51863

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

WELL RECORD

Permit No. _____

Site identification

Property Owner Remsen, IA Well Number 9

Address 205 Fulton Street

Tenant Remsen, IA 51050

Well Depth 550 ft Date completed ____/____/____

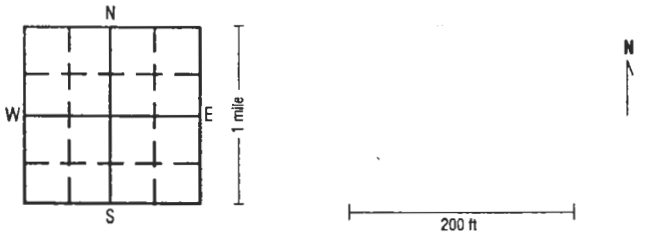
Location

County Plymouth

____mi. N/S and ____mi. E/W of intersection of _____ and _____

____1/4 of the____1/4 of the____1/4 of Sec____TWP____RNG____ E/W

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	360			clay
360	380			fine sand w/ clay
380	430			fine-medium sand
430	480			shale
480	538			sandstone
538	550			sandstone/shale
550	579			shale w/ limestone
579	582			limestone

use additional sheets as needed

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

Well use

☐ Domestic ☒ Municipal ☐ Commercial
☐ Livestock ☐ Public supply ☐ Monitoring
☐ Test well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☐ rotary ☐ auger ☐ cable other Reverse

Hole size

____ inch	from 0 ft	to ____ ft	____ inch	from ____ ft	to ____ ft
24 inch	from 0 ft	to 550 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 adapter (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
12"	375	0	390	390
			430	482

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)

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
12"	0.020	390	430		S.S.
	0.020	482	550		S.S.

Bottom capped (yes / no) with Cap S.S.

Seals / Packers (yes / no) kind _____ depth _____ ft

Gravel packed (yes / no) from 550 ft to 370 ft

type 00 amount 34

Well developed? (yes / no)

Explain _____

(pumped, airlifted, bailed) for 24 hrs at 800 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 390 ft to 550 ft ☐ seepage well

Static water level 150 ft (below / above) GL; ☒ ☐ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level _____ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

At yield of _____ GPM; ☐ orifice ☐ volumetric ☐ estimate

Measurements taken at ____:____ (AM / PM) Date 7 / 10 / 01

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

Tested by _____

Contractor Layne Western

Address 25450 Hwy 275

Driller _____ Certification no. 40538

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