD Bottom (m)	Nom Weight (kg/m)	ID (inch)	OD (inch)	Drift ID (inch)	Material Spec.	Threads Type	
30	386,60	448,40	460,88		30,00	26,88	X-52	SL-60	Conductor, Vanguard intermedia length 61,8
20	381,80	1.354,30	197,93		20,00	18,54	N-80	Tenaris ER	
13,375	382,90	2.138,00	107,15			12,26	P-110	Vam Top	
10,75	384,06	513,40	90,33	9,66		9,50	C-95	Vam Top	
9,625	3.459,20	3.722,90	79,62	8,54		8,51	S-13 Cr P-110	Vam Top	
9,63	513,40	3.459,20	79,62	8,54		8,51	P-110	Vam Top	
7	3.619,90	3.872,00	47,62	6,09		6,01	13 Cr S-110	Vam Top	

**Well Hole**

Size (inch)	MD Top (m)	MD Bottom (m)	Comments
8,5	3.731,00	3.876,00	
6	3.786,00	6.137,00	

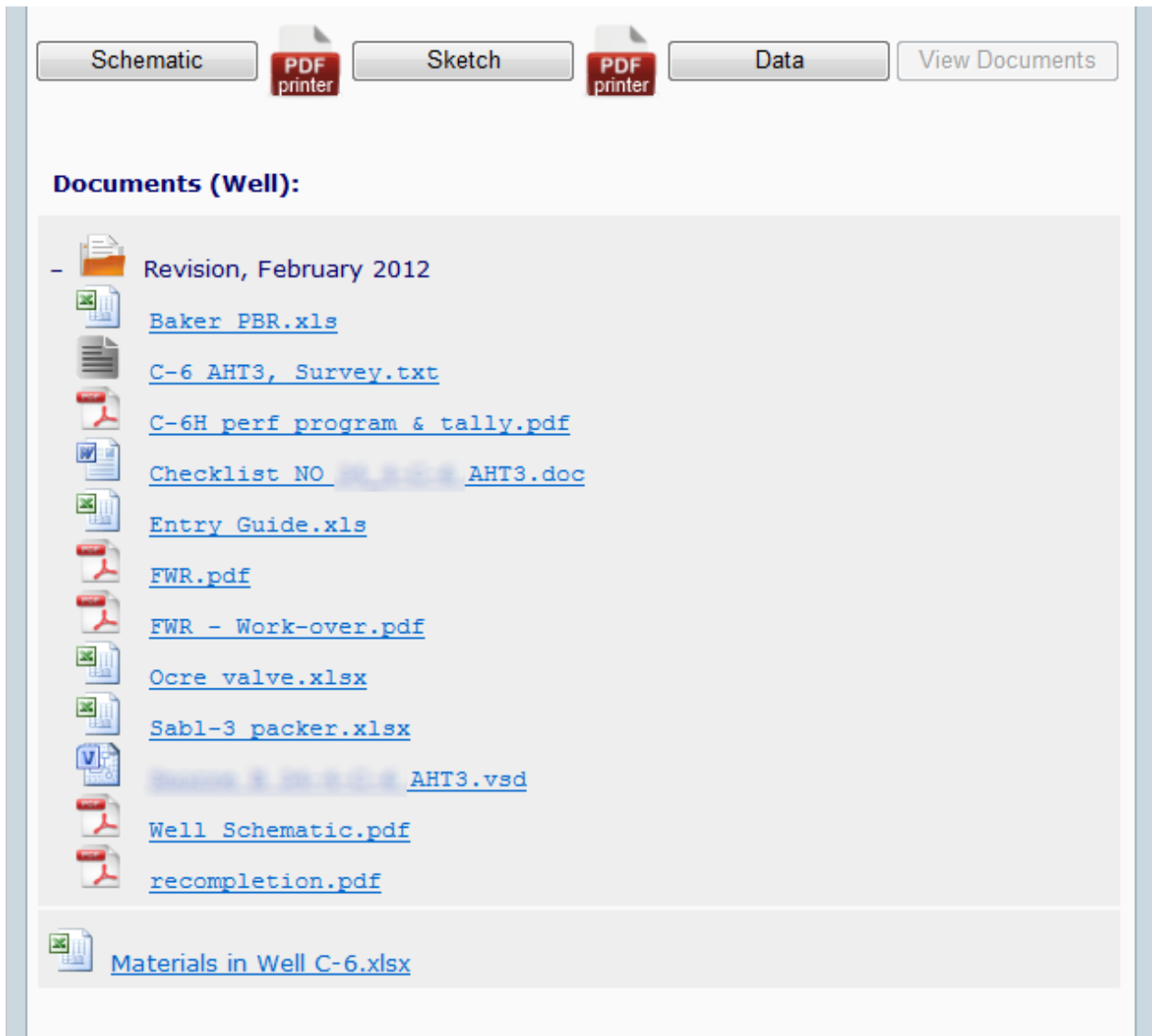
**Formation**

Type	MD Top (m)	MD Bottom (m)	Comments
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## Well Documents

Click the View Documents button.


The Documents button shows if there are documents connected to the current well. This viewer shows all common document file types such as \*.txt, \*.doc /docx, \*.pdf, \*.xsl/xslx, \*.ppt/pptx etc. along with all common image formats. Click on a document link to open it in read only mode.



The screenshot shows a software interface with a top navigation bar containing buttons for 'Schematic', 'Sketch', 'Data', and 'View Documents'. The 'View Documents' button is highlighted. Below the navigation bar, the section is titled 'Documents (Well):'. A list of files is displayed, each with a small icon and a blue underlined link. The files are:

- Revision, February 2012
-  [Baker PBR.xls](#)
-  [C-6 AHT3, Survey.txt](#)
-  [C-6H perf program & tally.pdf](#)
-  [Checklist NO \[redacted\] AHT3.doc](#)
-  [Entry Guide.xls](#)
-  [FWR.pdf](#)
-  [FWR - Work-over.pdf](#)
-  [Ocre valve.xlsx](#)
-  [Sabl-3 packer.xlsx](#)
-  [\[redacted\] AHT3.vsd](#)
-  [Well Schematic.pdf](#)
-  [recompletion.pdf](#)

At the bottom of the list, there is a separate entry:

-  [Materials in Well C-6.xlsx](#)