### WELL RECORD FORM

PWSID# or F	PWSID# or PWTS No PWTS Permit No					GeoSam WNumber (IGS use only)							<u> </u>				
Site Identification PWS					Drill Method □ Rotary □ Auger □ Cable □ Other												
Property ownerPWS Other ID										T							
Address City					Holes	Hole size hole size continued											
Tenant					inch from0			_ ft to	ft	i	inch from _			ft to ft			
Well depth ft Date completed//						inch from		_ft to	ft	i	inch	from		ft to ft			
Location County							Casing or Loop Pipe										
GPS coordinates (NAD83 datum)							Record all depth measurements from ground level (GL). Use + for above GL measurements.									measurements.	
LatitudeLongitude						Size   Material		rial	Depth Top		Depth Bottom	perforated	Screen		Screen		
□ Decimal Degrees □ Degrees, Decimal Minutes □ Degrees, Minutes, Seconds □ Degrees, Minutes, Seconds										□ □ □ slot size			size				
1/4 of the1/4 of the1/4 of SecTWP 100 RNGW												□ □ slot size					
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.  N  grove of trees   Well												size					
6 parking lot														size			
														size			
w <del>     </del>					☐ Gravel packed						amou	int	variet				
+	+ + + + -   & 360th St					□ Sea	ls/packers		type								
S 200 ft					□ Bottom capped with												
Formation Log						Casing Grout Placement method											
From	To	Color	Hardness	ardness Formation description			Туре					Depth To	epth Top Depth Bott			Amount (vol/wt)	
					Pump Installation         Date/												
				Pump diameter in Rated capacity GPM													
				Water Information . Date/													
							Static Water Level Pur			mping	Water Le	evel	Yield			Duration	
							ft				f	fthrs				hrs	
							Water l	evel measur	emen	ıt: 🗆	□Sonic	□Таре	□Airli	ine 🗆	E-line	□ Estimate	
							Water y	/ield measur	emen	ıt:		Orifice □	Volur	netric	□Est	mate	
							Main w	ater-supply a	zone f	from _		_ ft to		ft bek	ow GL		
							Well I	Developn	nent								
				(110 - 11 - 11 - 11	tional share's	noodod)	☐ Phy	sical expl	ain: _								
(use additional sheets as needed)					Physical explain:												
Remarks (including depth of lost drilling fluids, materials, or tools)																	
							Contr										
Well Use					Company												
□ Domestic □ Public supply □ Livestock					Address												
☐ Heat pump ☐ Commercial ☐ Irrigation # of borehole(s) ☐ Monitoring ☐ Other						Driller Certification no											







# **Burr Oak Lutheran Church**

### **PWSID # 9609874**

2358 360<sup>th</sup> Street, Decorah, IA 52101 Started: 9/4/18 - Completed: 9/10/18

## Log of Well

0	to	2	Black Topsoil
2	to	11	Brown Clay
11	to	17	Gray Clay – very soft
17	to	20	Brown Clay & Gravel
20	to	155	Tan-Gray-Buff Limestone
155	to	191	Blue-Gray Shale & Limestone
191	to	216	Tan-Brown-Gray Limestone
216	to	230	Brown-Gray Shale
230	to	296	Gray Sandstone
296	to	297	Blue-Buff-Gray Shale & Limestone
297	to	352	Buff-Gray Limestone
352	to	355	Buff-Brown Sandstone
355	to	370	Buff-Gray Sandstone & Limestone
370	to	440	Buff-Gray Limestone & Sandstone

#### **Construction Record**

A 12.25" diameter hole was drilled to the depth of 22' and 24' of 10" OD steel casing was furnished, installed, and removed upon grouting. An 8.75" diameter hole was drilled to the depth of 335' and 337' of 5.5625" OD steel casing was furnished, installed, and grouted with neat cement grout. A 5" diameter hole was drilled to a depth of 440'. The well was then airlifted until clear.

The well had a static water level of 60' upon completion. The well was test pumped for 24 hours at 15 GPM with a final pumping water level of 226.87'.