

PWTS No. or PWS No. _____		PWTS Permit No. _____		GEOSAM Well No. (DNR 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>City of Washta</u> Other ID <u>new</u>				Hole size hole size continued ____ inch from ____ ft to ____ ft ____ inch from ____ ft to ____ ft																																											
Address <u>PO Box 152</u> City <u>Washta</u>																																															
Tenant _____																																															
Well depth <u>143</u> ft		Date completed <u>3 / 27 / 2014</u>																																													
Location County <u>Cherokee</u>				Casing or Loop Pipe																																											
GPS coordinates (NAD83 datum) <u>42.5727780</u> Latitude <u>95.7155560</u> Longitude				Record all depth measurements from ground level (GL). Use + for above GL measurements.																																											
<input checked="" type="checkbox"/> Decimal Degrees <input type="checkbox"/> Degrees, Decimal Minutes <input type="checkbox"/> Degrees, Minutes, Seconds				<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>72</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>75</td> <td>95</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> slot size <u>.030</u></td> </tr> <tr> <td>12</td> <td>Steel</td> <td>95</td> <td>100</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>100</td> <td>110</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> slot size <u>.030</u></td> </tr> <tr> <td>12</td> <td>Steel</td> <td>110</td> <td>123</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	72	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____	12	Stainless V-wire	75	95	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.030</u>	12	Steel	95	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____	12	Stainless V-wire	100	110	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.030</u>	12	Steel	110	123	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
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NW <u>1/4</u> of the NW <u>1/4</u> of the NW <u>1/4</u> of Sec <u>32</u> TWP <u>90</u> RNG <u>41</u> E W				Casing Grout																																											
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.				Placement method _____																																											
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Formation Log				Pump Installation																																											
From	To	Color	Hardness	Formation description																																											
0	4	brown	loose	Top soil & clay																																											
4	7	tan	dense	med/coarse sand w/hard layers																																											
7	25	blue	dense	clay																																											
25	26			Hard																																											
26	40	blue	dense	clay w/sand layers																																											
40	52	blue	dense	clay																																											
52	60	green	dense	clay																																											
60	75	gray	dense	clay																																											
75	80	blue	dense	fine/med/coarse sand																																											
80	95	tan	dense	fine/med/coarse sand																																											
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96	100	tan	dense	clay with sand layers																																											
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123	143	tan	dense	sandstone w/shale streaks																																											
143	160	black	hard	shale																																											
(use additional sheets as needed)																																															
Remarks (including depth of lost drilling fluids, materials, or tools)				Water Information																																											
<div style="border: 2px solid blue; padding: 5px; display: inline-block;"> RECEIVED MAY 01 2014 By _____ </div>				Date ____ / ____ / ____																																											
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Well Development																																															
<input type="checkbox"/> Physical explain: _____				<input type="checkbox"/> Chemical explain: _____																																											
Well Use				Contractor																																											
<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 _____				Company <u>Charles Sargent Irrigation Company, Inc.</u>																																											
				Address <u>2016 Industrial Park Road, Carroll, IA 51401</u>																																											
				Driller <u>Derek Schweitzer</u> Certification no. <u>8338</u>																																											
				Revision Date: 10/2011																																											