

Site Identification
 Property Owner Northwood, IA Well Number 4
 Address City Hall 627 Central Ave.
 Tenant _____
 Well Depth 350 ft Date Completed 10 / 12 / 01

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 20E (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	4			Top Soil
4	25			Sand
25	48	Blue		Clay w/sand
48	63	Brown	Hard	Limestone
63	65		Soft	Limestone
65	84	Brown	Hard	Limestone
84	86	Gray	Soft	Shale
86	108	Gray	Hard	Limestone
108	117	Lt. Gray		Limestone w/shale
117	120	Gray	Hard	Limestone
120	218	Lt. Gray	Hard	Limestone
218	225	Brown	Hard	Limestone
225	334	Gray		Limestone w/shale
334	336	Gray		Shale
336	350	Brown		Limestone

use additional sheets as needed

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

Well use

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

Drill method rotary auger cable other _____
Hole size
 1 7 1/2 inch from 0 ft to 67 ft hole size continued _____ inch from _____ ft to _____ ft
 1 7/8 inch from 67 ft to 350 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)
12" ID	steel 53#		67	

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

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

Type	Depth Top	Depth Bottom	Amount
cement	5'	67'	100 bags

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) (no) _____
 Explain _____

Pump installed? (yes/no) (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 565 GPM

Water Information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 67 ft to 350 ft
 Final water level (static water level) 17 ft (below/above) GL.
 Pumping water level 53 ft below GL; tape airline E-line
 At yield of 565 GPM; orifice volumetric estimate Date 12-4-01

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

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