Rossman 67721

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

WELL RECORD

Permit No. 2009-285W

Site identification

WL18

Property Owner Osceola CRWS Well Number R-1R2

Address P.O. Box 37 May City Iowa 51349

Tenant

Well Depth 42' ft Date completed 9/8/09

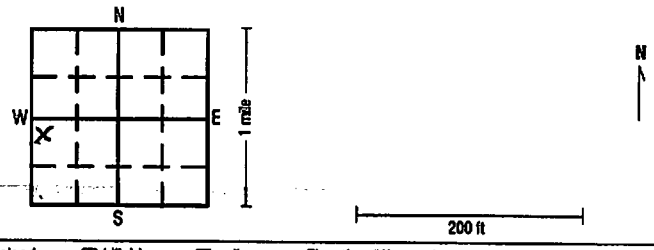
Location

County Osceola

1/4 mi. N/S and ___ mi. E/W of intersection of M18 and A48

SW 1/4 of the NW 1/4 of the NW 1/4 of Sec 22 TWP 98N RNG 39 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	15	Rusty		Gravel
15	25	Gray		Sand
25	31	"		Gravel
31	33			Finer Sand
33	42		Coarse	Gravel

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 Bucket-Fake Casing

Hole size

20 inch from 0 ft to 42 ft

___ inch from ___ ft to ___ 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)
12	Steel	+1	32	33

Perforated or slotted casing? (yes / no)

Perforated / slotted from ___ ft to ___ ft

Perforated / slotted from ___ ft to ___ ft

Casing grouted? (yes / no)

Placement method

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bentonite	5'	20	15'

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
12	0.020	32	42	10	SS
	0.___				

Bottom capped (yes / no) with SS Plate

Seals / Packers (yes / no) kind ___ depth ___ ft

Gravel packed (yes / no) from 27 ft to 42 ft

Muscatine type 1/4x1/8 amount 15'

Well developed? (yes / no)

Explain Submersible

(pumped, ~~airlifted, bailed~~) for 2 hrs at 500 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 5 ft to 42 ft ☐ seepage well

Static water level 5' ft (below / ~~above~~) GL; ☑ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 19'4" ft below GL; ☑ tape ☐ airline ☐ E-line ☐ estimate

At yield of 500 GPM; ☐ orifice ☐ volumetric ☐ estimate meter

Measurements taken at 4:00 (~~AM~~ / PM) Date 9/29/09

Water quality test? (yes / no)

Date tested 9/29/09

Tested by Osceola CRW

Contractor Lacey Well Drilling

Address 47582 240th St. Dell Rapids SD 57022

Driller James Lacey Certification no. 3580

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