

WELL RECORD FORM

94393

PWSID# or PWTS No. <u>IA7820080</u>		PWTS Permit No. <u>2020-0137W</u>		GeoSam WNumber (IGS use only) <u>WL-07</u>																																																										
Site Identification Property owner <u>COUNCIL BLUFFS WATER WORKS</u> Other ID _____ Address <u>6601 GIFFORD RD.</u> City <u>COUNCIL BLUFFS</u> Tenant <u>WATER OPERATOR</u> Well depth <u>101</u> ft Date completed <u>5 / 4 / 20</u>				Drill Method ☐ Rotary ☐ Auger ☐ Cable ☒ Other <u>REVERSE CIRCULATION</u>																																																										
Location County <u>POTTAWATTAMIE</u> GPS coordinates (NAD83 datum) <u>41.11.20 N</u> Latitude <u>95.53.1 W</u> Longitude _____ ☒ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds <u>NW</u> 1/4 of the <u>NE</u> 1/4 of the <u>SE</u> 1/4 of Sec <u>522</u> TWP <u>T74N</u> RNG <u>R22 W</u> Show exact location of well in section grid with a dot (.). Sketch map of well location on property.				Hole size <u>36</u> inch from <u>0</u> ft to <u>101</u> ft _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft																																																										
				Casing or Loop Pipe Record all depth measurements from ground level (GL). Use + for above GL measurements. <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>24"</td> <td>STEEL</td> <td>+2'</td> <td>71'-6"</td> <td>☐</td> <td>☐</td> <td>☐ slot size _____</td> </tr> <tr> <td>24"</td> <td>STAINLESS STEEL</td> <td>71'-6"</td> <td>100'-2"</td> <td>☐</td> <td>☐</td> <td>☒ slot size .060</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>☐</td> <td>☐</td> <td>☐ slot size _____</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>☐</td> <td>☐</td> <td>☐ slot size _____</td> </tr> </tbody> </table> ☒ Gravel packed <u>35'</u> <u>101'</u> amount <u>47k</u> variety <u>1/2" #16 NG</u> ☒ Seals/packers <u>20'</u> <u>35'</u> type <u>HOLE PLUG/SURRY</u> ☐ Bottom capped with <u>1/2" SS PLATE ON SCREEN</u>		Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen	24"	STEEL	+2'	71'-6"	☐	☐	☐ slot size _____	24"	STAINLESS STEEL	71'-6"	100'-2"	☐	☐	☒ slot size .060					☐	☐	☐ slot size _____					☐	☐	☐ slot size _____																						
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Remarks (including depth of lost drilling fluids, materials, or tools)				Pump Installation - Test Date <u>5 / 4 / 20</u> Type of pump <u>AM. MARSH 10 YC</u> Depth to intake <u>72</u> ft Pump diameter <u>10</u> in Rated capacity <u>2400</u> GPM																																																										
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Well Development ☐ Physical explain: <u>AIR SURGED THRU DOUBLE DISK SURGE BLOCK</u> ☐ Chemical explain: <u>1500 PPM SODIUM HYPOCHLORIDE</u>				Contractor Company <u>CAHOY PUMP SERVICE</u> Address <u>24568 150th ST. SUMNER, IA 50674</u> Driller <u>TONY THEIN</u> Certification no. <u>8294</u>																																																										
Well Use ☐ Domestic ☒ Public supply ☐ Livestock ☐ Heat pump ☐ Commercial ☐ Irrigation # of borehole(s) _____ ☐ Monitoring ☐ Other _____																																																														