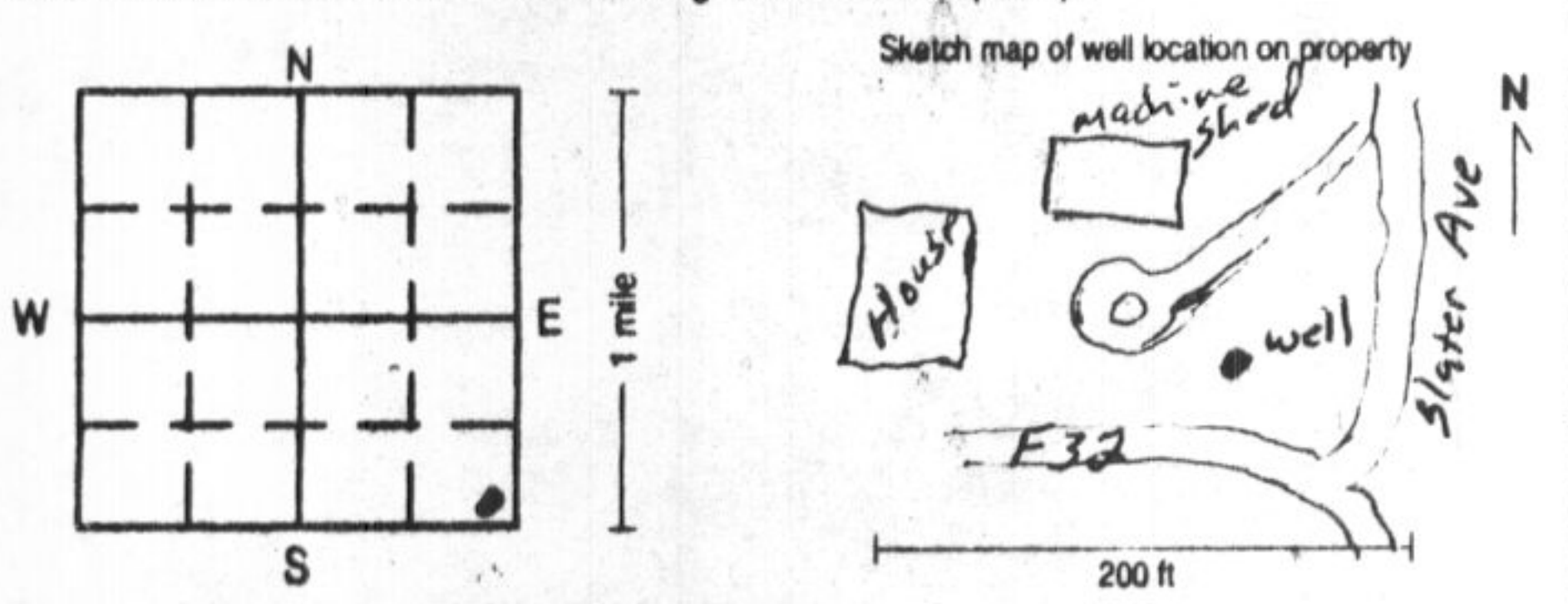


Site Identification
 Property Owner Dennis Stoer Well Number 1
 Address Slater Ave
 Tenant Woodbine, Iowa 51579
 Well Depth 234 ft Date Completed 05/23/00

Location County Harrison
0 mi. N and 2 1/2 mi. E of intersection of HWY 30 and F 32
SE 1/4 of the SE 1/4 of the SE 1/4 of Sec 18 TWP 80 N RNG 41 E
Douglas TWP



upland hillside valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	55	Brown	Soft	clay (loose hills)
55	80	Brown	Med	clay
80	99	Grey	Med	clay
99	107	grey	Med	clay (sandy)
107	134	grey	Med	clay
134	137	lt grey	Med	clay
137	210	lt Brown	Med	clay
210	218	lt Brown	Med	sandy clay
218	231	Brown	Hard	sand
231	234	pink yellow	Hard	shale

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

Well use

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

Drill method rotary auger cable other _____

Hole size
6 3/4 inch from 0 ft to 234 ft
 hole size continued _____ inch from _____ ft to _____ ft

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

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

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
4" ID	sch 40	7 1/2	221	221
4" ID	sch 40	231	234	2' 10" Blank

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
Bentonite + Fine sand	0	220	

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
4" ID	.014	221	231	10'	PVC - High 510

Bottom capped (yes/no) with _____
 Seals / Packers (yes/no) kind _____ depth _____ ft
 Gravel packed (yes/no) from 220 ft to 234 ft
 type 1/4 down amount _____

Well developed? (yes/no)
 Explain Bailed (HTH disinfected)

Pump installed? (yes/no) Date 1/1/00
 Installer's name Moore's Plumbing Woodbine
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ Rated capacity _____ GPM

Water information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 218 ft to 231 ft 27 1/2' of water
 Final water level (static water level) 207 ft (below/above) GL
 Pumping water level 207 ft below GL; tape airline E-line
 At yield of 10 GPM; orifice volumetric estimate Date 5-23-00

Water quality test? (yes/no) Date tested 1/1/00
 Tested by _____
 Test results _____

Contractor Jacobs Well Drilling Inc.
 Address 1905 Lincoln Ave Harkon IA 51537
 Driller Dave - Mike - Shawn Certification no. 40529