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

WELL RECORD #36834 Permit No. _____

Site identification

Property Owner Frontier Well Number _____

Address _____

Tenant _____

Well Depth 400 ft Date Completed 2 / 26 / 95

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

1 1/4 inch from 0 ft to 109 ft

10 3/8 inch from 109 ft to 285 ft

hole size continued

5 7/8 inch from 285 ft to 400 ft

___ inch from ___ ft to ___ ft

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

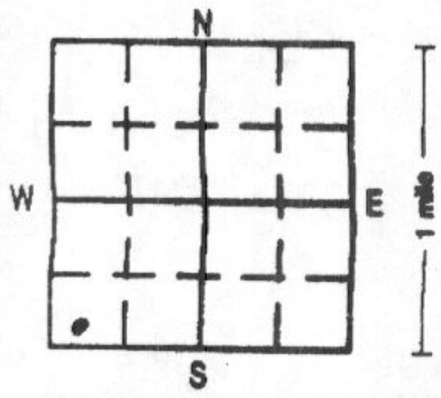
Location

County Benton

3/4 mi. N (S) and 1/4 mi. E (W) of intersection of I380 and 150

SW 1/4 of the SW 1/4 of the ___ 1/4 of Sec 22 TWP 86 RNG 9 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'	10'	Br	S	Sandy-clay
10'	20	Blue	M	Blue clay
20	105	B	M	Blue clay
105	110	Y	H	Yellow limestone
110	115	Y	H	Shale
115	180	Y	H	Limestone
180	285	G	H	Grey stone
285	350	G	H	Grey limestone
350	400	W		Lime stone

use additional sheets as needed

Casing

Drive shoe (yes / no) Pitless adaptor (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6" steel 6 5/8		+ 18"	285	285

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no)

Type	Depth Top	Depth Bottom	Amount
Cement	0	285	5 yrds

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material

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 Air

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 350 ft to 400 ft

Final water level (static water level) 65 ft (below / above) GL.

Pumping water level _____ ft below GL; ☐ tape ☐ airline ☐ E-line

At yield of 250+ GPM; ☐ orifice ☐ volumetric ☑ estimate Date _____

Water quality test? (yes / no)

Date tested ___ / ___ / ___

Tested by _____

Test results _____

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

Well use

☐ Domestic ☐ Municipal ☑ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)

Contractor Greiner Drilling

Address 8100 Wildwood Ln.

Driller Brad Greiner Certification no. 4022

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