WELL RECORD FORM

PWSID# or PWTS No PWTS Permit No						GeoSam WNumber (IGS use only)									
Site Identification							Method ☑	Rotary \[\sigma A	uger 🔲	Cabl	e 🗆 Ot	her			
Property owner City of Cushing Other ID 2018-1									-						
Address 401 5th Street City Cushing							Hole size hole size continued								
Tenant							inch from ft to ft inch from ft to						to	ft	
Well depth <u>250</u> ft Date completed <u>10 / 16 / 2018</u>							inch from ft to ft inch from ft to								
Location County Woodbury							Casing or Loop Pipe								
GPS coordinates (NAD83 datum)							Record all depth measurements from ground level (GL). Use + for above GL measurements.								
42.4661170 Latitude 95.6731810 Longitude								Depth	Depth	Perfe	<u>0</u>	_	Caraara		
☑ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds							Material	Тор	Depth Depth Top Bottom			So	creen		
1/4 of the1/4 of the NE 1/4 of Sec 1 TWP 88 RNG 42 w							Steel	0	190			slot size			
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.						6	Stainless Stee	el 190	250			slot size .030			
N												slot siz	:e		
N N												slot siz	'e		
												slot siz	ze		
W + + E = E						☑ Gra	avel packed	180	250	amo	ount_17.5	variety N	lorther	n	
						☑ Sea	als/packers			type					
S 200 ft							☑ Bottom capped with Northern								
Formation Log						Casir	ng Grout		Place	ement	method_				
From	То	Color	Hardness		Formation description		Туре		Depth Top		Depth Bottom		mount ((vol/wt)	
0	11	brown	loose	Top so	il and brown clay	Bentor	nite cap	0	0 10			1500 lk	bs.		
11	30	tan	loose	Fine, m	nedium, coarse gravel	Neat c	ement grout	10	10 150			35 yd:	s.		
				and roo	cks	Bentor	nite seal		150 180		180	- 1	4,500 I	bs.	
30	60	gray	dense	Sticky	clay with rocks	Pump Installation Date 12 / 12 / 20 Type of pump Grundfos Depth to intake							118		
60	80	gray	dense	Sticky	clay with rocks and sand										
				and gra	avel				Depth to intake ft						
80	120	gray	dense	Sticky	clay with rocks	Pump	ump diameter in Rated capacity GP						3PM		
120	160	gray	dense	Clay		Wate	r Informatio	Date//							
160	182	gray	dense	Clay wi	ith sandstone streaks	Static	Water Level F	Pumping Water L	g Water Level Yi			D	uration		
182	251	tan	loose	Fine, m	nedium sandstone		ft		fth				rs		
251 280 gray hard Shale Water level measurement: ☐Sonic ☑Tape ☐Air									rline 🔲 E	-line [Estim	ate			
							Water yield measurement: ☑Orifice ☐Volumetric ☐Estimate								
						Main water-supply zone from ft to ft below GL									
				i		Well Development									
(use additional sheets as needed)							Physical explain: surge blocked and pumped for 8 hours								
Remarks (including depth of lost drilling fluids, materials, or tools)							emical explain	:						_	
	• (including o	epui oi lost di	ming naids, ma	terials, or t	0015)	0									
			<u> </u>		·	Contractor									
Well Use							Company Sargent Drilling								
□ Domestic □ Public supply □ Livestock					Address 2016 Industrial Park Road, Carroll, IA 51401										
☐ Heat pump ☐ Commercial ☐ Irrigation # of borehole(s) ☐ Monitoring ☐ Other							Driller Derek Schweitzer Certification no. 8338								
1	` / —	LIVIC	nitoring	L	Other	1									



