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

WELL RECORD L 56789

Permit No. _____

Site identification

Property Owner Lyon + SiouxRus Well Number 8

Address _____

~~Tenant~~ Mgr Reed Grafing

Well Depth 33 ft Date completed 11 / 13 / 02

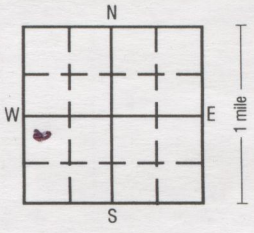
Location

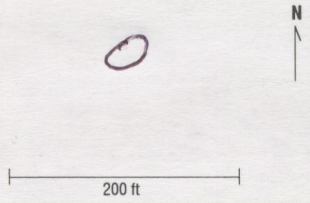
County Lyon

1/4 mi. (N) S and 1/4 mi. (E) W of intersection of A42 and K42

SW 1/4 of the NW 1/4 of the SW 1/4 of Sec 13 TWP 98-N RNG 46 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	Black		Topsoil
2	10	Grey		Clay
10	26	White		Gravel
26	33	White		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

Hole size

20 inch from 0 ft to 33 ft

____ inch from ____ ft to ____ 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	50lb/ft	+7	25	32

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)
Cement	2	21	19'

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
12	0.080	25	33	8	Stainless
	0.___				

Bottom capped (yes / no) with plate Stainless

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

Gravel packed (yes / no) from 21 ft to 33 ft

type 1/4 x 1/8 amount _____

Well developed? (yes / no)

Explain _____

(pumped, airlifted, bailed) for 24 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 10 ft to 33 ft ☐ seepage well

Static water level 10 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 25 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

At yield of 300 GPM; ☐ orifice ☒ volumetric ☐ estimate

Measurements taken at 4:27 (AM / PM) Date 11 / 15 / 02

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

Tested by Lyon + Sioux RWS

Contractor

Contractor Lacey Well Drilling, Inc

Address 47582 240th St Dell Rapids SD 57022

Driller Jason J Lacey Certification no. 40526

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