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

WELL RECORD 58911 Permit No. _____

Site identification

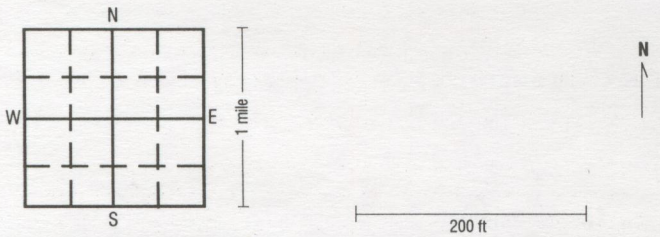
Property Owner Lou Sanboeuf Well Number _____
Address P.O. Box 252, Independence, IA 50644
Tenant _____
Well Depth 260 ft Date completed 5 / 21 / 04

Location

County Buchanan

_____ mi. N/S and _____ mi. E/W of intersection of _____ and _____
_____ 1/4 of the _____ 1/4 of the NE 1/4 of Sec 32 TWP 89 RNG 9 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'	2'			Topsoil
2'	10'	Brown		Clay with Sand
10'	17'	Blue		Sandy Clay
17'	21'			Sand
21'	32'	Blue		Sandy Clay
32'	61'	Blue		Clay
61'	86'	Blue		Sandy Clay
86'	94'	Brown		Limerock
94'	116'	Brown		Limerock
116'	128'	Lt. Brown		Limerock Lt.
128'	129'	Black		Shale
129'	173'	Lt. Brown		Rock
173'	185'	Brown		Rock
185'	198'	Gray		Limerock
198'	230'	Lt. Brown		Limerock
230'	259'	Gray White		Limerock
259'	260'	Blue		Shale

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

12 1/4 inch from 0 ft to 13' ft
19" inch from 0 ft to 4 1/2 ft

hole size continued

17 inch from 4 1/2 ft to 94 ft
13 inch from 94 ft to 152 ft 73/8" 152' to 260'

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Size (ID/OD)	Type / Wt	Drive shoe (yes / no)	Pitless adapter (yes / no) Depth top	Depth bottom	Amount (length)
14"	Steel		+11"	94'	94'11"
8 5/8"	PVC		+1	152'	153'

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

Type	Depth Top	Depth bottom	Amount (vol/wt)
Benseal	0	152'	26 sacks
Casing Seal High Early Volclay			5 sacks 10 sacks 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 118'@ 64 GPM, 150@87GPM, 260@100 GPM
(pumped, airlifted, bailed) for 1.5 hrs at 87 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 38 ft (below / above) GL; ☐ tape ☐ airline ☒ E-line ☐ estimate
Pumping water level 150 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 87 GPM; ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 5 : 00 (AM / PM) Date 5 / 21 / 04

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

Tested by _____

Contractor Shawver Well Company
Address Fredericksburg, IA 50630
Driller Dale Schumacher Certification no. 6471

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