

**Site identification**  
 Property Owner Daybreak Foods Well Number 98-8w  
 Address 4770 880th St Gracettinger Ia 51342  
 Tenant West 8" well @ Chicken Buildingsite  
 Well Depth 360 ft Date completed 9/3/98

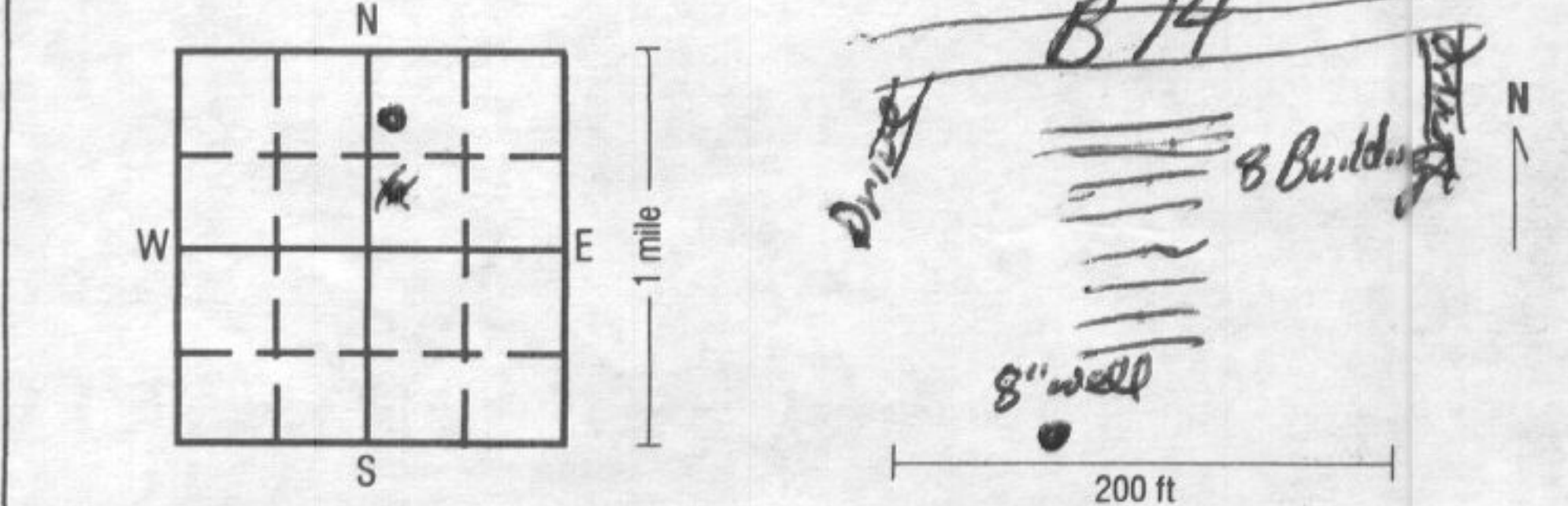
**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size** 14 1/2 inch from 0 ft to 375 ft hole size continued \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Location** County Palo Alto  
1/2 mi. N and 1/2 mi. E 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 E

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

**Casing** Drive shoe (yes/no)  Pitless adapter (yes/no)

Size (ID/DD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8 10	Steel	+1	5	6
8	PVC	5	250	245
8	PVC	250	330	80



**Perforated or slotted casing?** (yes/no)   
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

upland  hillside  valley Elevation (if known) \_\_\_\_\_

**Casing grouted?** (yes/no)  Placement method Tremie

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bentonite	0	55	

**Formation log**

From	To	Color	Hardness	Formation description
0	3	BIK	Soft	Dirt
3	10	lt yel	Soft	Clay
10	14	yel	" "	Clay
14	74	Blue	" "	Clay
74	105	Gray	" "	Sand & Clay
105	115	Gray	" "	Clay
115	125	yel clear	" "	Sand
125	170	Gray	" "	Clay
170	175			Sand
175	212	yellow	" "	Clay
212	220			fine Sand
220	242	yel	" "	Clay
242	261	Gray	" "	Clay & Sand
261	323			fine Sand
323	329	Gray	Hard	Shale
329	375	Clear		Sand - Clean

use additional sheets as needed

**Well screen?** (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
8" pipe size	0.048	330	360	30	S.S. #304

Bottom capped (yes/no)  with S.S. Plate  
 Seals / Packers (yes/no)  kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no)  from Pea Rock ft to 55 - 300 ft  
 type silice Sand amount 300 - 360

**Well developed?** (yes/no)   
 Explain Jet w/ High pressure water - Airlift until clear  
 (pumped, airlifted, bailed) for 2 hrs at 400+ GPM.

**Pump installed?** (yes/no)  Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Installer's name Bill Ellert  
 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 330 ft to 360 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 11:30 (AM/PM) Date 9/3/98

**Remarks** (including depth of lost drilling fluids, materials, or tools)  
Took several gallons of water from 329-370'

**Water quality test?** (yes/no)  Date tested \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Tested by Sanitarian

**Well use**  
 Domestic  Municipal  Commercial  
 Livestock  Public supply  Monitoring  
 Test well  Irrigation  Other \_\_\_\_\_ (explain)

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