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

WELL RECORD 75627

Permit No. 30936

Site identification

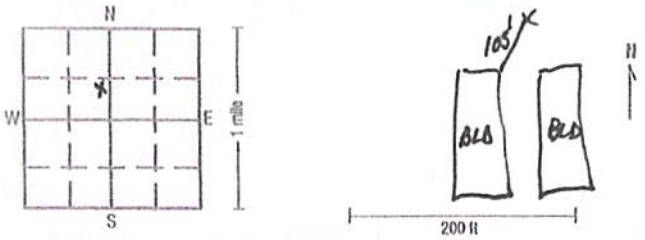
Property Owner Iowa Cage Free — Well Number 2143443
Address 580 Mearle Hay Rd Johnston IA 50131
Tenant SAME
Well Depth 185 ft — Date completed 8/4/09

Location

County WRIGHT

____ mi. N/S and 1/4 mi. E/W of intersection of HWY 17 and 200th
NE 1/4 of the SE 1/4 of the NW 1/4 of Sec 19 TWP 92 RNG 26 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	6	Brn		Sandy clay
6	57	Grey		" "
57	61	Mlt		Sand
61	77	Grey		clay
77	81	Brn		clay
81	87	HBrn	SFt	Sandstone
87	90	Brn		clay
90	93	Grey		" "
93	97	BRN	SFt	
97	100	BRN		Sandstone
100	116	BRN		Sandstone / Clay
116	185	BRN	SFt/Hard	limestone

use additional sheets as needed

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JAN 31 2013

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

lost circulation at 122 Ft

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 140 ft
5 7/8 inch from 140 ft to 185 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 (OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6"	THC Steel	+3	140	143
	.208 wall			

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no) Placement method TREMI

Type	Depth Top	Depth bottom	Amount (vol/wt)
Holeplug	128	140	1/ Bags
Benseal	0	128	9 Batches

270 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 _____
(pumped / airlifted / bailed) for 10 hrs at 100 GPM.

Pump installed? (yes / no) Date ____/____/____

Installer's name Mort's Water Co
Type of pump _____ Depth to intake _____ ft
Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone
Main water-supply zone from 140 ft to 185 ft ☐ seepage well
Static water level 9 ft (below / above) GL ☐ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 60 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 100 GPM; ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 1 : ____ (AM / PM) Date 8/4/09

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

Tested by _____

Contractor

Contractor Mort's Well Co
Address PO 127 Coulter IA 50431
Driller Adam Christiansen Certification no. 8382

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