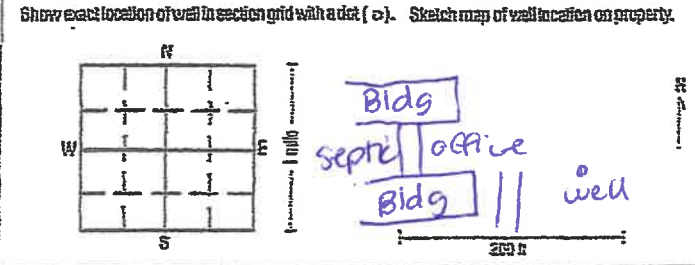


Site Identification 2220330
 Property Owner Summit Farms Other ID _____
 Address 305 180th St Whittemore
 Tenant Weber Site
 Well Depth 267 ft Date completed 11/6/21

Location County Rossuth
 _____ mi. N and _____ mi. E of intersection of _____ and _____
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 21 TWP 95 R9S 30 W

GPS Coordinates (NAD83 datum only) decimal degrees:
43 0245327 N Latitude -94 391487 W Longitude



upland inside valley level surface Section (if known) _____

Formation log				
From	To	Color	Hardness	Formation description
0	2	Black	S	topsoil
2	9	yellow	S	Sandy clay
9	51	Blue	S	Clay
51	54	gray	S	Sand? Shale
54	70	gray	S	Clay
70	73	light gray	S	Clay
73	77	orange	S	Clay
77	86	purple	S	Clay
86	89	red	S	Clay
89	96	yellow red	S	sandstone? Clay
96	113	light gray	S	Shale
113	147	white	S	Clay
147	153	red	S	Clay
153	155	white	S	Clay

Remarks (including depth of lost drilling fluids, materials, or tools)

Well use

<input type="checkbox"/> Domestic	<input type="checkbox"/> Heat pump	<input type="checkbox"/> Commercial
<input checked="" type="checkbox"/> Livestock	<input type="checkbox"/> Municipal	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test well	<input type="checkbox"/> Public supply	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Irrigation	

Drill method rotary auger cable other _____
 Hole size
9 3/8 inch from 0 ft to 216 ft
5 3/4 inch from 216 ft to 267 ft
 hole size continued _____ inch from _____ ft to _____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing Size (ID/OD)	Drive shoe (yes/no) Type / Wt	Pulley adapter (yes/no)		Amount (length)
		Depth top	Depth bottom	
6.9 PVC	SDR17	12	216	218

Perforated or slotted casing? (yes/no)
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no) _____ Placement method _____

Type	Depth top	Depth bottom	Amount (vol/wt)
3/4 Hole plug	0	216	1700

Well screen? (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
0					

Bottom capped (yes/no) with _____
 Seals / Packers (yes/no) kind _____ depth _____ ft
 Gravel packed (yes/no) from _____ ft to _____ ft
 type _____ amount _____

Well developed? (yes/no)
 Explain (pumped, drilled, bailed) for 1 hrs at 100 GPM

Pump installed? (yes/no) _____ Date _____/_____/_____
 Installer's name L.M. Pump
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ Rated capacity _____ (GPM)

Water information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 256 ft to 267 ft saepage well
 Static water level 30 ft (below/above) GL; tape estimate
 Pumping water level 60 ft below GL; tape estimate
 At yield of 50 GPM; office volumetric estimate for _____ hours
 Measurements taken at _____ (AM/PM) Date _____/_____/_____

Water quality test? (yes/no) _____ Date tested _____/_____/_____
 Tested by county sanitarian

Contractor Schumacher Well Drilling
 Address 2201 Slagle Dr Algona
 Driller Jeremy walker Certification no. 6087

WELL RECORD FORM

2093

PWTS No. or PWS No. _____ PWTS Permit No. 58184 GEOSAM Well No. (IGS use only) 95895-

Site Identification 2220330
 Property owner Summit Farms Other ID _____
 Address 305 180th St City Whitemare
 Tenant Weber Site
 Well depth _____ ft Date completed ____/____/____

Drill Method Rotary Auger Cable Other _____
Hole size _____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ ft

Location County _____
 GPS coordinates (NAD83 datum)
 Latitude _____ Longitude _____
 Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ W
 Show exact location of well in section grid with a dot (-). Sketch map of well location on property.

Casing or Loop Pipe
 Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen
				<input type="checkbox"/>	<input type="checkbox"/>	slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	slot size _____

Formation Log

From	To	Color	Hardness	Formation description
155	157	white	m	Limestone
157	160	red	S	Clay
160	177	white	S	Clay
177	181	gray	S	Sandstone & shale
181	194	red	S	Clay
194	195	white	S	Clay
195	209	red	S	Clay
209	210	green	S	Shale
210	219	tan	MH	Limestone
219	220	light blue	m	Shale
220	226	gray	MH	Limestone
226	230	brown	MH	Limestone
230	236	gray	MH	Limestone
236	238	tan	MH	Limestone
238	242	gray brown	MH	Limestone
242	247	tan	MH	Limestone

(use additional sheets as needed)

Casing Grout Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)

Gravel packed variety _____
 Seals/packers

Pump Installation Date ____/____/____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information Date ____/____/____
 Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
_____ ft	_____ ft	_____ GPM	_____ hrs

Water level measurement: Sonic Tape Airline E-line Estimate
 Water yield measurement: Orifice Volumetric Estimate
 Main water-supply zone from _____ ft to _____ ft below GL

Well Development
 Physical explain: _____
 Chemical explain: _____

Remarks (including depth of lost drilling fluids, materials, or tools)

Contractor
 Company Schumacher Well
 Address _____
 Driller J Walker Certification no. 6087

Well Use
 Domestic Public supply Livestock
 Heat pump Commercial Irrigation
 # of borehole(s) _____ Monitoring Other _____

