WELL RECORD

68006 PWTS Permit No. 30750

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

PWTS Well No. 214894

County Permit No. _____

Site identification

Property Owner Christensen Farms Other ID _____

Address _____

Tenant finisher Site 16913 390th Leland

Well Depth 260 ft Date completed 7/10/09

Location

County Winnebago

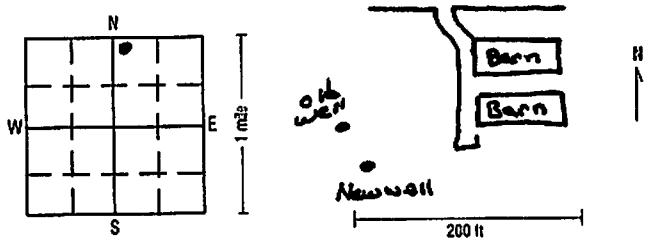
_____ mi. N/S and _____ mi. E/W of intersection of _____ and _____

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 18 TWP 98 RNG 24 E/W

GPS Coordinates (NAD83 datum only) decimal degrees:

43 . 3268699 N. Latitude -93 . 658317 W. Longitude.

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.



☐ upland ☑ hillside ☐ valley ☐ level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	27	Yellow		Clay
27	110	Grey		Shale
110	120	Grey		Sand
120	131	blue		Shale
131	148	Tan	Hard	limestone
148	210	blue	med	limestone/shale
210	260	brown	med	Sandstone

use additional sheets as needed

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

Well use

☐ Domestic ☑ Livestock ☐ Test well
☐ Heat pump ☐ Municipal ☐ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other _____

Drill method

☑ rotary ☐ auger ☐ cable other _____

Hole size

9¼ inch from 0 ft to 138 ft
_____ inch from _____ ft to _____ ft

hole size continued

5⅞ inch from 138 ft to 260 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"	PVC 200lb	+2	138	140
4½"	PVC 200 lb.	8	260	252

Perforated or slotted casing? (yes / no)

(Perforated) / slotted from 220 ft to 260 ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no) Placement method Dry Poured

Type	Depth top	Depth bottom	Amount (vol/wt)
⅜ ben	-6	138	1000 lb.

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 Airlifted

(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 220 ft to 260 ft ☐ seepage well

Static water level 20 ft (below / above) GL; ☐ tape ☑ airline ☐ E-line ☐ estimate

Pumping water level 180 ft below GL; ☐ tape ☑ airline ☐ E-line ☐ estimate

At yield of 35 GPM; ☐ orifice ☐ volumetric ☑ estimate for 2 hours

Measurements taken at 12:00 (AM / PM) Date 7/10/09

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

Tested by _____

Contractor Bill Beemer Well Co. Inc

Address 2365 Vasse Ave Duncombe IA

Driller Matt Estlund Certification no. 2379

Send original form to: Iowa Department of Natural Resources – Geological Survey

Make photocopies for: Well Contractor, Customer, and County Health Department