

WELL RECORD FORM

PWTS No. or PWS No. _____		PWTS Permit No. _____		GEOSAM Well No. (IGS use only) 83488																																				
Site Identification			Drill Method <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Auger <input type="checkbox"/> Cable <input type="checkbox"/> Other _____																																					
Property owner <u>Osceola County RWS</u> Other ID <u>DT13/#D7</u>			Hole size hole size continued ____ inch from ____ ft to ____ ft ____ inch from ____ ft to ____ ft																																					
Address <u>2270 Walnut Ave.</u> City <u>May City</u>																																								
Tenant _____			Casing or Loop Pipe Record all depth measurements from ground level (GL). Use + for above GL measurements.																																					
Well depth <u>47</u> ft Date completed <u>9 / 13 / 2016</u>																																								
Location County <u>Osceola</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>Perforated</th> <th>Slotted</th> <th>Screen</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Steel</td> <td>0</td> <td>33</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 V-Wire</td> <td>33</td> <td>47</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/> slot size <u>.100</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> </tbody> </table>			Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen	12	Steel	0	33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____	12	Stainless V-Wire	33	47	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.100</u>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
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GPS coordinates (NAD83 datum) <u>43.3145000</u> Latitude <u>95.4806670</u> Longitude																																								
<input checked="" type="checkbox"/> Decimal Degrees <input type="checkbox"/> Degrees, Decimal Minutes <input type="checkbox"/> Degrees, Minutes, Seconds <u> </u> 1/4 of the <u> </u> 1/4 of the <u>SW</u> 1/4 of Sec <u>8</u> TWP <u>98</u> RNG <u>39</u> ^E _W																																								
Show exact location of well in section grid with a dot (.). Sketch map of well location on property.			Casing Grout Placement method _____																																					
Formation Log			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Depth Top</th> <th>Depth Bottom</th> <th>Amount (volwt)</th> </tr> </thead> <tbody> <tr> <td>Neat Cement Grout</td> <td>0</td> <td>25</td> <td> </td> </tr> <tr> <td>Bentonite Seal</td> <td>25</td> <td>30</td> <td> </td> </tr> <tr> <td><input checked="" type="checkbox"/> Gravel packed variety <u>Chlorina</u></td> <td>30</td> <td>47</td> <td> </td> </tr> <tr> <td><input type="checkbox"/> Seals/packers</td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Type	Depth Top	Depth Bottom	Amount (volwt)	Neat Cement Grout	0	25		Bentonite Seal	25	30		<input checked="" type="checkbox"/> Gravel packed variety <u>Chlorina</u>	30	47		<input type="checkbox"/> Seals/packers																		
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From	To	Color	Hardness	Formation description	Pump Installation Date ____/____/____																																			
0	5	brown	loose	Top soil and brown clay	Type of pump _____ Depth to intake _____ ft																																			
5	20	tan	loose	Fine, medium and coarse sand and fine, medium and coarse gravel and rocks	Pump diameter _____ in Rated capacity _____ GPM																																			
20	40	tan	loose	Fine, medium and coarse sand and fine, medium and coarse gravel and rocks with clay strip	Water Information Date ____/____/____																																			
40	48	tan	loose	Fine, medium and coarse sand and fine, medium and coarse gravel and rocks	Use + for above GL measurements.																																			
48	60	gray	dense	Gray clay	Static Water Level	Pumping Water Level																																		
					_____ ft	_____ ft																																		
					Yield	Duration																																		
					_____ GPM	_____ hrs																																		
					Water level measurement: <input type="checkbox"/> Sonic <input type="checkbox"/> Tape <input type="checkbox"/> Airline <input type="checkbox"/> E-line <input type="checkbox"/> Estimate																																			
					Water yield measurement: <input type="checkbox"/> Orifice <input type="checkbox"/> Volumetric <input type="checkbox"/> Estimate																																			
					Main water-supply zone from _____ ft to _____ ft below GL																																			
					Well Development																																			
					<input checked="" type="checkbox"/> Physical explain: <u>Double disc surge block</u>																																			
					<input checked="" type="checkbox"/> Chemical explain: <u>Aqua Clear PFD</u>																																			
Remarks (including depth of lost drilling fluids, materials, or tools)				Contractor																																				
				Company <u>Sargent Drilling</u>																																				
				Address <u>PO Box 364, Carroll, IA 51401</u>																																				
				Driller <u>Derek Schweitzer</u> Certification no. <u>8338</u>																																				
Well Use																																								
<input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Public supply <input type="checkbox"/> Livestock																																								
<input type="checkbox"/> Heat pump <input type="checkbox"/> Commercial <input type="checkbox"/> Irrigation																																								
# of borehole(s) _____ <input type="checkbox"/> Monitoring <input type="checkbox"/> Other _____																																								



Mail form to **Iowa Geological Survey**: 100 Oakdale IGS, Iowa City, IA 52242-1304

Or click here to e-mail form to: IHR-IGS-WellRecords@uiowa.edu

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

10-19-2016