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

WELL RECORD 55862

Permit No. _____

Site identification

Property Owner City of Sigourney Well Number 6

Address _____

Tenant _____

Well Depth 230 ft Date completed 11 / 6 / 01

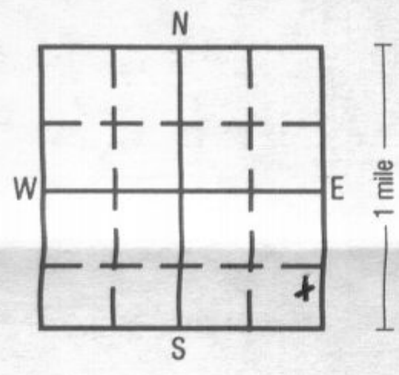
Location

County Keokuk

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

____ 1/4 of the SE 1/4 of the SE 1/4 of Sec 26 TWP 76N RNG 12 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	2			Top
2	17	Brn		Clay
17	31	Gray		Clay
31	42	Green		Clay
42	59	Blue		med to Coarse Sand
59	230	Blue	Hard	limestone

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 _____

Hole size

20 inch from 0 ft to 70 ft
10 inch from 70 ft to 230 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 Id	.315 Steel	+11	70	81'

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)
Neat Cement	2'	70'	

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 Jetted + acidized + blasted + surged
(pumped, airlifted, bailed) for 24 hrs at ~~87~~ 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 73 ft to 74 ft ☐ seepage well
Static water level 26 ft (below / above) GL; ☐ tape ☐ airline ☒ E-line ☐ estimate
Pumping water level 68 ft below GL; ☐ tape ☐ airline ☒ E-line ☐ estimate
At yield of ~~87~~ GPM; ☒ orifice ☐ volumetric ☐ estimate
Measurements taken at 3 : 30 (AM / PM) Date 4 / 2 / 02

Water quality test? (yes / no) Date tested 4 / 3 / 02

Tested by Keystone Lab

Contractor Grosch Irrigation

Address 13590 N STR 29 Mason City IL 62664
Driller Edward Greenfield Certification no. 40317

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

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