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

WELL RECORD 52392 Permit No. _____

Site identification

Property Owner Roland, City of Well Number _____

Address _____

Tenant _____

Well Depth 245 ft Date completed 9/28/00

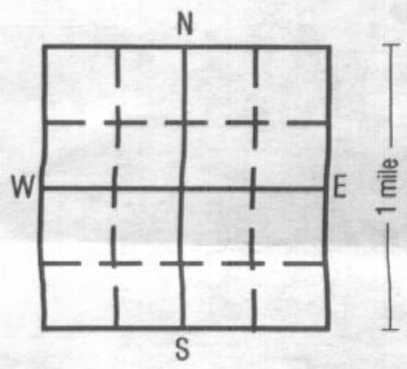
Location

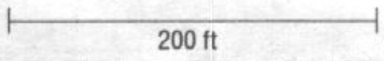
County Story

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

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 14 TWP 85 RNG 23 E/W

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





N

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

Formation log

From	To	Color	Hardness	Formation description
0'	18'	Brown		Clay
18'	29'	Blue		Clay
29'	34'			Washed out Sandy Clay
34'	40'		Soft	Limerock
40'	48'			Limerock
48'	52'			Shale
52'	65'			Limerock, Shale
65'	67'			Open
67'	80'			Limerock, Shale
80'	109'	Gray		Limerock
109'	120'	Blue		Shale
120'	142'			Limerock, Shale
142'	150'			Limerock
150'	240'			Limerock
240'	245'			Limerock

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 _____

Hole size

14 3/4 inch from 0 ft to 37 ft
19 inch from 0 ft to 36 ft
17 1/2 hole size continued 36' to 56'
15 inch from 56 ft to 130 ft
10 inch from 130 ft to 245 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)
16"	Steel	0'	57'	57'
10"	Steel	+2'	130'	132'
8"	PVC	125'	245'	120'

Perforated or slotted casing? (yes / no)

Perforated / slotted from 141 ft to 241 ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no) Placement method _____

Type	Depth Top	Depth bottom	Amount (vol/wt)
Neat Cement	0'	130'	109 sacks
Benseal			25 sacks

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 150 GPM @ 115'
(pumped, airlifted, bailed) for _____ hrs at _____ 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 _____ ft to _____ ft ☐ seepage well
Static water level 49 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level _____ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of 200 GPM; ☐ orifice ☐ volumetric ☐ estimate
Measurements taken at _____:_____ (AM / PM) Date ____/____/____

Water quality test? (yes / no)

Date tested ____/____/____
Tested by _____

Contractor Shawver Well Company, Inc.
Address Freder
Driller _____ Certification no. _____

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

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