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

WELL RECORD PAGE 1 54095 Permit No. _____

Site identification

Property Owner Sheffield, City of Well Number #5

Address _____

Tenant _____

Well Depth 450' ft Date completed 5 / 1 / 01

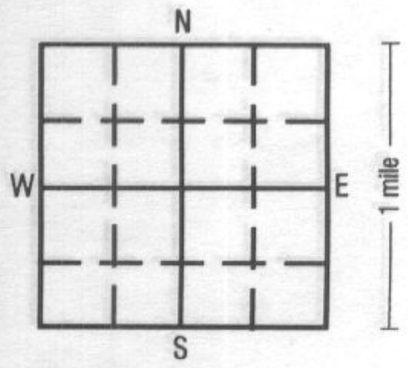
Location

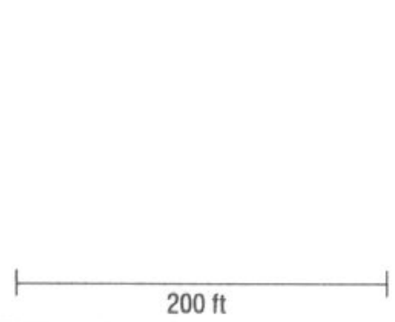
County Franklin

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

SW 1/4 of the SE 1/4 of the SE 1/4 of Sec 5 TWP 93 RNG 20 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'	4'			Sandy Clay
4'	29'			Sand
29'	30'	Brown		Clay
30'	33'		Soft	Rock
33'	38'	Gray		Limerock
38'	50'			Muli-Colored Rock
50'	70'	Blue	Soft	Shale
70'	81'	Brown		Rock
81'	120'		Firm	Shale
120'	140'		Soft	Shale
140'	160'		Firm	Shale
160'	175'	Lt Brown		Rock
175'	196'	Gray		Rock
196'	235'			Multi Colored Rock
235'				Brown Rock
235'	270'			Multi Colored Rock
270'	333'	Brown		Limerock
333'	380'			Water

use additional sheets as needed (Cont.)

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

Well use

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

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

14 3/4 inch from 0 ft to 36 ft
23 inch from 0 ft to 33 ft

hole size continued

17 1/2 inch from 33 ft to 196 ft
10 inch from 196 ft to 450 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)
18 5/8	steel			34'
10 3/4	steel			198'

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)
Neat Cement			259 sacks
Holeplug			2 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 500 GPM @ 450', 200 GPM @ 140'

(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 14 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

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

At yield of 100 GPM; ☐ orifice ☐ volumetric ☐ estimate

Measurements taken at _____ : _____ (AM / PM) Date ____ / ____ / ____

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

Tested by _____

Contractor Shawver Well Company

Address Fredericksburg, IA 50630

Driller Jim Bunting Certification no. 40121

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

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