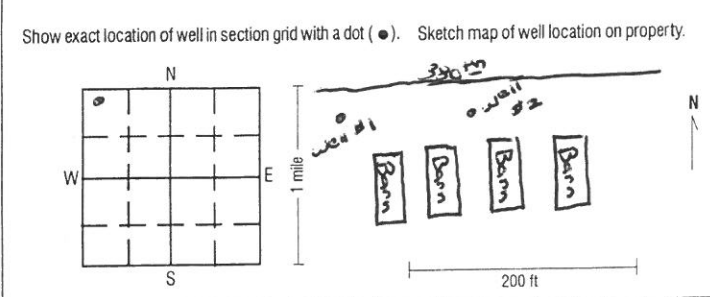


Site identification
 Property Owner Travis Sontgen Other ID _____
 Address 1306 380th St.
 Tenant Stratford Ia. 50249
 Well Depth 280 ft Date completed 10 / 11 / 16

Location County Hamilton
 _____ mi. N and _____ mi. E of intersection of _____ and _____
NW 1/4 of the NW 1/4 of the NW 1/4 of Sec 29 TWP 86 RNG 26 E
 GPS Coordinates (NAD83 datum only) decimal degrees:
42 23880 N. Latitude -93 91257 W. Longitude.



upland hillside valley level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	3	black		Top Soil
3	19	Yellow		Clay
19	210	grey		Shale
210	260	brown		Shale
260	280	grey		Sand

use additional sheets as needed

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

Well use

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

Drill method rotary auger cable other _____
Hole size
9/4 inch from 0 ft to 280 ft hole size continued _____ inch from _____ ft to _____ ft
 _____ 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 (OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6"	Pic 200lb	+2	190	192'
6.9"	Pic 250lb	190	270	80'

Perforated or slotted casing? (yes no)
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes no) Placement method Dry packed

Type	Depth top	Depth bottom	Amount (vol/wt)
3/8 ben	0	250	1750 lb.

Well screen? (yes no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
5"	0.20	270	280	10	SS.
	0._____				

Bottom capped (yes no) with SS. plate
 Seals / Packers (yes no) kind _____ depth _____ ft
 Gravel packed (yes no) from 250 ft to 280 ft
 type Red flint #40 amount 1500 lb.

Well developed? (yes no)
 Explain Air lifted
 (pumped, air lifted, bailed) for 2 hrs at 20 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 270 ft to 280 ft seepage well
 Static water level 200 ft (below / above) GL; tape airline E-line estimate
 Pumping water level 260 ft below GL; tape airline E-line estimate
 At yield of 20 GPM; orifice volumetric estimate for 2 hours
 Measurements taken at 3:00 (AM/PM) Date 10 / 11 / 16

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

Contractor Bill Beemer Well Co. Inc
 Address 2365 Vasse Ave Duncombe IA
 Driller Matt Estlund Certification no. 2319