

Site identification

Property Owner Daybreak Foods Well Number 98-8E
Address 4770 280th St Gracettinger Ia 51342
Tenant East 8" well @ Chicken Building site
Well Depth 380 ft Date completed 9/1/98

Drill method

☒ rotary ☐ auger ☐ cable ☐ other

Hole size

hole size continued
14 1/2 inch from 0 ft to 395 ft
inch from ft to ft

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

Casing

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
10	Steel	+1	+5	6
200 lb 8	PVC 200 lb	5	250	245
sch 80 8	PVC sch 80	250	350	100

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 (vol/wt)
Bentonite	0	60	

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
8"	0.018	350	380	30	SS
	0.---				

Bottom capped (yes/no) with SS Plate
Seals / Packers (yes/no) kind depth ft
Gravel packed (yes/no) from Pea Rock ft to 60-320 ft
type Silica Sand amount 320-380

Well developed? (yes/no)

Explain Jet w/ High Pressure Water-Airlift until
(pumped/airlifted/bailed) for 4 hrs at 380-480 GPM

Pump installed? (yes/no)

Installer's name Bill Elbert Date ____/____/____
Type of pump Subm Depth to intake 294 ft
Pump diameter 6" Rated capacity 400 GPM

Water information

Aquifer: ☐ sand / gravel ☐ limestone ☐ sandstone
Main water-supply zone from 350 ft to 380 ft ☐ seepage well
Static water level 171 ft (below/above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 285 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 400 GPM; ☐ orifice ☒ volumetric ☐ estimate
Measurements taken at 3:30 (AM/PM) Date 9/1/98

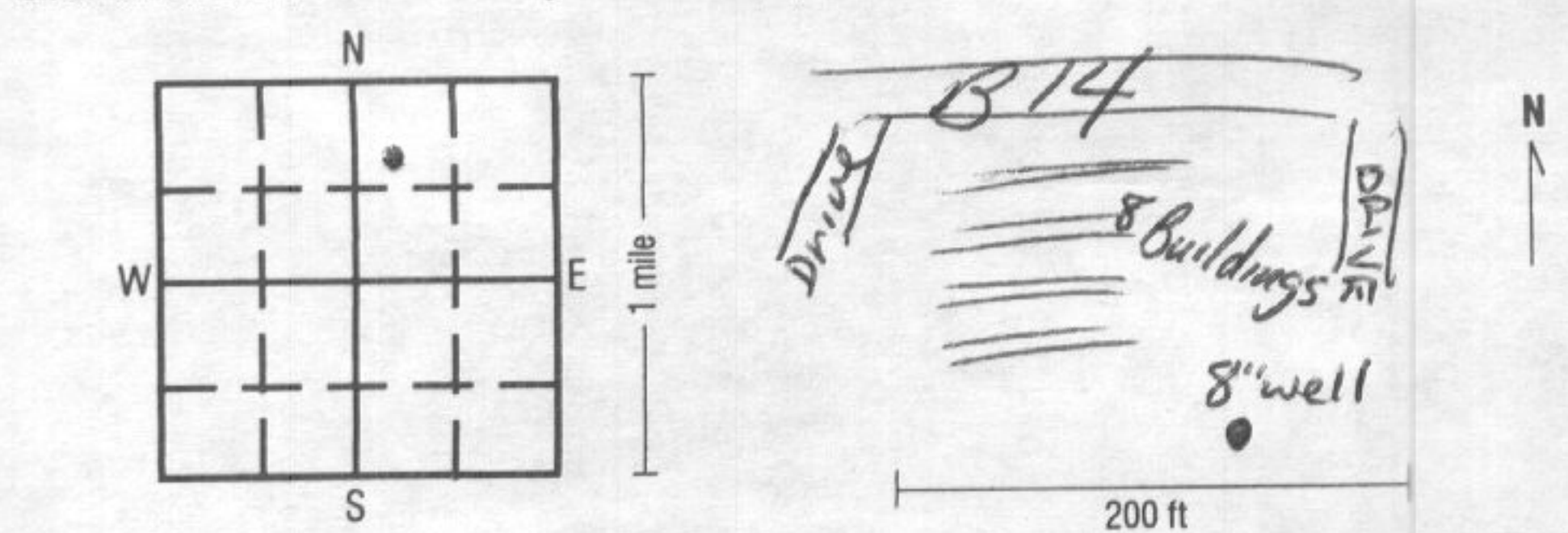
Water quality test? (yes/no)

Tested by Sanitarian Date tested ____/____/____

Contractor Elbert Bros Well Drilling
Address Whittemore Ia 50598
Driller Rick Elbert Certification no. 40131

Location

County Palo Alto
1/4 mi. N and 1 1/2 mi. W of intersection of N54 and B14
SW 1/4 of the SW 1/4 of the NE 1/4 of Sec 8 TWP 97 RNG 32
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	BIK	Soft	Dirt
2	17	lt yel	Soft	Clay
17	76	Blue	-	Clay
76	102	Gray	"	Sand-Clay
102	118	Gray	"	Clay
118	121	gray	"	Clay Sand
121	154	gray	"	Clay
154	160			Sand
160	254	yellow	"	Clay
254	280	clear gray		fine Sand-Clay
280	325	clean		fine Sand
325	334		Hard	Shale
334	395	clean		Sand

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

Took Several gallons of water from 340' - 390'

Well use

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