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

WELL RECORD #36912 Permit No. _____

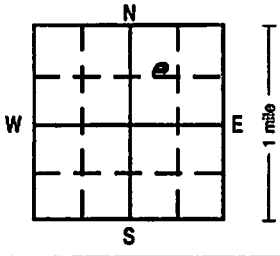
Site Identification

Property Owner Cordell Braverman Well Number 1
Address Red Wing Estates Iowa City IA
Tenant _____
Well Depth 510 ft Date Completed 5 / 10 / 95

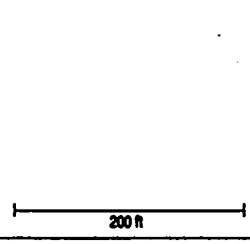
Location

County Johnson
___ mi. N/S and ___ mi. E/W of intersection of Jasper and American Legion
SE 1/4 of the NW 1/4 of the NE 1/4 of Sec 21 TWP 79 N RNG 5 E/W
Scott

Show exact location of well in section grid with a dot (●).



Sketch map of well location on property



☐ upland ☐ hillside ☐ valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	15	yellow		Clay
15	60	Blue		Clay
60	65			Sand
65	190			Clay Some Sand
190	215			Shale
215	260	Brown		Limestone
260	310	grey		Some Shale
310	350	Brown		Hard Limestone
350	365	Brown		Spring Grove
365	380	Spring grove		Silurian Brock
380	510			Silurian

use additional sheets as needed

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

Well use

☐ Domestic ☐ Livestock ☐ Test Well
☐ Municipal ☒ Public Supply ☐ Irrigation
☐ Industrial ☐ Monitoring ☐ Other _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

14 inch from 0 ft to 225 ft
12 inch from 225 ft to 400 ft

hole size continued
8 inch from 400 ft to 510 ft
___ inch from ___ ft to ___ ft

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

Casing

Drive shoe (yes / no) Pitless adaptor (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8" 10	Steel			402 +

Perforated or slotted casing? (yes / no)

Perforated / slotted from ___ ft to ___ ft
Perforated / slotted from ___ ft to ___ ft

Casing grouted? (yes / no)

Type	Depth Top	Depth Bottom	Amount
Bon-Seal	Pumped Bottom to Top Full Length		

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material

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 test pump with air and with test pump

Pump installed? (yes / no) Date 9 / 20 / 95

Installer's name Jack Kremer
Type of pump Sub Depth to intake 240 ft
Pump diameter 6" Rated capacity 80 GPM

Water information

Aquifer: ☐ sand/gravel ☒ limestone ☐ sandstone
Main water-supply zone from 400 ft to 460 ft
Final water level (static water level) 95 ft (below / above) GL.
Pumping water level 138 ft below GL; ☐ tape ☒ airline ☐ E-line
At yield of 80 GPM; ☐ orifice ☒ volumetric ☐ estimate Date 9-20-95

Water quality test? (yes / no) Date tested 10 / 2 / 95

Tested by Hygenic Lab Iowa City
Test results _____

Contractor Kremer Well Drilling
Address 1997 White Oak Rd Mt. Pleasant,
Driller Jack Kremer Certification no. 40123

white copy - Iowa DNR, Geological Survey Bureau blue copy - Well Contractor pink copy - Customer yellow copy - County Health Officer