## WELL RECORD FORM

PWSID# or PWTS No PWTS Permit No					GeoSam WNumber (IGS use only) 86073					73				
Site Identification							Drill Method         □ Rotary         □ Auger         □ Cable         ☑ Other         Caisson							
Property owner Rural Water System No. 1 Other ID PL1-13									Τ					
Address 4438 380th St. City Hospers						Hole size hole size continued								
Tenant Randy ledema									_ft   inch from ft to ft					
Well depth 29 ft Date completed 5 / 15 / 2017							inch from ft to ft inch from ft to ft							
Location County Sioux County							Casing or Loop Pipe							
GPS coordinates (NAD83 datum)							Record all depth measurements from ground level (GL). Use + for above GL measurements.							
43.1109280 Latitude 95.9110330 Longitude							Material	Depth	Depth	· I % I U. I Screer		Screen		
Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds								Тор	Bottom					
$1/4$ of the $\frac{NE}{N}$ 1/4 of the $\frac{NW}{N}$ 1/4 of Sec $\frac{27}{N}$ TWP $\frac{96}{N}$ RNG $\frac{43}{W}$						20	Steel	0 20.3						
Show exact location of well in section grid with a dot (+). Sketch map of well location on property.						20	Stainless Stee							
N T						20	Steel 24.5 2		28.5	slot size				
												size		
W =														
						☑ Gravel packed		19	29	amo	ount <u>4'</u> variet	Red Flint		
							als/packers		type					
S 200 ft							Bottom capped with Red Flint							
Formation Log						Casing Grout  Placement method								
From	То	Color	Hardness		Formation description		Туре		Depth Top		Depth Bottom	Amount (vol/wt)		
0	11	Gray	Dense	Clay		Concre	ete Grout		10		17			
11	16	Brown	Dense		avel and sand	Benton	nite Seal	vauvana varanta varant	17	_	19			
16	25	Brown	Dense		gravel with rocks									
25	29	Brown	Dense	Clay		Pump Installation         Date 6 / 29 / 2017								
						Type of pump Shakti Depth to intake 28 ft								
						Pump diameter 6 in Rated capacity 150 GPM								
,						Water Information . Date 06 / 29 / 2017						29 / 2017		
			-			Static '	Water Level   F	umping Water Level			Yield Duration			
							14 <sub>ft</sub>	20	20 ft 23 GPM 2.00 hrs			2.00 hrs		
						Water level measurement: ☐Sonic ☑Tape ☐Airline ☐E-line ☐Estimate								
					7	Water yield measurement:								
						Main water-supply zone from ft to ft below GL								
						Well Development								
						✓ Physical explain: Surge blocked and pumped for 6 hours								
				(use addi	tional sheets as needed)	☐ Chemical explain:								
Remarks (including depth of lost drilling fluids, materials, or tools)							етпсаг ехріаіп.							
							Contractor							
Well Use						Company Sargent Drilling								
□ Domestic							Address PO Box 634, Carroll, IA 51401							
☐ Heat pump ☐ Commercial ☐ Irrigation							2000							
# of bore	# of borehole(s)							Driller Derek Schweitzer Certification no8338						





DNR Form 542-8170