

WELL RECORD FORM

PWSID# or PWTS No. _____		PWTS Permit No. _____		GeoSam WNumber (IGS use only) _____																																																									
Site Identification			Drill Method <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Auger <input type="checkbox"/> Cable <input type="checkbox"/> Other _____																																																										
Property owner <u>Regional Water RWS</u> Other ID <u>9R</u>			Hole size <u>22</u> inch from <u>0</u> ft to <u>31</u> ft _____ inch from _____ ft to _____ ft																																																										
Address <u>108 Highway 59</u> City <u>Avoca</u>																																																													
Tenant _____			Casing or Loop Pipe Record all depth measurements from ground level (GL). Use + for above GL measurements.																																																										
Well depth <u>31</u> ft Date completed <u>9 / 24 / 2020</u>																																																													
Location County <u>Shelby</u>			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Size (in)</th> <th>Material</th> <th>Depth Top</th> <th>Depth Bottom</th> <th>Packaged</th> <th>Slotted</th> <th>Screen</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Steel</td> <td>0</td> <td>25</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> slot size _____</td> </tr> <tr> <td>12</td> <td>Stainless</td> <td>25</td> <td>31</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/> slot size <u>.110</u></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> slot size _____</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> slot size _____</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Gravel packed</td> <td>26</td> <td>31</td> <td colspan="3">amount <u>1</u> SS variety <u>Northern</u></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Seals/packers</td> <td colspan="5">type _____</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Bottom capped</td> <td colspan="5">with <u>Northern</u></td> </tr> </tbody> </table>			Size (in)	Material	Depth Top	Depth Bottom	Packaged	Slotted	Screen	12	Steel	0	25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____	12	Stainless	25	31	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.110</u>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____	<input checked="" type="checkbox"/> Gravel packed		26	31	amount <u>1</u> SS variety <u>Northern</u>			<input type="checkbox"/> Seals/packers		type _____					<input type="checkbox"/> Bottom capped		with <u>Northern</u>				
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GPS coordinates (NAD83 datum) <u>41.5069690</u> Latitude <u>95.3418720</u> Longitude			Formation Log																																																										
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<u>SW</u> 1/4 of the <u>33</u> TWP <u>78</u> RNG <u>39</u> E W			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From</th> <th>To</th> <th>Color</th> <th>Hardness</th> <th>Formation description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>14</td> <td>tan</td> <td>dense</td> <td>top soil and brown clay with gray clay layer</td> </tr> <tr> <td>14</td> <td>30</td> <td>tan</td> <td>loose</td> <td>fine, medium, coarse sand and fine, medium, coarse gravel and rocks</td> </tr> <tr> <td>30</td> <td>40</td> <td>gray</td> <td>dense</td> <td>clay</td> </tr> <tr> <td colspan="5" style="text-align:center;">(use additional sheets as needed)</td> </tr> </tbody> </table>			From	To	Color	Hardness	Formation description	0	14	tan	dense	top soil and brown clay with gray clay layer	14	30	tan	loose	fine, medium, coarse sand and fine, medium, coarse gravel and rocks	30	40	gray	dense	clay	(use additional sheets as needed)																																			
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Show exact location of well in section grid with a dot (.). Sketch map of well location on property.			Casing Grout Placement method _____																																																										
Remarks (including depth of lost drilling fluids, materials, or tools)			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Depth Top</th> <th>Depth Bottom</th> <th>Amount (vol/wt)</th> </tr> </thead> <tbody> <tr> <td>Cement Grout</td> <td>0</td> <td>25</td> <td></td> </tr> <tr> <td>Bentonite Seal</td> <td>25</td> <td>26</td> <td></td> </tr> </tbody> </table>			Type	Depth Top	Depth Bottom	Amount (vol/wt)	Cement Grout	0	25		Bentonite Seal	25	26																																													
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Well Use			Pump Installation Date <u>6 / 4 / 2021</u>																																																										
<input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Public supply <input type="checkbox"/> Livestock			Type of pump <u>Grundfos</u> Depth to intake <u>39</u> ft																																																										
<input type="checkbox"/> Heat pump <input type="checkbox"/> Commercial <input type="checkbox"/> Irrigation			Pump diameter <u>4</u> in Rated capacity <u>35</u> GPM																																																										
# of borehole(s) _____ <input type="checkbox"/> Monitoring <input type="checkbox"/> Other _____			Water Information Date <u>4 / 19 / 2021</u>																																																										
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			Water level measurement: <input type="checkbox"/> Sonic <input checked="" type="checkbox"/> Tape <input type="checkbox"/> Airline <input type="checkbox"/> E-line <input type="checkbox"/> Estimate																																																										
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			Main water-supply zone from <u>25</u> ft to <u>31</u> ft below GL																																																										
			Well Development																																																										
			<input checked="" type="checkbox"/> Physical explain: <u>Surge blocked and pumped for 6 hours</u>																																																										
			<input type="checkbox"/> Chemical explain: _____																																																										
			Contractor																																																										
			Company <u>Sargent Drilling</u>																																																										
			Address <u>2016 Industrial Park Road, Carroll, IA 51401</u>																																																										
			Driller <u>Derek Schweitzer</u> Certification no. <u>8338</u>																																																										



Mail form to Iowa Department of Natural Resources: 502 E. 9th St., Des Moines, IA 50319-0034

Or click here to e-mail form to: well.records@dnr.iowa.gov

Make copies for well contractor, customer, and county health department

