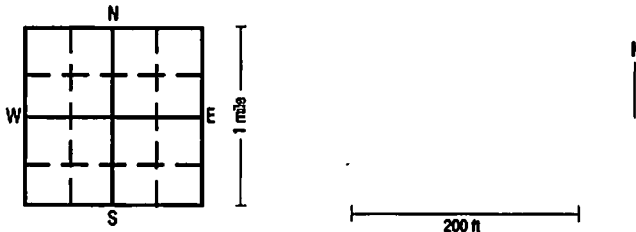


Site Identification
 Property Owner Mike & Kathy Brake Well Number _____
 Address Box 32 Dewar
 Tenant (Kathy's Korner Bar)
 Well Depth 216 ft Date completed 11 / 07 / 00

Location County Black Hawk
 _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
 _____ 1/4 of the NW 1/4 of the NW 1/4 of Sec 13 TWP 98 RNG 12 ^E
 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			Topsoil
3	31			Sand
31	76	Blue		Blue Clay
76	83			Sand
83	88	Blue		Blue Clay
88	98			Sand
98	174	Blue		Blue clay
174	176			Lime Rock & Shale
176	216			Lime rock

use additional sheets as needed

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

Well use

<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Commercial
<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Public supply	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test well	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Other _____ (explain)

Drill method rotary auger cable other _____
Hole size
 12 1/4 inch from 0 ft to 20 ft
 9 7/8 inch from 20 ft to 179 ft
 hole size continued
 6 1/2 inch from 179 ft to 216 ft

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

Casing Drive shoe (yes/no) Press adapter (yes/no)

Size (ID/OD)	Type / WT	Depth, top	Depth, bottom	Amount (length)
7"	Steel	+4	179	183

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)
NT Cements	0'	179	60 sacks
Hole Plug			2 sacks

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 50 GPM @ 120', 30 GPM @ 80'
 (pumped, airlifted, balled) for _____ hrs at _____ 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 _____ ft to _____ ft seepage well
 Static water level 15 ft (below / above) GL; tape airline E-line estimate
 Pumping water level 80 ft below GL; tape airline E-line estimate
 At yield of 30 GPM; orifice volumetric estimate
 Measurements taken at _____; _____ (AM / PM) Date ____/____/____

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

Contractor Shawver Well Company Inc.
 Address Fredericksburg, IA 50630
 Driller Randy Jones Certification no. 40309