

Site Identification
 Property Owner Northwood, IA Well Number 3
 Address City Hall 627 Central Avenue
 Tenant _____
 Well Depth 350 ft Date Completed 7 / 25 / 01

Drill method rotary auger cable other _____
Hole size
 17 1/2 inch from 0 ft to 65 ft hole size continued _____ inch from _____ ft to _____ ft
 1 7/8 inch from 65 ft to 350 ft _____ inch from _____ ft to _____ ft

Location County Worth
 _____ mi. N and _____ mi. E of intersection of _____ and _____
NE 1/4 of the NE 1/4 of the NE 1/4 of Sec 29 TWP 100 RNG 20 E
 Show exact location of well in section grid with a dot (•).
 Sketch map of well location on property

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

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
12" ID	steel/53#	+1	65	65

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
cement	5'	65	56 bags

upland hillside valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	2			Top Soil
2	25			Sand
25	48			Blue Clay and Sand
48	85	Br	Hard	Limestone
85	110	Gray		Limestone
110	111	Green		Shale Break
111	120	Gray		Limestone w/Shale
120	174	Lt. Br.	Hard	Limestone
174	175			Shale Break
175	220	Brown		Limestone
220	225	Brown		Limestone w/Shale
225	267	Gray	Med.	Limestone
267	268	Gray		Shale
268	346	Gray	Med.	Limestone w/shale
346	350		Hard	Limestone

use additional sheets as needed

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 Air surging

Pump Installed? (yes) (no) _____ Date 12 / 4 / 01
 Installer's name Northway Well and Pump Co.
 Type of pump submersible Depth to intake 60 ft
 Pump diameter 6" Rated capacity 545 GPM

Water Information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 65 ft to 350 ft
 Final water level (static water level) 17 ft (below) (above) GL.
 Pumping water level 51 ft below GL: tape airline E-line
 At yield of 545 GPM; orifice volumetric estimate Date 12-4-01

Water quality test? (yes) (no) _____ Date tested 12 / 4 / 01
 Tested by Keystone Labs
 Test results Bacteria, ok

Remarks (including depth of lost drilling fluids, materials, or tools)
None

Well use

<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Municipal	<input type="checkbox"/> Industrial
<input type="checkbox"/> Livestock	<input type="checkbox"/> Public Supply	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test Well	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Other _____ (explain)

Contractor Northway Well and Pump Co.
 Address 4895 8th Avenue Marion, IA 52302
 Driller Frank Caes Certification no. 40364