

WELL RECORD FORM

94202

PWSID# or PWTS No. <u>1108025</u>		PWTS Permit No. <u>20190493</u>		GeoSam WNumber (IGS use only) _____																																																																																																																																																										
Site Identification Property owner <u>Alta Municipal Utilities</u> Other ID <u>Well #7</u> Address <u>223 Main St.</u> City <u>Alta</u> Tenant _____ Well depth <u>553</u> ft Date completed <u>9 / 9 / 2019</u>				Drill Method ☒ Rotary ☐ Auger ☐ Cable ☐ Other _____																																																																																																																																																										
Location County <u>Cherokee</u> GPS coordinates (NAD83 datum) <u>42.6796920</u> Latitude <u>95.2982360</u> Longitude _____ ☒ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds <u>SE</u> 1/4 of the <u>23</u> TWP <u>91</u> RNG <u>38</u> E W Show exact location of well in section grid with a dot (•). Sketch map of well location on property. 				Hole size <u>35</u> inch from <u>0</u> ft to <u>86</u> ft <u>22</u> inch from <u>0</u> ft to <u>553</u> ft hole size continued _____ inch from _____ ft to _____ ft																																																																																																																																																										
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Well Use ☐ Domestic ☒ Public supply ☐ Livestock ☐ Heat pump ☐ Commercial ☐ Irrigation # of borehole(s) _____ ☐ Monitoring ☐ Other _____				Pump Installation Date _____ / _____ / _____ Type of pump <u>Grundfos</u> Depth to intake <u>430</u> ft Pump diameter <u>10</u> in Rated capacity <u>625</u> GPM																																																																																																																																																										
				Water Information Date <u>11 / 12 / 2019</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Static Water Level</th> <th>Pumping Water Level</th> <th>Yield</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td><u>337</u> ft</td> <td><u>396</u> ft</td> <td><u>660</u> GPM</td> <td><u>24.00</u> hrs</td> </tr> </tbody> </table> Water level measurement: ☐ Sonic ☒ Tape ☐ Airline ☐ E-line ☐ Estimate Water yield measurement: ☒ Orifice ☐ Volumetric ☐ Estimate Main water-supply zone from <u>443</u> ft to <u>553</u> ft below GL		Static Water Level	Pumping Water Level	Yield	Duration	<u>337</u> ft	<u>396</u> ft	<u>660</u> GPM	<u>24.00</u> hrs																																																																																																																																																	
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Well Development ☒ Physical explain: <u>Surge Blocked and Pumped for 6 Hours</u> ☐ 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

DNR Form
542-8170