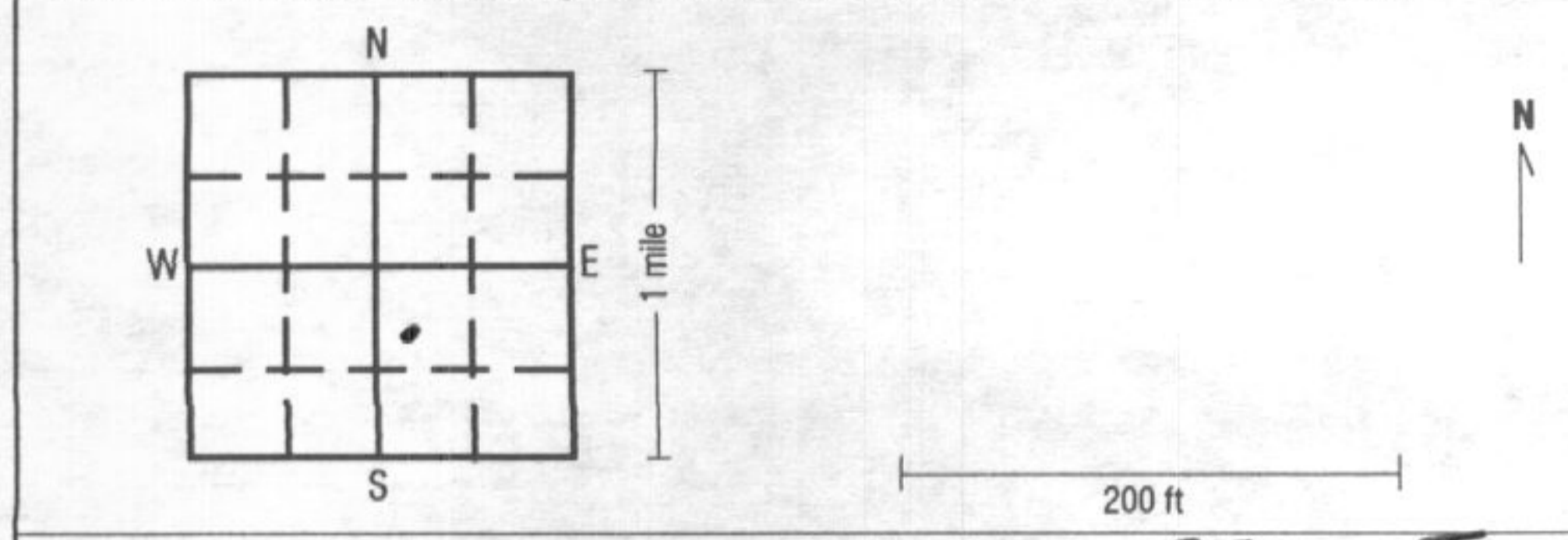


**Site identification**  
 Property Owner Hidden Acres Golf Well Number 2  
 Address 4 Hidden Acres Drive, Sioux city IA  
 Tenant \_\_\_\_\_  
 Well Depth 404 ft Date completed 10 / 16 / 00

**Location** County Plymouth  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
SW 1/4 of the NW 1/4 of the SE 1/4 of Sec 27 TWP 90 RNG 47 E



upland  hillside  valley Elevation (if known) 1252 T

**Formation log**

From	To	Color	Hardness	Formation description
0	36	Reddish BRN	Soft	SILT, sandy
36	67	Yellow BRN	Soft	SILT, clayey
67	97	DK GR BRN	med-HARD	CLAYSTONE, SILTY
97	185	GRAY	HARD	SILTSTONE, CONcretionary
185	280	LT GR white	med-Soft	SANDSTONE, SILTY
280	283	LT GR med GR	Med	CLAYSTONE, SILTY
283	404	White	med-Soft	SANDSTONE, med to fine

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

**Well use**

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

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size**  
13 inch from 0 ft to 304 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 (OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8"	PVC-5ch-80	6	304	298

**Perforated or slotted casing?** (yes/no) Factory - .040  
 Perforated  slotted from 304 ft to 404 ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

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

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bent 6RT	<del>280</del> 50	280	700gal

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

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	0.---				
	0.---				

Bottom capped (yes/no)  with PVC CAP  
 Seals / Packers (yes/no)  kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no)  from 404 ft to 280 ft  
 type Hyman W.P. amount 600gal

**Well developed?** (yes/no)   
 Explain \_\_\_\_\_  
 (pumped, airlifted, bailed) for 15 hrs at 330 GPM.

**Pump installed?** (yes/no)  Date 10 / 17 / 00  
 Installer's name R. H. Hammond  
 Type of pump Sub-meris Depth to intake 277 ft  
 Pump diameter 6" Rated capacity 300 GPM

**Water information** Aquifer:  sand / gravel  limestone  sandstone  
 Main water-supply zone from 283 ft to 404 ft  seepage well  
 Static water level 138 ft (below / above) GL;  tape  airline  E-line  estimate  
 Pumping water level 149 ft below GL;  tape  airline  E-line  estimate  
 At yield of 330 GPM;  orifice  volumetric  estimate  
 Measurements taken at 10 :30 (AM/ PM) Date 10 / 18 / 00

**Water quality test?** (yes/no)  Date tested \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Tested by owner at later date

Contractor Hammond-Wetmore Drilling  
 Address 27 N. Yale St. Vermillion SD 57069  
 Driller R. H. Hammond Certification no. 40551