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

WELL RECORD 50462

Permit No. 55-313

Site identification

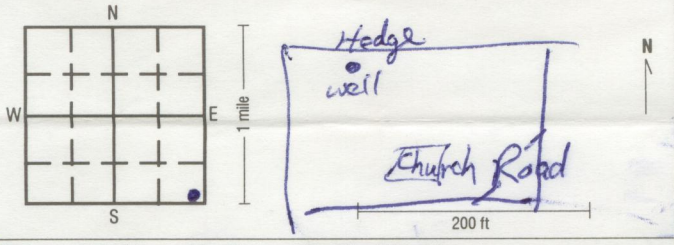
Property Owner Apostolic Christian Church Well Number ____
Address 1401 20th Ave
Tenant West Bend Ia 50597
Well Depth 96 ft Date completed 8 / 12 / 99

Location

County Kossuth

1 mi. (N) S and 0 mi. E (W) of intersection of P63 and P16
SE 1/4 of the SE 1/4 of the SE 1/4 of Sec 7 TWP 94 RNG 30 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	3	BlK	Soft	Dirt
3	31	yel	soft	Clay
31	43	Gray	Med	Clay
43	111	yel		Clay
111	126			fine Sand Clay
126	135	clear		Sand
0	3	BlK	Soft	Dirt
3	32	yel	Soft	Clay
32	42			fine Sand
42	87	white		white Limestone
87	90			fine Sand
90	96	yel		Sand

use additional sheets as needed

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

Well use

☐ Domestic ☐ Livestock ☐ Test well
☐ Municipal ☑ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other ____ (explain)

Drill method

☑ rotary ☐ auger ☐ cable other ____

Hole size

8 3/4 inch from 0 ft to 106 ft
6 1/4 inch from ____ ft to ____ ft

hole size continued
5 inch from ____ ft to ____ ft
____ 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)
6	Steel	+1	5	6
5	200 PVC	5	91	86

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)
Bentonite	0	52	52

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
5	0. 018	91	96	5	SS
	0. ___				

Bottom capped ((yes) / no) with Brass Plug
Seals / Packers (yes (no)) kind ____ depth ____ ft
Gravel packed ((yes) / no) from 52 ft to 96 ft
Pea Rock type Silica Sand amount 44#

Well developed? ((yes) / no)

Explain Jet w/ water Airlift til Clear
(pumped, (airlifted) bailed) for 2 hrs at 50 GPM.

Pump installed? (yes (no)) Date ____ / ____ / ____

Installer's name Not @ this time
Type of pump Subm Depth to intake 60 ft
Pump diameter 3 3/4 Rated capacity 48 GPM

Water information

Aquifer: ☑ sand / gravel ☐ limestone ☐ sandstone
Main water-supply zone from 91 ft to 96 ft ☐ seepage well
Static water level 17 ft (below / above) GL; ☑ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 45 ft below GL; ☐ tape ☐ airline ☐ E-line ☑ estimate
At yield of 50 GPM; ☐ orifice ☑ volumetric ☐ estimate
Measurements taken at 7:30 (AM (PM)) Date 8 12 99

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

Tested by Not @ this time

Contractor Elbert Bros Well
Address Whittemore
Driller Rick Elbert Certification no. 4013

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

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