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

WELL RECORD 73436

Permit No. 2004-182W
PWSID No: 8245357

Site identification

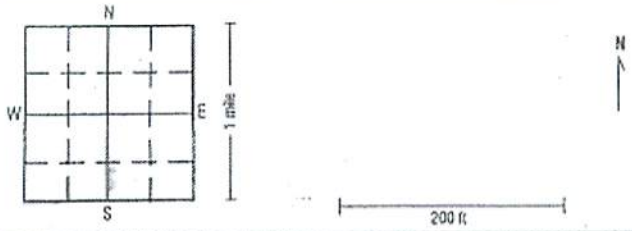
Property Owner Woods & Meodows Well Number ____
Address 28212 230th St Ct, LeClaire IA
Tenant 8th Addition
Well Depth 442 ft Date completed 6 / 21 / 04

Location

County Scott

____ mi. N/S and ____ mi. E/W of intersection of ____ and ____
____ 1/4 of the ____ 1/4 of the ____ 1/4 of Sec 23 TWP 79N RNG 5E (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	45	yel		clay
45	118	gray		clay
118	320	brown		rock DEVONIAN
320	435	white		rock SILURIAN
435	442	green		shale

use additional sheets as needed

RECEIVED
MAR 03 2011
By ____

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 ____

Hole size

12 1/4 inch from 0 ft to 170 ft
7 7/8 inch from 170 ft to 442 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"	steel	+1	169'	170'

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no) Placement method haliburton

Type	Depth Top	Depth bottom	Amount (vol/wt)
bentonite	0	170'	14 bags

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 24 hrs at 125 GPM.

Pump installed? (yes / no) Date 9 / 24 / 04

Installer's name Latta
Type of pump submersible Depth to intake 252 ft
Pump diameter 6" Rated capacity 100 GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone
Main water-supply zone from 320 ft to 442 ft ☐ seepage well
Static water level 140 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
Pumping water level 300 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 200 GPM; ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 2 : 00 (AM / PM) Date 6 / 21 / 04

Water quality test? (yes / no) Date tested 10 / 19 / 04

Tested by Keystone Labs

Contractor Latta Well & Pump
Address 1051 Taylor Ave, Wilton IA 52778
Driller K Latta Certification no. 3639

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