

Drilling Companies and Services Registered with Sask. Water Shed Authority as of February 6, 2009

Definitions of Services Drilling Companies are Supplying

Small diameter wells

Wells drilled by rotary rigs using water circulation to bring up cuttings and samples of formations being drilled through. In most locations small diameter wells are drilled from 70 - 1400 ft.

The casing used for these wells is usually plastic of various sizes depending on volume of water needed up to 800 ft.

Steel casing is usually used on wells deeper than 800 ft.

Slotted casing or stainless steel screen are installed at the bottom of these wells to allow a sand free supply of water to be pumped from the well.

Large diameter wells

Large diameter wells or bored wells are drilled by either boring or auger rigs. In most cases these holes are drilled to 42 inch in diameter.

The accepted casing now used is fiberglass but in some locations wood and galvanized steel are still installed. The industry standard of casing now used is 30 inch outside dimension but alternate sizes are used in special projects.

After the casing is set in a large diameter bore hole, the well is gravel packed with a clean graded filter gravel to screen sand from entering the well.

Test Drilling in Small Diameter Wells

A test hole of 4 - 5 inch bore is usually drilled down to the water bearing formation. The drill stem is then removed and the e-log or gamma ray is placed at the bottom of the test hole. The machine then records the formation as it is pulled out of the hole. The graph paper on the recorder tells the hydrogeologist or driller at where the best formation is at and the exact footage to set the screen.

Small diameter rotary rigs usually develop a rotary well by backwashing the borehole with clean water to clean out the drilling mud and cuttings from the hole. The drilling crew will set the casing, gravel pack the well and use air and jetting to develop the well. The air will also be used to determine the gallons per minute the well will pump.

On commercial locations a pump is set above the screen and pumped for 24 hours to record the draw down of the well. The engineer will then make a graph to determine the recommended pumping rate of the well and what size of pump is to be used.

Test Drilling in Large Diameter Wells

Dry auger test holes of 4 - 5 inch are used to locate water bearing formations. If the borehole does not cave in, they will bale out the well to determine the gallons per minute of the hole.

In most cases a water sample is then taken to field test the water quality.

E-logging cannot be used on dry auger test holes because the hole is not filled with drilling mud to allow the e-logger to read the formation.

Driller	Service Provided
3-D Enterprises (1996) Ltd. Gerald & David Dauvin Box 5 Redvers SK S0C 2H0 (306) 452-3526	Domestic water wells Small dia. Water wells
Aqua Boring Ltd. Bob Kraft Box 1328 Medicine Hat AB (403) 528-4000	Commercial & domestic water wells Large dia. wells, max. depth 120 ft. 30" Fiberglass well cribbing Specialized gravel pack material Pump testing Dry auger testing On-site water quality testing
Andrews & Sons Drilling Ltd. Mike Friesen Box 26040 RPO Northgate 2011 Industrial Drive Regina SK S4R 8R7 (306) 757-5665	Commercial & domestic water wells Small dia. wells, max. depth 1500 ft. Casing sizes 5 - 20 inch E-logging, pump testing Down hole camera Large dia. Wells with 30 inch casing
Big H Ranch Ltd. Monty Heron Box 1687 Melford SK S0E 1A0 (306) 752-4322	Domestic water wells Small dia. wells, maximum 700ft. Casing sizes 5 - 10 inch E-logging, pump testing
Border City Drilling Ltd. Allan Bjonson Box 1579 Estevan SK S4A 2L7 (306) 634-5700	Domestic water wells Small dia. water wells, max. depth 500 ft. Casing sizes 5 & 6 inch E-logging, pump testing
Central Drilling And Water Well Services Wilbert Schmidt (Dwayne) Box 983 Wadena SK S0A 4J0 (306) 338-2211	Commercial and domestic water wells Small dia. Wells, max. depth 600ft. Casing sizes 5 - 10 inch E-logging, pump testing
Clarkson Well Boring George W. Clarkson Box 129 Rabbit Lake SK S0M 2L0 (306) 824-4744	Domestic water wells Large dia. Wells, max. depth 65 ft. Casing size 30 inch
Cross Border Consulting Greg Mills Box 72 Watson SK S0K 4V0	Commercial & domestic water wells Small dia. Wells, max. depth 1200ft. Casing size 5 - 10 inch E-logging, pump testing

<p>D. Schmidt Drilling Daniel & Hilda Schmidt Box 421 Waldheim SK S0K 4R0</p>	<p>Commercial & domestic wells Small dia. Water wells, max. depth 500ft. E-logging, pump testing</p>
<p>EZ Enterprises Ltd. Ed Zyznomirski Box 1794 Battleford SK S0M 0E0 (306) 937-7427</p>	<p>Domestic water wells Large dia. Water wells, max. depth 65 ft. Casing size 30 inch Dry auger test holes Small dia. Wells, max. depth 400ft. Casing size 5 & 6 inch E-logging, pump testing</p>
<p>Earth Drilling Co. Ltd. Jay Klemetski 5524 Busch Pl. Regina SK S4X 4G9 (306) 545-7088</p>	<p>Commercial & domestic wells Small dia. Water well, max. depth 500 ft. Casing size 5 - 6 inch E-logging, pump testing Large dia. Wells, max. depth 100 ft. Casing size 30 inch Dry auger test holes, field water test analysis</p>
<p>Elk Point Drilling Corp. John Soloninko R.R. #3 North Battleford SK (306) 445-4233</p>	<p>Commercial & domestic water wells Small dia. Water well, max. depth 800 ft. Casing size 5 - 8 inch E-logging, pump testing Large dia. Wells, max. depth 100ft. Casing size 30 inch Dry Auger Test Holes</p>
<p>Farrell's Water Well Boring Barry W. Farrell Box 907 Biggar SK S0K 0M0</p>	<p>Domestic water wells Large dia. Water wells, max. depth 65 ft.</p>
<p>Friesen Drillers Ltd. John Friesen PTH 12N1 Steinbach MB R5G 1T8 (204) 326-2485</p>	<p>Commercial water wells Hydgeraigist on staff if requested Small dia. Water well, max. depth Casing size 5 - 24 inch E-logging, gamma ray Down hole camera, pump testing</p>
<p>Geo-Aqua Drilling & Construction Inc.</p>	<p>Domestic water wells Small dia. Water wells</p>
<p>Gottfried Drilling Ltd. Lorne & Glen Gottfried Box 219 Luseland SK S0L 2A0 (306) 372-4925</p>	<p>Domestic water wells Small dia. Water wells, max. depth 600 ft. Casing size 5 inch E-logging, pump testing</p>

<p>Green Farms Drilling Ltd. Robert & Janice Schmizbauer Box 238 Dunmore AB T0J 1A0 (403) 580-3250</p>	<p>Domestic water wells Small dia. Water wells, max. depth 500 ft. Casing size 5 inch E-logging, pump testing Large dia. Water wells, max. depth 150 ft. Casing size 30 inch fiberglass Dry auger test holes</p>
<p>Haig Drilling Robert Carl Haig Box 306 White City SK S0G 5B0 (306) 781-2084</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 800 ft. Casing size 5 - 10 inch E-logging, pump testing</p>
<p>Hayter Drilling Marty Hayter Box 1180 Watrous SK S0K 4T0</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 1500 ft. Casing size 5 - 10 inch E-logging, pump testing Large dia. Water wells, max. depth 100 ft. Casing size 30 inch fiberglass</p>
<p>Heron Water Well Drilling Ross Heron Box 1687 Melford SK S0E 1A0 (306)752-4322</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 700 ft. Casing size 5 - 10 inch E-logging, pump testing</p>
<p>Hi Water Drilling David Hluchaniuk Box 359 Nipawin SK S0E 1E0 (306) 862-7420</p>	<p>Domestic water wells Small dia. Water wells 4 ½ - 8" casing 600 ft depth</p>
<p>HWY One Drilling Ltd. Wes Maley Box 381 Qu'appelle SK S0G 4A0 (306) 699-2254</p>	<p>Domestic water wells Small dia. Water wells, max. depth 500 ft. Casing size 5 & 6 inch E-logging, pump testing Large dia. Water wells, max. depth 100 ft. Casing size 30 inch fiberglass Dry auger test holes</p>
<p>J&B Drilling John & Barry Brown Box 119 Climax SK S0N 0N0 (306) 293-2812</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 1500 ft. Casing size 5 - 12 inch E-logging, pump testing</p>

<p>J&S Drilling Shawn Lehnert, Jason Mundt Box 414 Biggar SK S0K 0M0 (306) 948-2009</p>	<p>Domestic water wells Small dia. Water wells Large dia. Water wells</p>
<p>Ken's Water Well Drilling Ken Guderyan Box 1631 Hudson Bay SK S0E 0Y0 (306) 865-3918</p>	<p>Domestic water wells Small dia. Water wells, max. depth 500 ft. E-logging</p>
<p>Klyne Well Drilling Ltd. Anthony J. Klyne Box 16 Leross SK S0A 2C0 (306) 675-4525</p>	<p>Commercial & domestic wells Small dia. Water wells, max. depth 800 ft. Casing size 5 - 14 inch E-logging, pump testing</p>
<p>Leo Brisebois Box 123 Meyronne SK S0H 3A0 (306) 264-3227</p>	<p>Domestic water wells Large dia. Wells, max. depth 55 ft. Casing size 30 inch fiberglass Dry auger testing</p>
<p>McAllister Drilling Inc. George & Byron McAllister Box 1189 Lloydminster SK S9V 1G1 (780) 875-2409</p>	<p>Commercial & domestic wells Small dia. Water wells, max. depth 800 ft Casing size 5 - 8 inch E-logging, pump testing</p>
<p>Northern Drilling Ltd. Garry Collins Box 1347 Nipawin SK S0E 1E0 (306) 862-4698</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 450 ft. Casing size 5 - 6 inch E-logging, pump testing</p>
<p>Poch Drilling Joe Poch Box 3796 Melfort SK S0E 1A0 (306) 752-9706</p>	<p>Domestic water wells Large dia. Water wells, max. depth 75 ft. Casing size 30 inch fiberglass</p>
<p>Rodger Edward Herring Rodger Edward Herring Box 1741 Maple Creek SK S0N 1N0</p>	<p>Small dia. Water wells, max. depth 300 ft. Pump testing</p>

<p>Solie Drilling Ltd. Marvin Solie Box 370 Balgonie SK S0G 0E0 (306) 771-4247</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 600 ft. Casing size 5 - 10 inch E-logging, pump testing</p>
<p>Stauber Drilling Inc. Lorn & Fred Glass 2396 - 2nd Ave. Regina SK S4R 1A6 (306) 359-1959</p>	<p>Commercial & domestic water wells In-House Consulting & Engineering Company Small dia. Water wells, max. depth 1500 ft. Casing size 5 - 12 inch E-logging, gamma ray, down hole Camera Service rig & pump testing</p>
<p>Spagrad Water Well Drilling Oscar Spagrad Box 249 Gull Lake SK S0N 1A0 (306) 672-3982</p>	<p>Commercial & domestic water wells Large dia. Water wells, max. depth 100 ft. Casing size 30 inch fiberglass Dry auger testing Gravel pack material supplied Bobcat (for backfilling & cutting Removal)</p>
<p>T-D Water Well Drilling Dean Littlejohn Box 138 Estevan SK S4A 2A2 (306) 634-5389</p>	<p>Domestic water wells Small dia. Water wells, max. depth 500 ft. Casing size 5 inch E-logging, pump testing</p>
<p>Trans Amazon Resources S A Greg Oulette Box 44 Meota SK S0M 1X0 (306) 445-6378</p>	<p>Domestic water wells Small dia. Water wells</p>
<p>Waterite Industries Randy Manga Box 242 Esterhazy, SK S0A 0X0 (306) 745-2407</p>	<p>Domestic water wells Small dia. Water wells</p>
<p>Wellen Boring Ltd. Lowell & Garth Johnson #10 - 1540 Alberta Ave. Saskatoon, SK S7K 7C9 (306) 665-0474</p>	<p>Commercial & domestic water wells Small dia. Water wells, max. depth 400 ft. Casing size 5 inch E- logging, pump testing Large dia. Water wells, max. depth 120 ft. Casing size 30 inch fiberglass Dry auger test holes</p>

LIST OF HYDROGEOLOGISTS

Engineering companies that have hydrogeologist personnel on staff to design and complete commercial water wells to Sask Watershed Regulations.

There may be additional engineering companies in the area that are not on this list. If these companies want to be included, please contact us immediately.

Gary Pasloske

185 Roslyn Avenue
Yorkton SK S0H 4K0
Phone: (306) 782-7891

Water Mark Consulting Ltd.

Bill Jealou
David Tratch
1601 McAra Street
Regina SK S4N 6h4
Phone: (306) 565-0091
E-mail: www.watermarkconsulting.net

Beckie Hydrogeologists (1990) Ltd.

Mike Famulak
381 Park Street
Regina SK
Phone: (306) 721-0846
Fax: (306) 721-7729

MDH Eng. Solutions Corp.

Andrew or Greg
232 - 11 Research Drive
Saskatoon, SK S7N 3R2
Phone: (306) 934-7527
Fax.: (306) 934-7528
MDH have 8 hydro geologists personnel on staff.
They will bid a complete job, engineering and drilling combined or bid the engineering only.

Golder Associates

1721 – 8th Street East
Saskatoon SK S7H 0T4
Phone: (306) 665-7989
Fax: (306) 665-3342

J.D. Mollard & Associates

810 – 2002 Victoria Avenue
Regina SK S4P 0R7
Phone: (306) 352-8811 or 352-8855
Fax: (306) 352-8820

Clifton Associates Ltd.

340 Maxwell Crescent
Regina SK S4N 5Y5
Phone: (306) 721-7611
Fax: (306) 721-8128

AMEC Earth & Environmental

3017 Faithfull Avenue
Saskatoon SK S7K 8B3
Phone: (306) 975-0444
Fax: (306) 374-6121

Water System Supply and Design Companies

<p>Anderson Pump House N. Battleford Sk. S9A 3M1 (306) 937-7741 E-mail - nb@andersonpumphouse.com</p>	<p>Complete water system design Pump sizing & selection Pump repairs & installations Contact: Howard Kirby, Travis Wolfe or Terry Corpach</p>
<p>Aqua Pump House (95) LTD 1777 Chaplin St West Swift Current SK. S9H 0H4 Contact : Greg Smith (306) 773-3818</p>	<p>Pump Sales</p>
<p>Clarks Supply & Services Ltd 1650 Stadacona West Moose Jaw SK. Contact: Dave Clark (306) 693-4334 Fax: 693-0399</p>	<p>Pump Sales</p>
<p>Heron Servicing Ltd. CABRI SK (306) 587-7780</p>	<p>Pump Sales System Design Pump Repair`</p>
<p>Martin Borgerson Rockglen SK. (306) 476-2279</p>	<p>Supply & installation of water systems and pump repairs</p>
<p>Emco Waterworks/ Sandale Utility Products 37410 Yellowhead Road SASKATOON SK (306) 343-3626 Jason Santha – Branch Manager Darryl Servetnyk – Customer Service</p>	<p>Baroid Bentonite Products HDPE Pipe Rural Water Systems PVC Pipe & Fittings</p>

If more information is needed concerning these drilling companies or engineering firms, please contact Roger Wolfe at (306) 473 -2266 or Cell at (306) 648-7652.

I apologize in advance if any companies were not listed or if any companies disagree with the information in this newsletter. These pages were drawn up to be used as a general guide only and if any statements made on these pages are incorrect, please contact us in order that they may be corrected to Saskatchewan Water Well Association Standards.

Thank you kindly.

Roger Wolfe