

WELL RECORD

PWTS Permit N

Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

PWTS Well No.:

County Permit No CP-2016-0533W

Site Identification					Drill method <input checked="" type="checkbox"/> rotary <input type="checkbox"/> auger <input type="checkbox"/> cable other _____				
Property Owner: <u>SADDLEBACK RIDGE GOLF</u> Other ID: _____					Hole size				
Address <u>4646 180TH STREET, SOLON, IA 52333</u>					12 inch from <u>0</u> ft t <u>51</u> ft		6 inch from <u>210</u> ft t <u>415</u> ft		
Tenant _____					10 inch from <u>51</u> ft t <u>210</u> ft		inch from ft t ft		
Well Depth: <u>415</u> ft Date Completed: <u>10/24/2016</u>					Casing <input type="checkbox"/> Drive shoe <input type="checkbox"/> Pitless adaptor				
Location County <u>JOHNSON COUNTY HEALTH DEPT.</u>					Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
_____ mi. N S and _____ mi. E W of intersection of _____ and _____					6	STEEL	0	210	210
SW 1/4 of the SE 1/4 of the SW 1/4 of Sec 19 TW 81N RN 5W E W									
GPS Coordinateds (NAD83 datum only) decimal degrees:									
<u>41.803838</u> N. Latitude <u>-91.480113</u> W. Longitude.									
Show exat location of well in section grid with a dot (+). sketch map of well location on property.					Perforated or slotted casing?				
					<input type="checkbox"/> Perforated <input type="checkbox"/> Slotted from ft t ft				
					<input type="checkbox"/> Perforated <input type="checkbox"/> Slotted from ft t ft				
<input checked="" type="checkbox"/> upland <input type="checkbox"/> hillside <input type="checkbox"/> valley <input type="checkbox"/> level surface Elevation (if known) _____					Casing grouted? <input checked="" type="checkbox"/> Grouted Placement method: <u>PRESSURE</u>				
Formation log					Type	Depth top	Depth bottom	Amount (vol/wt)	
From	To	Color	Hardness	Formation description	CEMENT	0	210	115 BAGS	
0	51	BROWN	FIRM	CLAY					
51	70	GRAY	HARD	LIMESTONE					
70	72	CREVIS							
72	171			NO RETURN THRU 210'					
171	178			SHALE					
178	415		HARD	LIMESTONE (SILURIAN)					
Remarks (including depth of lost drilling fluids, materials, or tools)					Well Screen? <input type="checkbox"/> Screen				
					Diameter	Slot size	Depth top	Depth bottom	Lenght
									Material
					Bottom Capped	<input type="checkbox"/> with			
					Packers	<input type="checkbox"/> kind depth ft			
					Seals	<input type="checkbox"/> kind depth ft			
					Gravel packed	<input type="checkbox"/> from to ft			
					type		amount		
					Well developed? <input checked="" type="checkbox"/> Well Developed				
					Explain <u>WITH AIR</u>				
					<input type="checkbox"/> pumped <input checked="" type="checkbox"/> airlifted <input type="checkbox"/> bailed for 1 hrs at <u>150</u> GPM				
					Pump installed? <input type="checkbox"/> Pump Installed Date				
					Type of Pump	Depth to Intake ft			
					Pump diameter	Rated Capacity GPM GPM			
					Water information <input type="checkbox"/> Sand/gravel <input checked="" type="checkbox"/> Limestone <input type="checkbox"/> Sandstone				
					Main water-supply zone 1 from	<u>220</u>	ft to	<u>415</u>	ft
					Main water-supply zone 2 from	ft to	ft	<input type="checkbox"/> seepage well	
					Static water level	<u>66</u> ft (below/above) G	<input type="checkbox"/> tape	<input type="checkbox"/> airline	<input type="checkbox"/> E-line
					Pump water level	ft (below GL)	<input type="checkbox"/> tape	<input type="checkbox"/> airline	<input type="checkbox"/> E-line
					At yield of	GPM;	<input type="checkbox"/> Orifice	<input type="checkbox"/> Volumetric	<input type="checkbox"/> Estimate for
					Measurement taken at	Date	hours		
					Water quality test? <input type="checkbox"/> Date				
					Tested by				
					Contractor name <u>GINGERICH WELL PUMP SERVICE, LLC</u>				
					Adress <u>1331 HWY 1, KALONA, IA 52246</u>				
					Driller <u>CORWIN GINGERICH, JOE ALLE</u> Certification no. <u>2638, 1035,</u>				