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

WELL RECORD

55009 Permit No. FRANKLIN #1

Site identification

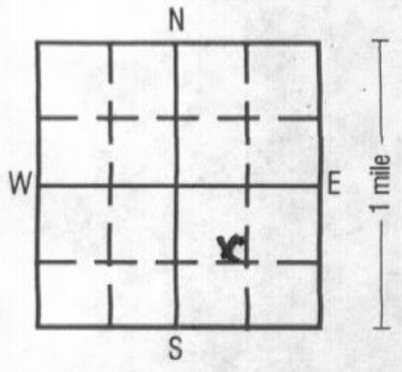
Property Owner FRANKLIN CO. CONSERVATION Well Number 01
Address 946 US 65 HAMPTON IA
Tenant SAME
Well Depth 135 ft Date completed 10 / 28 / 01

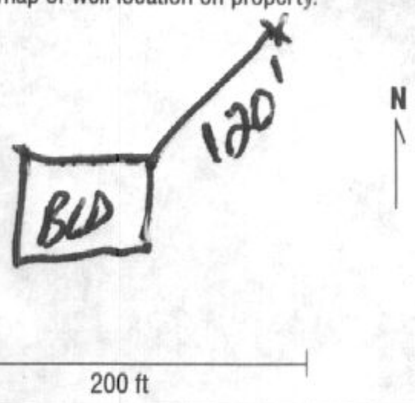
Location

County FRANKLIN

AT mi. N/S and mi. E/W of intersection of C47 and US65
SE 1/4 of the NW 1/4 of the SE 1/4 of Sec 21 TWP 91 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	1	BLK	SOFT	DIRT
1	15	BRN	"	SANDY CLAY
15	35	GRY	"	"
35	58	BLE	"	"
58	62	MULT	"	SAND
62	89	BRN	"	SANDY CLAY
89	97	GRY	"	"
97	103			LOST CIRCULATION
103	110	LT BRN	HARD	LIMESTONE
110	115	BRN GRY	"	"
115	132	LT BRN	"	"
132	135	GRY	SOFT	CLAY

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

9 7/8 inch from 0 ft to 106 ft
6 inch from 106 ft to 135 ft

hole size continued

inch from ft to 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)
6"	SDR21	+2	106	108

Perforated or slotted casing? (yes / no)

Perforated / slotted from ft to ft
Perforated / slotted from ft to ft

Casing grouted? (yes / no)

Placement method TREMIE BOTTOM UP

Type	Depth Top	Depth bottom	Amount (vol/wt)
BENSEAL	6	106	264 BAG
HOLEPLUG	0	6	2 BAGS

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 WITH PUMP
(pumped, airlifted, bailed) for 72 hrs at 7 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 120 ft to 132 ft ☐ seepage well
Static water level 60 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 75 ft below GL; ☐ tape ☒ airline ☐ E-line ☐ estimate
At yield of 7-8 GPM; ☐ orifice ☒ volumetric ☐ estimate
Measurements taken at : (AM / PM) Date ____ / ____ / ____

Water quality test? (yes / no)

Date tested ____ / ____ / ____
Tested by

Contractor

Mort's Well Co.
1451B Gull Ave., P.O. Box 715
Latimer, IA 50452
Address
Driller John Phone 515-579-6420 Certification no. 40521

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