57223

WELL RECORD VINCENT SITE

Permit No. STATE #

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

Site identification

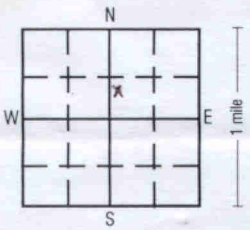
Property Owner SPARBOE FARMS Well Number 02
Address 570 BUCHANAN AVE CABLE IOWA
Tenant SAME
Well Depth 425 ft Date completed 1 / 8 / 05

Location

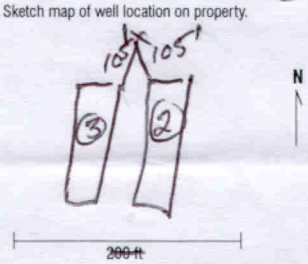
County WRIGHT

2/3 mi. N/S and 1/2 mi. E/W of intersection of C56 and BUCHANAN
NW 1/4 of the SW 1/4 of the NE 1/4 of Sec 20 TWP 90 RNG 26 E/W

Show exact location of well in section grid with a dot (●).



Sketch map of well location on property.



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

Formation log

From	To	Color	Hardness	Formation description
0	2	BLK	SOFT	SOIL
2	21	BRN	"	SANDY CLAY
21	42	BRN	"	"
42	44	MED	"	SAND
44	89	BRN	"	SANDY CLAY
89	91	MED	"	SAND
91	124	BRN	"	SANDY CLAY
124	134	BRN	"	"
134	167	BRN	HARD	LIMESTONE
167	425	BR GRY	"	"

use additional sheets as needed

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

12 1/4 inch from 0 ft to 151 ft
7 3/4 inch from 151 ft to 425 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)
8"	SDR21	+2	151	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 BOTTOM UP

Type	Depth Top	Depth bottom	Amount (vol/wt)
BENSEAL	0	151	660 gal

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 8 hrs at 165 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 285 ft to 425 ft ☐ seepage well
Static water level 59 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 214 ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of 165 GPM; ☐ orifice ☒ volumetric ☐ estimate
Measurements taken at ____ : ____ (AM / PM) Date 1 / 12 / 05

Water quality test? (yes / no)

Date tested ____ / ____ / ____
Tested by _____

Contractor _____
Address _____
Driller _____ Certification no. 40521

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