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WELL RECORD 73561

PWTS Permit No. 2011-0070W

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

PWTS Well No. _____

County Permit No. _____
PWSID# 5225210

Site identification

Property Owner Celebration Farms LLC Other ID _____

Address Solon, IA

Tenant _____

Well Depth 442 ft Date completed 4 / 25 / 11

Location

County Johnson

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

____ 1/4 of the ____ 1/4 of the NW 1/4 of Sec 18 TWP 80N RNG 6W E/W

GPS Coordinates (NAD83 datum only) decimal degrees:

_____ . _____ N. Latitude _____ . _____ 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	48	yel	soft	clay
48	125	gray	soft	clay
125	190	gray	hard	limestone
190	205	brown	creviced	limestone
205	442	white	hard	dolomite

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use additional sheets as needed

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

big crevice at 192' to 196'

Well use

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

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

15 inch	from 0 ft	to 210 ft	____ inch	from ____ ft	to ____ ft
7 7/8 inch	from 210 ft	to 442 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" ID	steel 28 SST	+1'	209'	210'

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)
bentonite	0	209'	40 bags
bentonite	bottom	15'	15 bags hole plug

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 airline

(pumped, airlifted, bailed) for 1 hrs at 300 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 _____ ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

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

At yield of _____ GPM; ☐ orifice ☐ volumetric ☐ estimate for _____ hours

Measurements taken at ____ : ____ (AM / PM) Date ____ / ____ / ____

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

Tested by _____

Contractor Latta Well & Pump

Address 1051 Taylor Ave, Wilton IA 52778

Driller Dan Haskins Certification no. 2907

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

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

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LATTA WELL & PUMP CORP

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Wilton, IA 52778
(563) 732-3721
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E-MAIL: lattawell@hotmail.com

Mark Latta
Kurt Hartman

PWSID# 5225210

Well Log for Celebration Farms

Well completed on April 25, 2011

442'-8" A53 STEEL well
Casing set 210'
Static water level 140'
Test pumped 300gpm @ 280'
Set pump 200'

0' - 48'	yellow clay
48' - 125'	gray clay
125' - 190'	gray to brown rock
190' - 205'	brown rock
205' - 442'	white to gray silurian

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