

Site identification

Property Owner River Valley Campground Other ID _____
Address _____
Tenant Andrew Yearous
Well Depth 450 ft Date completed 7 / 14 / 09

Location

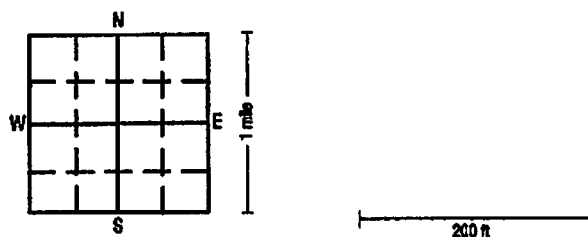
County Fayette

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
_____ 1/4 of the SE 1/4 of the NE 1/4 of Sec 25 TWP 93 RNG 7 ^E

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	51	multi		sand
51	90	grey	hard	shale
90	268	brown	hard	limerock
268	276	blue	hard	limerock
276	310	brown	hard	limerock
310	320	blue	hard	shale
320	345	grey	hard	limerock
345	355	blue	med	shale
355	401	grey	hard	limerock
401	405	blue	med	shale
405	450	white	med	sandstone
450	451	white	med	shale

use additional sheets as needed

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

Well use

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

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

12.25 inch from 0 ft to 52 ft hole size continued
10 inch from 52 ft to 408 ft
6.25 inch from 52 ft to 320 ft 6.25 inch from 408 ft to 450 ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Size (ID/OD)	Type / Wt	Drive shoe (yes/no)	Depth top	Depth bottom	Amount (length)
7 in	317 wall	yes	+3 ft	408 ft	411 ft

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 pipe

Type	Depth top	Depth bottom	Amount (vol/wt)
Neat cement	0 ft	408ft	92 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 _____
(pumped, airlifted, bailed) for 1/2 hrs at 80 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 408 ft to 450 ft ☐ seepage well
Static water level 100 ft (below/above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 220 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 60 GPM; ☐ orifice ☐ volumetric ☒ estimate for _____ hours
Measurements taken at 9 : 00 (AM/PM) Date 7 / 14 / 09

Water quality test? (yes/no)

Date tested _____ / _____ / _____
Tested by _____

Contractor

B & B Drilling
Address Edgewood, IA 52042
Driller Jim Bunting Certification no. 1726