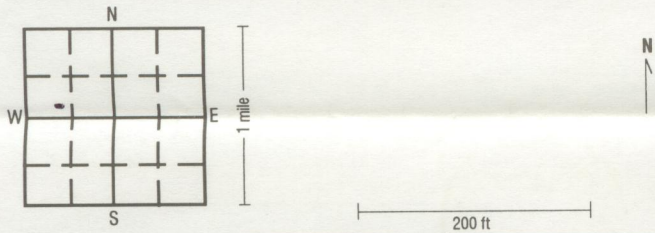


Site identification
 Property Owner Rural Water System #1 Well Number S-8
 Address 4438 380th St Hesperia, IA 51238
 Tenant P.O. Don 99
 Well Depth 275 ft Date completed / /

Location County Sioux
1/2 mi. ^(N) and 3/4 mi. ^(W) of intersection of B46 and Hwy 75
1/4 of the SW 1/4 of the NW 1/4 of Sec 17 TWP 95 RNG 45 ^(E)
 Show exact location of well in section grid with a dot (●). Sketch map of well location on property. ^(W)



upland hillside valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	4			Black Top Soil
4	25			Brown Clay
25	35			Med Coarse Sand
35	40			Grey Clay
40	45			White Clay
45	46			Rock
46	80			Clay w/ Rocks
80	170			Clay
170	180			Blue Clay w/ Gravel
180	200			Fine-Med Sand
200	210			Sand
210	220			Coarse Sand
220	245			Coarse sand w/ Gravel
245	247			Hard Ledge
247	275			Coarse sand w/ Gravel

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 Reverse
Hole size
24 inch from 0 ft to 275 ft hole size continued
 _____ inch from _____ ft to _____ 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 (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
12	49.56	+1.5	250	251.5

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)
Neat Cement	7	202	17 yd ³

Well screen? (yes/no) _____

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
12"	0.---	250	275	25	S.S.
	0.---				

Bottom capped (yes/no) with Stainless Steel Plate
 Seals / Packers (yes/no) kind _____ depth _____ ft
 Gravel packed (yes/no) from 202 ft to 275 ft
 type #1 NGC amount 6.5 yd³

Well developed? (yes/no)
 Explain Surge + bail
 (pumped, airlifted, bailed) for _____ hrs at _____ GPM.

Pump installed? (yes/no) Date 9 / 1 / 00
 Installer's name Kevin Anderson
 Type of pump Submersible Turbine Depth to intake 253 ft
 Pump diameter 8 RJHC-4 Rated capacity 600 GPM

Water information Aquifer: sand / gravel limestone sandstone
 Main water-supply zone from 202 ft to 275 ft seepage well
 Static water level 202 ft (below / above) GL; tape airline E-line estimate
 Pumping water level 236 ft below GL; tape airline E-line estimate
 At yield of 600 GPM; orifice volumetric estimate
 Measurements taken at _____: _____ (AM / PM) Date 7 / 25 / 00

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

Contractor Layne-Western
 Address 1621 NE 51st Ave Des Moines, IA 50313
 Driller T. Correll Certification no. 40538