

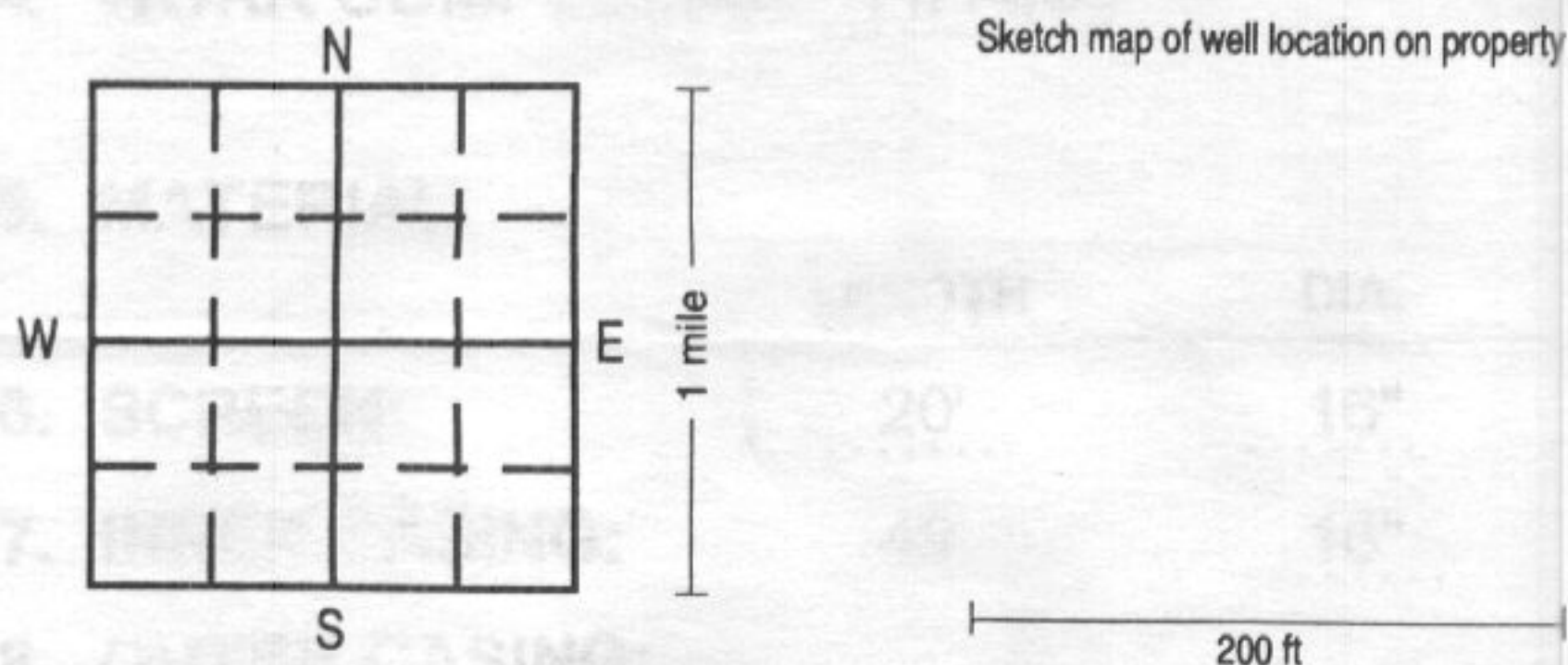
Site identification

Property Owner CITY OF SPENCER Well Number 10  
Address 712 N. GRAND AVE, P.O. Box 222  
SPENCER, IA 51301  
Tenant SPENCER MUNICIPAL UTILITIES  
Well Depth 66 ft Date Completed 11 / 13 / 96

Location

County CLAY  
1/5 mi. N and 1/10 mi. E of intersection of M44 and Gravel  
1/4 of the 1/4 of the NE 1/4 of Sec 3 TWP 96 RNG 37 E  
W

Show exact location of well in section grid with a dot (•).



☐ upland ☐ hillside ☒ valley Elevation (if known) \_\_\_\_\_

Formation log

From	To	Color	Hardness	Formation description
0	1	Black		Top Soil
1	3	Brown		Brown sand
3	7	Brown		Sand
7	29	Brown		Coarse gravel/sand
29	40	Gray		Sand
40	66	"		Coarse gravel/sand/cobbles
66	67	"		Gray clay

Drill method

☒ rotary ☐ auger ☐ cable other \_\_\_\_\_

Hole size

36 inch from 0 ft to 66 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 adaptor (yes ☒ no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
16"	0.375" wall	0'	46'	46'

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
Neat Cement	0	25'	5 yds.

Well screen? (yes / ☒ no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
16"	0.100"	46'	66'	20'	SST.

Bottom capped (yes / ☒ no) with SST. Plate  
Seals / Packers (yes / ☒ no) kind Bentonite depth 25-30 ft  
Gravel packed (yes / ☒ no) from 30 ft to 66 ft  
type Lyman-Richey amount 14 TONS

Well developed? (yes / ☒ no)

Explain Surge block, bailer, pump  
rawhiding

Pump installed? (yes / ☒ no)

Date 02 / 13 / 97

Installer's name JOE Dooling  
Type of pump Vertical Turbine Depth to intake 64 ft  
Pump diameter 12" Rated capacity 790 GPM

Water information

Aquifer: ☒ sand/gravel ☐ limestone ☐ sandstone

Main water-supply zone from 46 ft to 66 ft

Final water level (static water level) 12.6 ft (☒ below / ☐ above) GL.

Pumping water level 18.3 ft below GL; ☐ tape ☐ airline ☒ E-line

At yield of 704 GPM; ☒ orifice ☐ volumetric ☐ estimate Date 11/14/96

Water quality test? (yes / ☒ no)

Date tested \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Tested by Spencer Municipal Utilities

Test results \_\_\_\_\_

Well use

- ☐ Domestic ☒ Municipal ☐ Industrial  
☐ Livestock ☐ Public Supply ☐ Monitoring  
☐ Test Well ☐ Irrigation ☐ Other \_\_\_\_\_

(explain)

Contractor Layne - Western  
Address 912 South 14th Ave, Marshalltown, IA 50158  
Driller Dave Deaver Certification no. 40259