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

WELL RECORD 68512

PWTS Well No. _____ PWTS Permit No. _____
County Permit No. _____

Site identification

Property Owner Steve Hiem Other ID _____
Address Lansing Harpers Rd Lansing IA
Tenant _____
Well Depth 120 ft Date completed 10 / 21 / 09

Location

County Allamakee

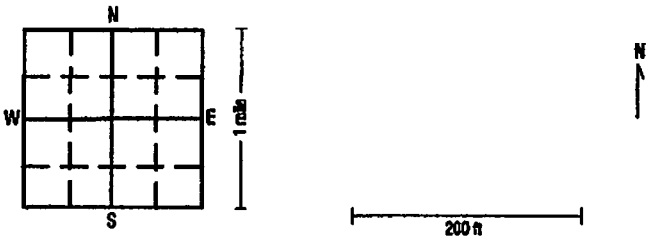
____ mi. N/S and ____ mi. E/W of intersection of _____ and _____

SW 1/4 of the SE 1/4 of the NE 1/4 of Sec 19 TWP 98 RNG 3 E/W

GPS Coordinates (NAD83 datum only) decimal degrees:

_____ . _____ N. Latitude _____ . _____ W. Longitude.

Show exact location of well in section grid with a dot (●). Sketch map of well location on property.



☐ upland ☐ hillside ☒ valley ☐ level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	23	brown	med	Broken limerock
23	60	brown	med	Limerock &sandstone
60	118	brown	med	sandstone
118	120	grey	hard	limerock

use additional sheets as needed

Remarks (including depth of lost drilling fluids, materials, or tools)
30 ppm nitrate .3 iron

Well use

☒ Domestic ☐ Livestock ☐ Test well
☐ Heat pump ☐ Municipal ☐ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other _____

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

12.25 inch from 0 ft to 20 ft
8.75 inch from 20 ft to 96 ft

hole size continued
5 inch from 96 ft to 120 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)
5 in	258 wall	+2ft	96ft	98 ft

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no) Placement method Tremie pipe

Type	Depth top	Depth bottom	Amount (vol/wt)
cement	70 ft	96 ft	6 bags
benseal	0	70 ft	9 bags

Well screen? (yes / no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
	0.___				
	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, airlifted, bailed) for 1/2 hrs at 20 GPM

Pump installed? (yes / no) Date ____ / ____ / ____

Installer's name _____
Type of pump _____ Depth to intake _____ ft
Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer: ☐ sand / gravel ☐ limestone ☒ sandstone
Main water-supply zone from 96 ft to 118 ft ☐ seepage well
Static water level 45 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 85 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 15 GPM; ☐ orifice ☐ volumetric ☒ estimate for _____ hours
Measurements taken at 11: 40 (AM / PM) Date 10 / 21 / 09

Water quality test? (yes / no) Date tested ____ / ____ / ____

Tested by _____

Contractor B & B Drilling
Address Edgewood, IA 52042
Driller Jim Bunting Certification no. 1726

Send original form to: **Iowa Department of Natural Resources – Geological Survey**
Make photocopies for: **Well Contractor, Customer, and County Health Department**