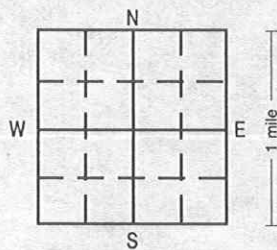


Site identification

Property Owner CITY OF NEVADA Well Number 7
Address SOUTH OF EXISTING WELL #6
Tenant CITY OF NEVADA
Well Depth 89 ft Date Completed 03/23/98

Location

County STORY
1 mi. ^N and 1/4 mi. ^E of intersection of I-35 and HWY 30
1/4 of the 1/4 of the 1/4 of Sec TWP RNG E
using legal desc. from Nevada
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	6	Brn.		Clay
6	23	Gray		Coarse Sand/Gravel
23	37	Gray		Gravel + Cobbles
37	89	Gray		Sand/Cobbles
89	89.5	Tan		Limestone

Drill method

☒ rotary ☐ auger ☐ cable other

Hole size

48 inch from 0 ft to 89.5 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) no Pitless adaptor (yes/no) yes

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
16"	0.375"	2'	54'	52'

Perforated or slotted casing? (yes/no) no

Perforated / slotted from ft to ft

Perforated / slotted from ft to ft

Casing grouted? (yes/no) yes

Type	Depth Top	Depth Bottom	Amount
CEMENT GROUT	4'	23'	12 cyl.

Well screen? (yes/no) yes

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
16"	0.070"	54'	89'	35'	SST.

Bottom capped (yes/no) yes with SST. PLATE
Seals / Packers (yes/no) yes kind BENTONITE depth 23'-25' ft
Gravel packed (yes/no) yes from 25 ft to 89 ft
type NORTHERN #2 amount 44 TONS

Well developed? (yes/no) yes

Explain SURGE + BAIL, SURGE PUMPING

Pump installed? (yes/no) yes

Date 04/27/98

Installer's name ROGER FONTINEL
Type of pump SUBMERSIBLE Depth to intake 50 ft
Pump diameter 10" Rated capacity 600 GPM

Water information

Aquifer: ☒ sand/gravel ☐ limestone ☐ sandstone

Main water-supply zone from 6 ft to 89 ft

Final water level (static water level) 6.3 ft (below/above) GL.

Pumping water level 13.6 ft below GL; ☒ tape ☐ airline ☐ E-line

At yield of 830 GPM; ☒ orifice ☐ volumetric ☐ estimate Date 3/14/98

Water quality test? (yes/no) yes

Date tested 03/14/98

Tested by IOWA HYGIENIC LABORATORY

Test results

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

Well use

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

Contractor LAYNE-WESTERN

Address 912 S. 14th AVE., MARSHALLTOWN, IA

Driller Certification no.