

Site identification

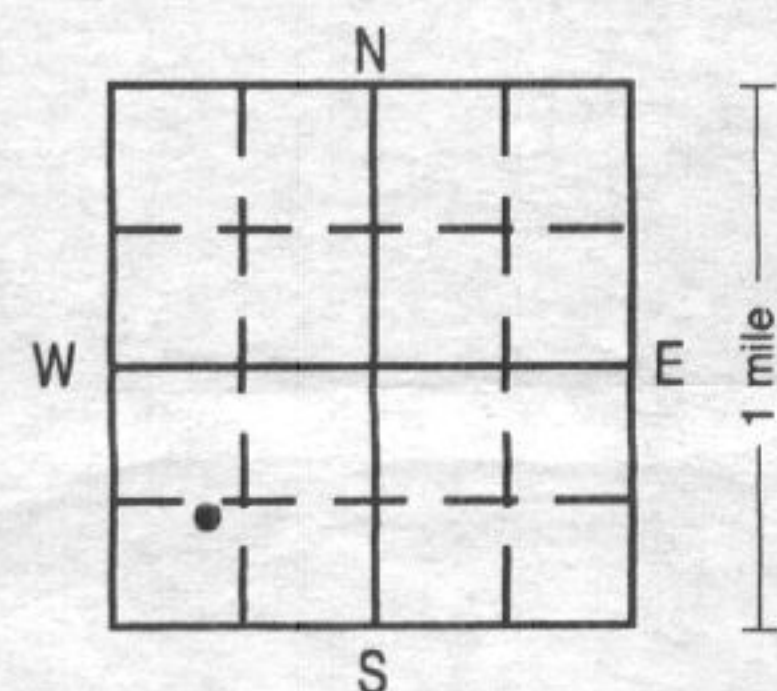
Property Owner City of Manning Well Number _____
Address 717 3rd St. Manning, IA 51455-1008
Tenant _____
Well Depth 46 ft Date Completed 4 / 29 / 98

Location

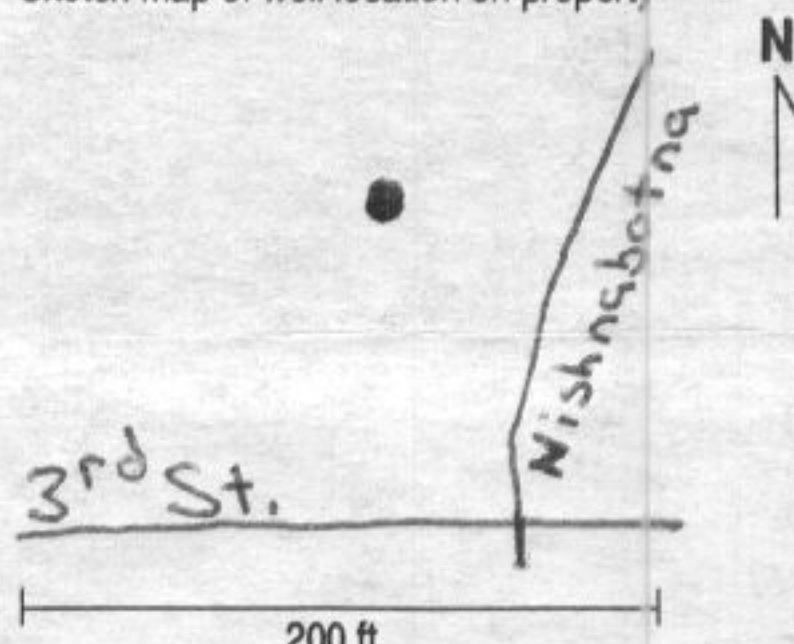
County Carroll

.25 mi. ^(N)_S and .20 mi. ^(E)_W of intersection of M66 and Hwy 141
SW 1/4 of the SW 1/4 of the SW 1/4 of Sec 17 TWP 82 RNG 36 ^(E)_(W)

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



Sketch map of well location on property



☐ upland ☐ hillside ☐ valley

Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	1			Topsoil
1	2			Sand + Gravel
2	3	Blk.		Clay
3	26	Blu-gr		Clay
26	45	ylw.		Sand, gravel, w/sm. rocks
45	46	Gr.		Clay w/ rocks

use additional sheets as needed

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

Well use

☐ Domestic
☐ Livestock
☐ Test Well

☒ Municipal
☐ Public Supply
☐ Irrigation

☐ Industrial
☐ Monitoring
☐ Other _____

(explain)

Drill method

☐ rotary ☐ auger ☐ cable other reverse circ.

Hole size

32 inch from 0 ft to 46 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)
<u>16"</u>	<u>62.58</u>	<u>+16'</u>	<u>36'</u>	<u>52'</u>

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
<u>Neat Cement</u>	<u>0</u>	<u>25'</u>	<u>4 yds.</u>

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
<u>16"</u>	<u>.090</u>	<u>36'</u>	<u>46'</u>	<u>10'</u>	<u>SST</u>

Bottom capped (yes / no) with SST Plate
Seals / Packers (yes / no) kind _____ depth _____ ft
Gravel packed (yes / no) from 28 ft to 46 ft
type LM "AA" amount 3 yds.

Well developed? (yes / no)

Explain Surge + bailed, Step Tested

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 36 ft to 46 ft

Final water level (static water level) 6 ft (below / above) GL.

Pumping water level 26 ft below GL; ☐ tape ☐ airline ☒ E-line

At yield of 190 GPM; ☒ orifice ☐ volumetric ☐ estimate Date _____

Water quality test? (yes / no)

Date tested 3 / 5 / 97

Tested by IA Hygienic Lab (Taken from test well)

Test results _____

Contractor Layne-Western

Address 25450 Hwy 275

Driller McCracken Certification no. 40285