



User's Guide to the Alaska Department of Natural Resources, Division of Mining, Land & Water Well Log Tracking System (WELTS)

Welcome to the new Well Log Tracking System (WELTS)!

This is phase 1 of 3 planned releases which are tentatively scheduled over the next calendar year. This user's guide will be periodically updated to include new features as they become available.

To conduct a search for well logs, select a field to initiate the search by clicking on the dropdown arrow as shown below:

The screenshot shows the Alaska Department of Natural Resources Mining, Land & Water website. The page title is "Well Log Tracking System (WELTS)". The search interface includes a search bar with a dropdown arrow, a search button, and a list of search criteria. A yellow arrow points to the dropdown arrow, which is currently open, showing a list of search criteria: Owner Name, Driller Name, Parcel Description, MTRS, REAA/Borough, City, Water Rights File, Log ID, and By Map. The "Owner Name" option is highlighted in blue. Below the search bar, there are links for "Well Driller's Log Form", "Well Decommissioning Form", "Water Use Report Form (AKWUDS)", "Application for Water Right", and "WELTS User Guide". The footer contains contact information for the Department of Natural Resources and navigation links for the State of Alaska.

Type in the information that you would like to conduct the search on as shown below, then click on the search button:

State of Alaska myAlaska My Government Resident Business in Alaska Visiting Alaska State Employees

Alaska Department of Natural Resources
Mining, Land & Water

Natural Resources > Mining, Land & Water > Well Log Tracking System

Well Log Tracking System (WELTS)

Search WELTS

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[Well Driller's Log Form](#) [Well Decommissioning Form](#) [Water Use Report Form \(AKWUDS\)](#) [Application for Water Right](#)

Search: Driller Name

[Privacy](#) [Copyright](#) [System Status](#) [Webmaster](#)

Department of Natural Resources
550 W. 7th Ave, Suite 1260, Anchorage, AK 99501-3557
Phone: 907-269-8400 || Fax: 907-269-8901 || TTY: 907-269-8411

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Webmaster

A screen similar to the one shown on the right will appear.

You may conduct an additional filter if you wish by typing an item (i.e. region, owner name) in the filter box.

You may also change the number of entries shown per page by clicking on the dropdown arrow.

You may also sort the data (ascending or descending) by clicking on the ^
v

Additionally, one may scroll among the various pages as shown on the bottom menu

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Alaska Department of Natural Resources Mining, Land & Water

Natural Resources > Mining, Land & Water > Well Log Tracking System

Well Log Tracking System (WELTS)

Search WELTS

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Well Driller's Log Form Well Decommissioning Form Water Use Report Form (AKWUDS) Application for Right

Search: Driller Name ARCTIC DRILLING INC. Search

Well Log Search Results

Show 10 entries Print Save Filter:

Log ID	Driller	Date of Completion	Owner	Region	Parcel Description
25561	ARCTIC DRILLING INC.	09 Sep 1997	MCKINLEY VILLAGE HOTEL	Denali Borough	PARKS HIGHWAY M231.0, DENALI PARK
26148	ARCTIC DRILLING INC.	15 Aug 2001	STATE OF ALASKA, DIV PARKS, BIRCH LAKE LANDING	Fairbanks North Star Borough	BIRCH LAKE BOAT RAMP, GOV 1
27196	ARCTIC DRILLING INC.	01 Aug 1998	LAMBERT	Yukon-Koyukuk REAA	OLD WOOD ROAD 1069 / OLD NENANA HIGHWAY
30360	ARCTIC DRILLING INC.	24 Jun 2004	BECK, D		DORHORST ROAD, DELTA JUNCTION
30499	ARCTIC DRILLING INC.	16 Jul 2004	JACKSON, T		DUNDEE LOOP L18, NORTH POLE
30508	ARCTIC DRILLING INC.	27 May 2004	AUSTIN, C		NISTLER ROAD L04, DELTA JUNCTION
30509	ARCTIC DRILLING INC.	31 Jul 2004	VICK, T & L	Fairbanks North Star Borough	ORRELL L02, BECKER RIDGE ROAD 2075, FAIRBANKS
30510	ARCTIC DRILLING INC.	31 Jul 2004	FUGATE, C	Fairbanks North Star Borough	CLYDESDALE DRIVE 2571, NORTH POLE
30526	ARCTIC DRILLING INC.	30 Aug 2004	DERUYTER, J		MURPHY DOME ROAD #3899
30573	ARCTIC DRILLING INC.	16 Sep 2004	WILKINSON, D		DOC JOHN DRIVE 2571, FAIRBANKS

Showing 1 to 10 of 457 entries

First Previous 1 2 3 4 5 Next Last

In this example, a location filter (i.e. goose) was used.

Additionally, the number of entries shown per page was reduced.

If one wants to look at the well file for a particular well, just click on the Log ID number.

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Alaska Department of Natural Resources
Mining, Land & Water

Natural Resources > Mining, Land & Water > Well Log Tracking System

Well Log Tracking System (WELTS)

Search WELTS

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[Well Driller's Log Form](#) [Well Decommissioning Form](#) [Water Use Report Form \(AKWUDS\)](#) [Application for Water](#)

Search:

Well Log Search Results

Show entries Filter:

Log ID	Driller	Date of Completion	Owner	Region	Parcel Description
34271	M-W DRILLING	07 Dec 2010	C-5, LLC	Matanuska-Susitna Borough	L A4, SOUTH KNIK GOOSE BAY ROAD 3950
32899	M-W DRILLING	04 Jun 2007	ANGEL, T	Matanuska-Susitna Borough	NEAR POINT MACKENZIE ROAD AND GOOSE CREEK ROAD
31699	M-W DRILLING	07 Dec 2005	FOREST OIL CORPORATION	Matanuska-Susitna Borough	POINT MACKENZIE, MIDDLE LAKE 1, KNIK GOOSEBAY ROAD
25919	M-W DRILLING	19 Sep 2001	DAVIS, T	Matanuska-Susitna Borough	KNIK GOOSE BAY ROAD M16.? A06

Showing 1 to 4 of 4 entries (filtered from 2,573 total entries)

A screen similar to the one on the right will appear. Please note that legacy data that was not entered into the old WELTS database will display “Not Available.” You may tab through the different layers of information that may have been manually entered into the old WELTS database.

Or, if you wish to view the well log file, which may have the legacy information included, click on the pdf icon.

The screenshot displays the Alaska Department of Natural Resources Mining, Land & Water website. The page title is "Well Log Tracking System (WELTS)". The main content area is titled "Well Log 34271 Information". It features a "Return to Well Log Search" link and a "Well Log 34271" tab. The "Owner Information" section is expanded, showing the following details:

Owner Information	
First name:	Not Available
Last name:	C-S, LLC
Address:	Not Available
City:	Not Available
State:	Not Available
Zip:	Not Available
Phone:	Not Available
Email:	Not Available

Navigation tabs for other data types are visible: Driller Information, Location Information, Well Data, and Borehole Data. A yellow arrow points to the "Well Log 34271" tab, and another yellow arrow points to the "Location Information" tab.

If you click on the well log file pdf icon, the well log will pop-up as shown on the right

M-W Drilling, Inc.

♦ P.O. Box 110389 ♦ Anchorage, AK 99511 ♦
♦ 907-345-4000 ♦ 907-345-3287 Fax ♦

Job No. 10-141

GROUNDWATER WELL AS-BUILT & LOG

Well Owner: C-5 LLC Use of Well: Public
Legal Description: 3950 South Knik Goose Bay Road, Wasilla, Alaska 99654
Township 17N Range 2W Section 26 Lot A4

CONSTRUCTION

Drill Method: Air Rotary - casing hammer Hole Size & Depth: 136'
Casing Size: 6" Cased to: 126.86' Material: ASTM A53 Wall: 0.250"
Well Completion: Open end Screen X Perforated Method:
Screen/Perforation description: K Packer & riser: 120 to 122.65', 0.040" slot 304 SSS screen to 127.9'; 0.030" slot to 133', tail pipe to 134'
Grout Notes: (3) Sack(s) of Bentonite, 10" casing installed to 20', pulled & grouted
Well Development: Air surge
Well Disinfected: Y/N Method:
Yield test at GPM for hour(s) with of drawdown (DD) from static level (SWL).
Method: Static Water Level (SWL): 73.8'
Start Date: 12/03/10 Completion Date: 12/07/10
Test Pump Date: Final Pump Install Date:

WELL LOG

Depth in feet from top of casing.	Details of formations penetrated, size of material, color and miscellaneous details.		
0 TO 3	Casing Stick Up		
3 TO 64	Sandy gravel		
64 TO 66	Clay: grey, black		
67 TO 69	Water gravel - 4 GPM		
69 TO 92	Clay: brown, silty, dry		
92 TO 118	Gravel: medium, sandy, damp		
118 TO 134	Water gravel: small to medium, slightly sandy		
134 TO 136	Sand: black, slightly gravelly, wet		
TO			

If a water right is associated with a particular well, you can view the water right information by clicking on the water right tab

The screenshot displays the Alaska Department of Natural Resources Mining, Land & Water website. The page title is "Well Log Tracking System (WELTS)". The main content area is titled "Well Log 26148 Information". At the top of this section, there are two tabs: "Well Log 26148" and "Water Right: LAS 23604". A yellow arrow points to the "Water Right: LAS 23604" tab. Below the tabs, there is a table with the following structure:

Owner Information		Driller Information	Location Information	Well Data	Borehole Data
First name:	Not Available				
Last name:	STATE OF ALASKA, DIV PARKS, BIRCH LAKE LANDING				
Address:	Not Available				
City:	Not Available				
State:	Not Available				
Zip:	Not Available				
Phone:	Not Available				
Email:	Not Available				

A screen similar to the one on the right will appear.

The screenshot displays the Alaska Department of Natural Resources website interface. At the top, there is a navigation bar with links for 'myAlaska', 'My Government', 'Resident', 'Business in Alaska', 'Visiting Alaska', and 'State Employees'. Below this is the 'Alaska Department of Natural Resources' logo and a search bar. A secondary navigation bar contains links for 'LAS Menu', 'Case Abstract', 'Case Summary', 'Land Abstract', and 'Water Rights Information'. The main content area is titled 'Alaska DNR Case Detail' and shows the following information:

File Type: LAS **File Number:** 23604
 See Township, Range, Section and Acreage? Yes No

File: LAS 23604  [Search for Status Plat Updates](#)
 As of 03/15/2013

Customer: 000035829 DNR DOPOR STATEWIDE
 PARK DESIGN & CONSTRUCTION 550 W. 7TH AVE, STE 1340
 ANCHORAGE AK 995013565

Case Type: [801](#) WATER RIGHTS **DNR Unit:** 800 WATER
File Location: WFBX WATER MGT-FAIRBANKS
Case Status: 36 CERTIFICATE **Status Date:** 07/11/2002
Total Acres: 0.000 **Date Initiated:** 02/07/2001
Office of Primary Responsibility: WFBX WATER MGT-FAIRBANKS
Last Transaction Date: 02/20/2009 **Case Subtype:** [SUB](#) SUBSURFACE
Last Transaction: CHGSTCD CASE STATUS CODE CHANGED
Meridian: F **Township:** 007S **Range:** 006E **Section:** 18
Section Acres: 0 [Search Plats](#)

Case Actions

Transaction: INITIATE INITIATE CASE
Transaction Date: 02-07-2001 **Time:** 92142 **SubSystem ID:** CAS
Input Date: 11-01-2001 **User:** NPECKJO **Terminal:** X2UJ
STATUS DATE: 02-07-2001
LOCATION FROM: SCOWS SCDO WATER SECTION
LOCATION TO: SCOWS SCDO WATER SECTION
CASE STATUS: 10 APP ACPTD
OFFICE PRI RESP: WSCR WATER-SOUTHCNTRL REG

If one wishes to print or save a list of well logs, one may do so by clicking on the print or save button shown on the top menu bar.

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Alaska Department of Natural Resources
Mining, Land & Water

Natural Resources > Mining, Land & Water > Well Log Tracking System

Well Log Tracking System (WELTS)

Search WELTS

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[Well Driller's Log Form](#) [Well Decommissioning Form](#) [Water Use Report Form \(AKWUDS\)](#) [Application for Water Right](#)

Search: Driller Name ARCTIC DRILLING INC. Search

Well Log Search Results

Show 5 entries Print Save Filter: fairbanks

Log ID	Driller	Date of Completion	Owner	Region	Parcel Description
26148	ARCTIC DRILLING INC.	15 Aug 2001	STATE OF ALASKA, DIV PARKS, BIRCH LAKE LANDING	Fairbanks North Star Borough	BIRCH LAKE BOAT RAMP, GOV 1
30509	ARCTIC DRILLING INC.	31 Jul 2004	VICK, T & L	Fairbanks North Star Borough	ORRELL L02, BECKER RIDGE ROAD 2075, FAIRBANKS
30510	ARCTIC DRILLING INC.	31 Jul 2004	FUGATE, C	Fairbanks North Star Borough	CLYDESDALE DRIVE 2571, NORTH POLE
30573	ARCTIC DRILLING INC.	16 Sep 2004	WILKINSON, D		DOC JOHN DRIVE 2571, FAIRBANKS
30598	ARCTIC DRILLING INC.	29 Apr 2002	THEIS, J W	Fairbanks North Star Borough	BIRCHWILLOW L07 B1

Showing 1 to 5 of 196 entries (filtered from 457 total entries) First Previous 1 2 3 4 5 Next Last

After clicking on the print button, a message similar to the one shown on the right will appear.

Log ID	Driller	Date of Completion	Owner	Region	Parcel Description
26148	ARCTIC DRILLING INC.	15 Aug 2001	STATE OF ALASKA, DIV PARKS, BIRCH LAKE LANDING	Fairbanks North Star Borough	BIRCH LAKE BOAT RAMP, GOV 1
30509	ARCTIC DRILLING INC.	31 Jul 2004	VICK, T & L	Fairbanks North Star Borough	ORRELL L02, BECKER RIDGE ROAD 2075, FAIRBANKS
30510	ARCTIC DRILLING INC.	31 Jul 2004	FUGATE, C	Fairbanks North Star Borough	CLYDESDALE DRIVE 2571, NORTH POLE
30573	ARCTIC DRILLING INC.	16 Sep 2004	WILKINSON, D		DOC JOHN DRIVE 2571, FAIRBANKS
30598	ARCTIC DRILLING INC.	29 Apr 2002	THEIS, J W	Fairbanks North Star Borough	BIRCHWILLOW L07 B1

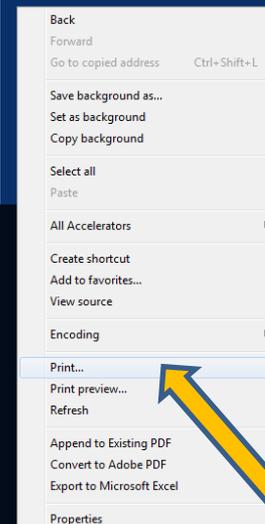
Press ESCAPE when finished.

Print view

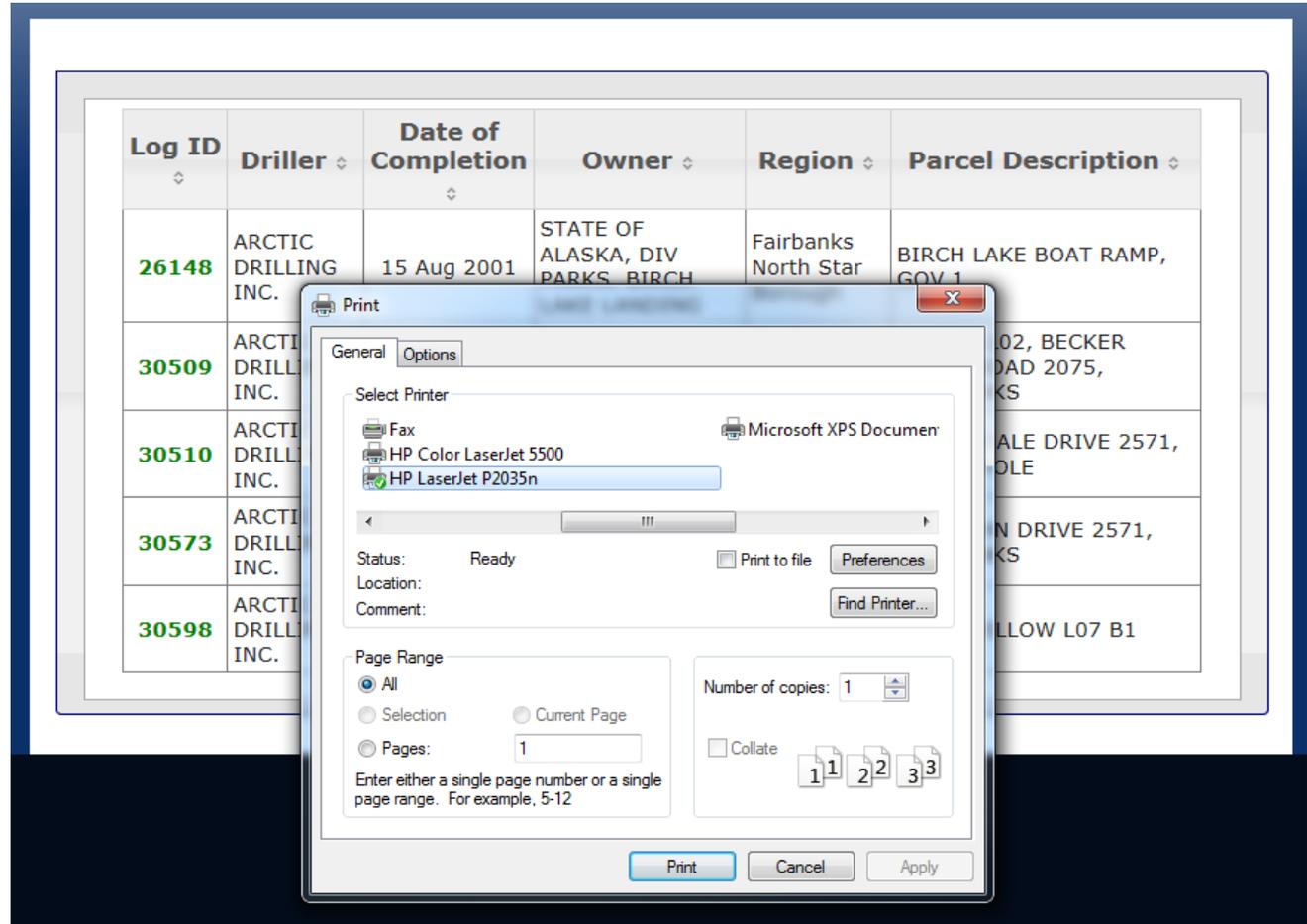
Please use your browser's print function to print this table.

To print, move the cursor over to the blue screen as shown on the right, and right-click the button on your mouse. Scroll down and select print.

Log ID	Driller	Date of Completion	Owner	Region	Parcel Description
26148	ARCTIC DRILLING INC.	15 Aug 2001	STATE OF ALASKA, DIV PARKS, BIRCH LAKE LANDING	Fairbanks North Star Borough	BIRCH LAKE BOAT RAMP, GOV 1
30509	ARCTIC DRILLING INC.	31 Jul 2004	VICK, T & L	Fairbanks North Star Borough	ORRELL L02, BECKER RIDGE ROAD 2075, FAIRBANKS
30510	ARCTIC DRILLING INC.	31 Jul 2004	FUGATE, C	Fairbanks North Star Borough	CLYDESDALE DRIVE 2571, NORTH POLE
30573	ARCTIC DRILLING INC.	16 Sep 2004	WILKINSON, D		DOC JOHN DRIVE 2571, FAIRBANKS
30598	ARCTIC DRILLING INC.	29 Apr 2002	THEIS, J W	Fairbanks North Star Borough	BIRCHWILLOW L07 B1



Your normal print menu will then pop-up as shown on the right.



To save, or electronically download the data, click the save button as shown in the figure to the right. A window will pop-up giving you the option to save as a csv, Excel, or pdf file.

The screenshot displays the Alaska Department of Natural Resources Mining, Land & Water Well Log Tracking System (WELTS) interface. The search results are filtered for 'fairbanks' and show 5 entries. A 'Save' button is highlighted, and a dropdown menu is open showing options for 'CSV', 'Excel', and 'PDF'.

Log ID	Driller	Completion Date	Location	Region	Parcel Description
26148	ARCTIC DRILLING INC.	15 Aug 2001	ALASKA, DIV PARKS, BIRCH LAKE LANDING	Fairbanks North Star Borough	BIRCH LAKE BOAT RAMP, GOV 1
30509	ARCTIC DRILLING INC.	31 Jul 2004	VICK, T & L	Fairbanks North Star Borough	ORRELL L02, BECKER RIDGE ROAD 2075, FAIRBANKS
30510	ARCTIC DRILLING INC.	31 Jul 2004	FUGATE, C	Fairbanks North Star Borough	CLYDESDALE DRIVE 2571, NORTH POLE
30573	ARCTIC DRILLING INC.	16 Sep 2004	WILKINSON, D		DOC JOHN DRIVE 2571, FAIRBANKS
30598	ARCTIC DRILLING INC.	29 Apr 2002	THEIS, J W	Fairbanks North Star Borough	BIRCHWILLOW L07 B1

Showing 1 to 5 of 196 entries (filtered from 457 total entries)

After you make your selection, a window will pop-up at the bottom of your screen.

Select the “save as” option

Your normal save window will pop-up, save the file to the desired location

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Alaska Department of Natural Resources
Mining, Land & Water
Natural Resources State of Alaska

Natural Resources > Mining, Land & Water > Well Log Tracking System

Well Log Tracking System (WELTS)

Search WELTS

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Well Driller's Log Form Well Decommissioning Form Water Use Report Form (AKWUDS) Application for Water Right

Search: Driller Name ARCTIC DRILLING INC. Search

Well Log Search Results

Log ID	Driller	Date of Completion	Owner	Region	Parcel Description
25561	ARCTIC DRILLING INC.	09 Sep 1997	MCKINLEY VILLAGE HOTEL	Denali Borough	PARKS HIGHWAY M231.0, DENALI PARK
26148	ARCTIC DRILLING INC.	15 Aug 2001	STATE OF ALASKA, DIV PARKS, BIRCH LAKE LANDING	Fairbanks North Star Borough	BIRCH LAKE BOAT RAMP, GOV 1
27196	ARCTIC DRILLING INC.	01 Aug 1998	LAMBERT	Yukon-Koyukuk REAA	OLD WOOD ROAD 1069 / OLD NENANA HIGHWAY
30360	ARCTIC DRILLING INC.	24 Jun 2004	BECK, D		DORHORST ROAD, DELTA JUNCTION
30499	ARCTIC DRILLING INC.	16 Jul 2004	JACKSON, T		DUNDEE LOOP L18, NORTH POLE

Showing 1 to 5 of 457 entries

Department of Natural Resources
550 W. 7th Ave, Suite 1260, Anchorage, AK 99501-3557
Phone: 907-269-8400 | Fax: 907-269-8901 | TTY: 907-269-8411

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Do you want to open or save 5800CBD0_BF30_AC7F_93804EFAE5888CAD.xlsx from dnr.alaska.gov? Open Save Cancel

A few important items worth noting . . .

If you try to download more than 2,500 records at a time, you will receive the message shown on the right.

Should you need more than 2,500 records. Please submit your data requests via email to:

dnr.water.reports@alaska.gov

or you may contact the MLW WEBMASTER to submit your request

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Alaska Department of Natural Resources
Mining, Land & Water

Natural Resources > Mining, Land & Water > Well Log Tracking System

Well Log Tracking System (WELTS)

Search WELTS

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[Well Driller's Log Form](#) [Well Decommissioning Form](#) [Water Use Report Form \(AKWUDS\)](#) [Application for Water Right](#)

Search: Driller Name KRAXBERGER DRILLING Search

Too many records!
Sorry, only recordsets of less than 2500 can be saved!
You are trying to save a recordset of 3042 records.
If you wish to have more than that saved, please contact [MLW Webmaster](#) and submit a request.
OK

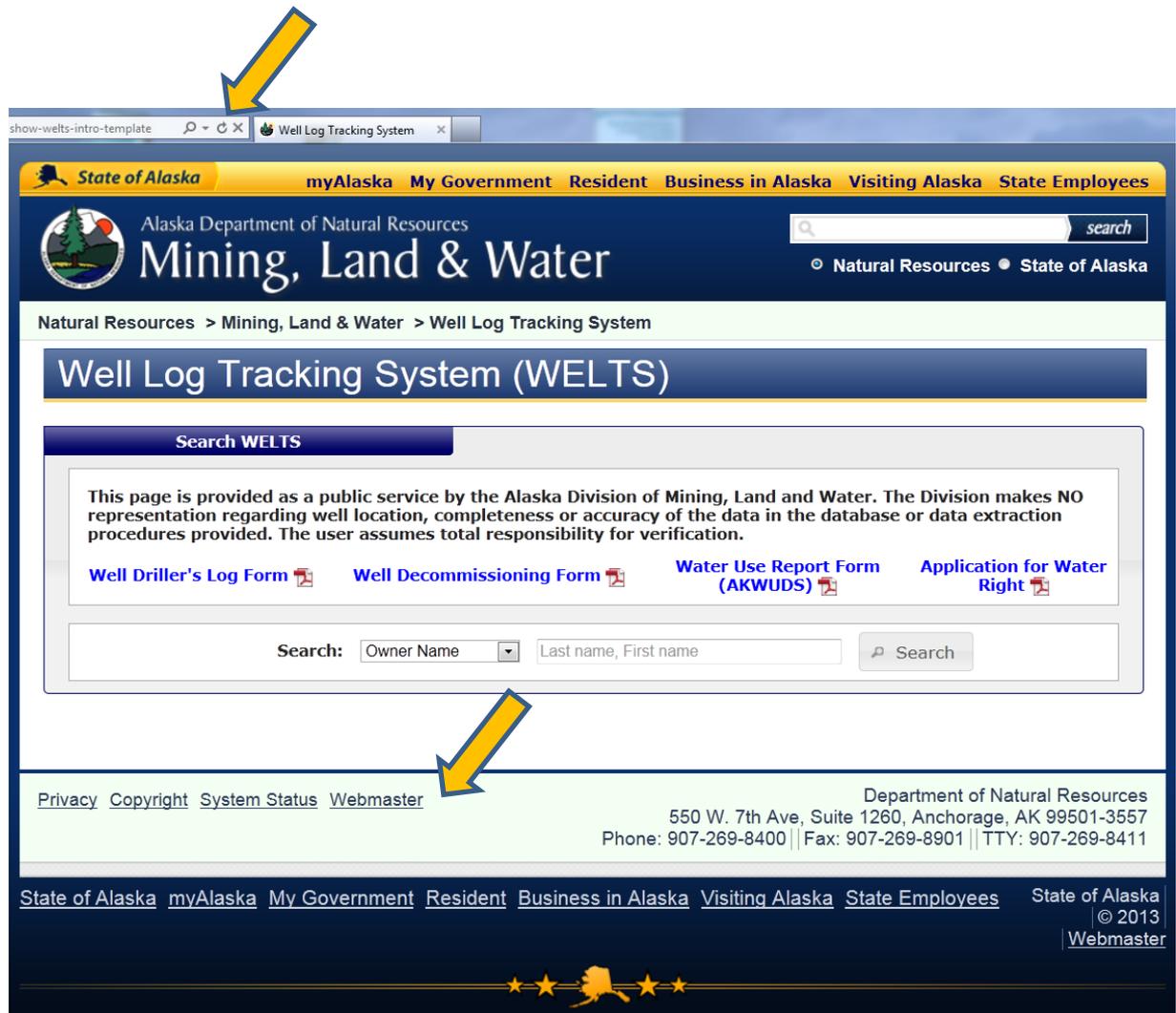
Log ID	Driller				
38	KRAXBERGER DRILLING				
165	KRAXBERGER DRILLING				
171	KRAXBERGER DRILLING				
172	KRAXBERGER DRILLING				
182	KRAXBERGER DRILLING				
189	KRAXBERGER DRILLING	13 Mar 1970	STROBLE, WILLIAM S.	Kenai Peninsula Borough	Tr 63
204	KRAXBERGER DRILLING	22 Nov 1976	BURGLIN, CLIFFORD	Kenai Peninsula Borough	BELUGA RIVER AREA
215	KRAXBERGER DRILLING	17 Oct 1966	OBERTS, MIKE	Kenai Peninsula Borough	STERLING
309	KRAXBERGER DRILLING	29 Mar 1974	CARTER, DR. GENE	Kenai Peninsula Borough	STERLING HIGHWAY M???.?, SLIKOK CREEK
314	KRAXBERGER DRILLING	06 Mar 1976	POINDEXTER, C. J.	Kenai Peninsula Borough	S.J. CHAPMAN L14A B1

Showing 1 to 10 of 3,042 entries

First Previous 1 2 3 4 5 Next Last

If your page stops responding while processing large datasets, or produces unexpected results, simply click on the refresh button at the top of the screen to start over.

If the error persists report the error by clicking on the webmaster link in the footer and provide the steps taken to reproduce the error.



The screenshot shows a web browser window with the URL 'show-welts-intro-template' and the page title 'Well Log Tracking System'. The page header includes the State of Alaska logo and navigation links: 'myAlaska', 'My Government', 'Resident', 'Business in Alaska', 'Visiting Alaska', and 'State Employees'. The main content area is titled 'Mining, Land & Water' and 'Well Log Tracking System (WELTS)'. A search bar is present with the text 'Search WELTS'. Below the search bar, there is a disclaimer: 'This page is provided as a public service by the Alaska Division of Mining, Land and Water. The Division makes NO representation regarding well location, completeness or accuracy of the data in the database or data extraction procedures provided. The user assumes total responsibility for verification.' There are four links for forms: 'Well Driller's Log Form', 'Well Decommissioning Form', 'Water Use Report Form (AKWUDS)', and 'Application for Water Right'. A search form below these links has a dropdown menu for 'Owner Name' and a text input for 'Last name, First name'. The footer contains links for 'Privacy', 'Copyright', 'System Status', and 'Webmaster', along with contact information for the Department of Natural Resources. The bottom of the page features a navigation bar with the same links as the header and a copyright notice for 2013.

Lastly, our beta testers tried their best to develop a bug-free product, however a few critters may have escaped us. Please send an email with a screen capture of the error message to: dnr.water.reports@alaska.gov if you identify any issues so that we may correct the problem.

Thank you!

