

WELL RECORD FORM

PWSID# or PWTS No. _____		PWTS Permit No. _____		GeoSam WNumber (IGS use only) 86201	
Site Identification			Drill Method <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Auger <input type="checkbox"/> Cable <input type="checkbox"/> Other _____		
Property owner <u>City of Ralston</u> Other ID <u>Well #2</u>			Hole size hole size continued ____ inch from ____ ft to ____ ft ____ inch from ____ ft to ____ ft		
Address <u>PO Box 46</u> City <u>Ralston</u>					
Tenant _____			Casing or Loop Pipe Record all depth measurements from ground level (GL). Use + for above GL measurements.		
Well depth <u>150</u> ft Date completed <u>12 / 20 / 2016</u>					
Location County <u>Carroll</u>			Size (in) Material Depth Top Depth Bottom Perforated Slotted Screen		
GPS coordinates (NAD83 datum) <u>42.0422640</u> Latitude <u>94.6353500</u> Longitude			8 Steel 0 140 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> slot size _____		
<input checked="" type="checkbox"/> Decimal Degrees <input type="checkbox"/> Degrees, Decimal Minutes <input type="checkbox"/> Degrees, Minutes, Seconds			8 Stainless Steel 140 150 <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> slot size <u>.070</u>		
____ 1/4 of the ____ 1/4 of the <u>NE</u> 1/4 of Sec <u>36</u> TWP <u>84</u> RNG <u>33</u> ^E _W			<input type="checkbox"/> slot size _____		
Show exact location of well in section grid with a dot (.). Sketch map of well location on property.			<input type="checkbox"/> slot size _____		
			<input type="checkbox"/> slot size _____		
			<input checked="" type="checkbox"/> Gravel packed 119 150 amount <u>31'</u> variety <u>Northern</u> <input type="checkbox"/> Seals/packers type _____ <input type="checkbox"/> Bottom capped with <u>Northern</u>		
Formation Log			Casing Grout Placement method _____		
From	To	Color	Hardness	Formation description	
0	4	brown	dense	Top soil	
4	19	gray	dense	Sandy clay with small gravel	
19	25	gray	dense	Fine sand with clay	
25	71	gray	dense	Sandy clay w/fine sand layers	
71	137	gray	dense	Sandy clay w/fine sand layers and boulders	
137	141	gray	dense	Medium to fine sand w/clay boulders and small gravel	
141	156	gray	dense	Medium to coarse sand and gravel w/boulders	
156	170	gray	dense	Shale	
Pump Installation Date <u>8 / 4 / 2017</u>					
Type of pump <u>Grundfos</u> Depth to intake <u>77</u> ft					
Pump diameter <u>2</u> in Rated capacity <u>60</u> GPM					
Water Information Date <u>1 / 11 / 2017</u>					
Static Water Level		Pumping Water Level		Yield	Duration
<u>39</u> ft		<u>44</u> ft		<u>120</u> GPM	<u>6.00</u> hrs
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					
Water yield measurement: <input checked="" type="checkbox"/> Orifice <input type="checkbox"/> Volumetric <input type="checkbox"/> Estimate					
Main water-supply zone from <u>140</u> ft to <u>150</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: _____					
Remarks (including depth of lost drilling fluids, materials, or tools)					
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 _____	
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



DNR Form 542-8170