

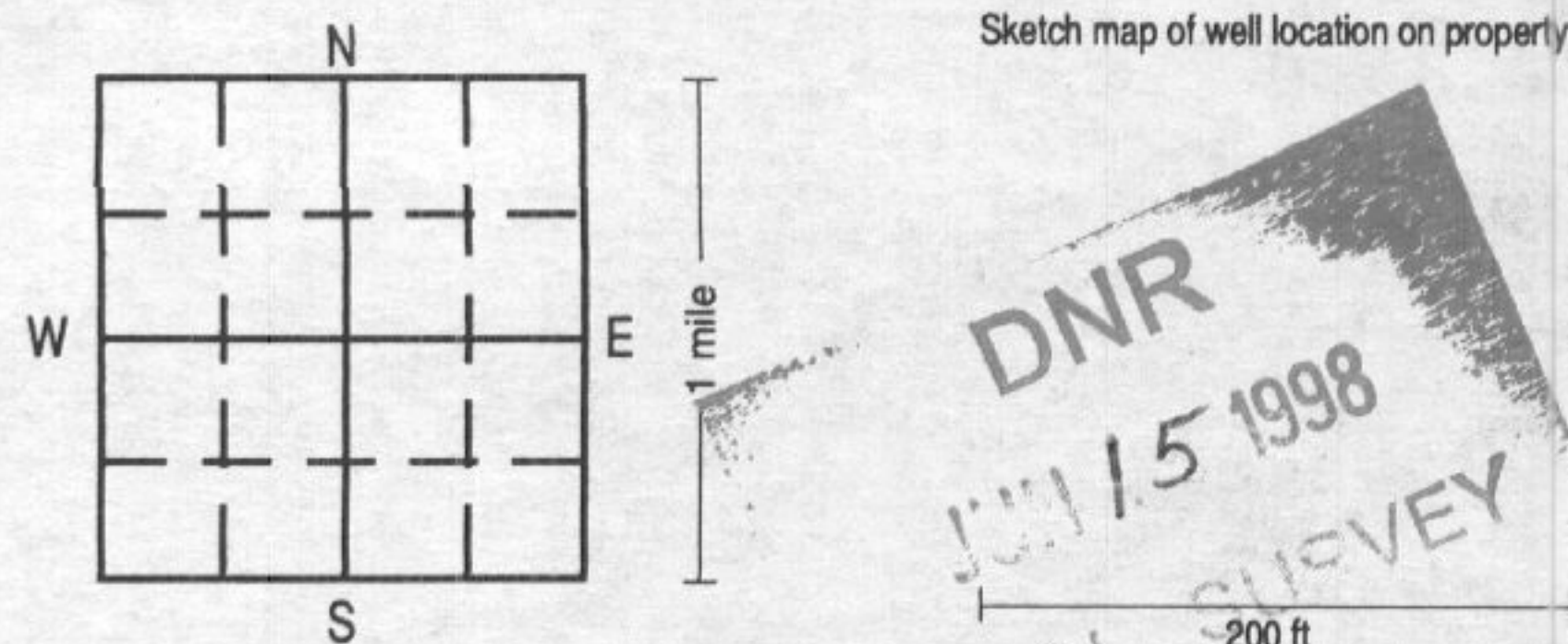
Site identification

Property Owner CITY OF DALLAS CENTER Well Number 9
Address 1502 WALNUT STREET, DALLAS CENTER, IA
Tenant _____
Well Depth 49 ft Date Completed 11 / 26 / 97

Location

County DALLAS
3/4 mi. N and 1/2 mi. E of intersection of HWY 44 and HWY 169
_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ 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		TOPSOIL
1	5	BROWN		SANDY CLAY
5	24	GRAY		GRAVEL W/COBBLES
24	33	GRAY		SAND + GRAVEL
33	37	GRAY		GRAVEL + COBBLES
37	40	GRAY		SAND + FINE GRAVEL
40	49	GRAY	HARD	SHALE/SAND + GRAVEL
49	50	BLUE GRAY		SANDY CLAY

use additional sheets as needed

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

Well use

- ☐ Domestic ☒ Municipal ☐ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

32 inch from 0 ft to 50 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

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
10.75"	0.365"	2.3'	41'	37.7'

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
CEMENT	3'	15'	5 cyd.

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
10"	0.100"	41'	49'	8'	SST.

Bottom capped (yes/no) with SST. PLATE
Seals / Packers (yes/no) kind BENTONITE depth 15-20 ft
Gravel packed (yes/no) from 3 ft to 15 ft
type NORTHERN #3 amount 10 TONS

Well developed? (yes/no)

Explain SURGE BLOCK + BAILER, SURGE PUMPING

Pump installed? (yes/no)

Date 01 / 12 / 98

Installer's name ROGER FONTINEL
Type of pump SUBMERSIBLE Depth to intake 48 ft
Pump diameter 6" Rated capacity 210 GPM

Water information

Aquifer: ☒ sand/gravel ☐ limestone ☐ sandstone

Main water-supply zone from 8 ft to 49 ft
Final water level (static water level) 20 ft (below/above) GL. TOP OF CASING
Pumping water level 27 ft below GL; ☐ tape ☒ airline ☐ E-line
At yield of 210 GPM; ☒ orifice ☐ volumetric ☐ estimate Date 12/2/97

Water quality test? (yes/no)

Date tested _____ / _____ / _____

Tested by CITY OF DALLAS CENTER
Test results _____

Contractor LAYNE - WESTERN
Address 912 S. 14th AVE, MARSHALLTOWN, IA 50158
Driller GARY McCracken Certification no. 40285