

Site identification

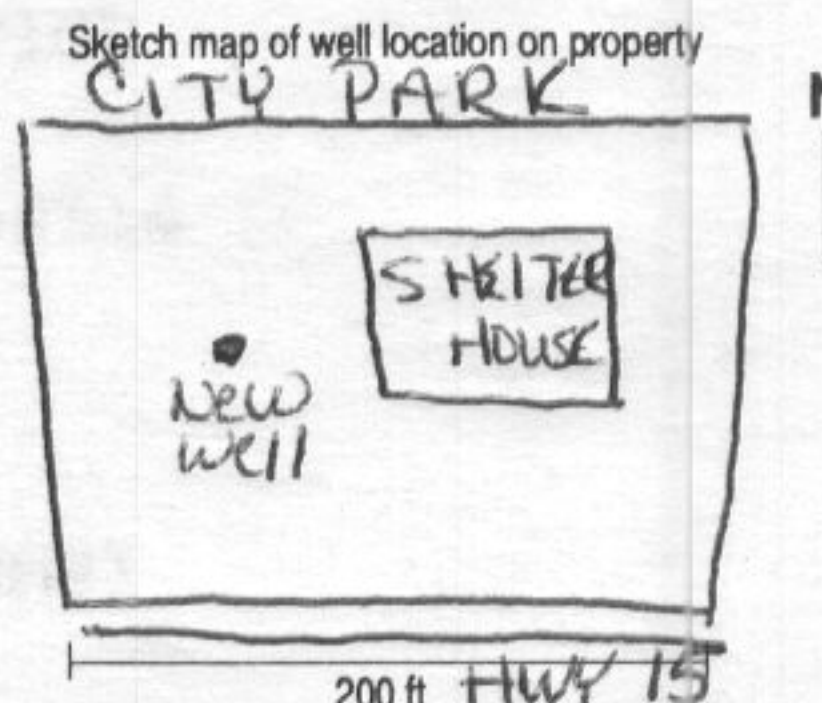
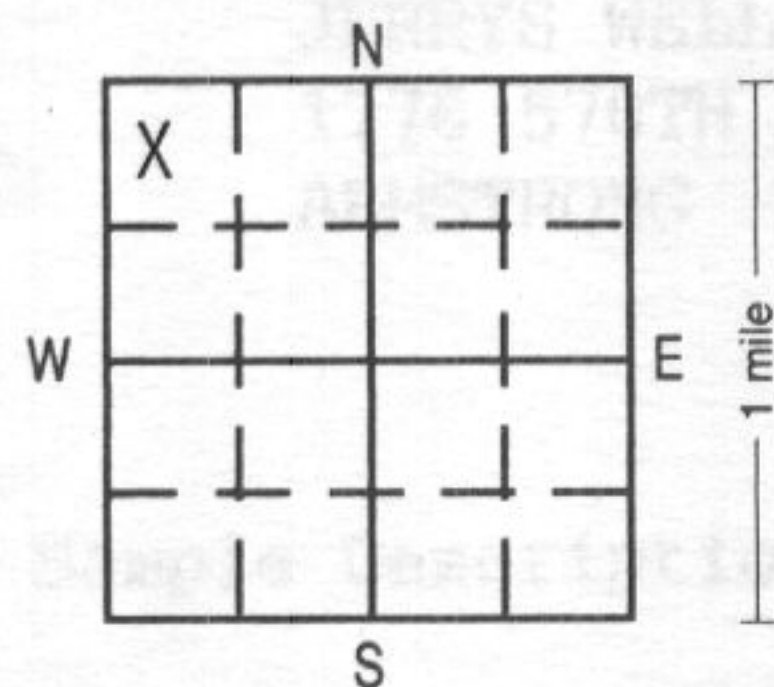
Property Owner ARMSTRONG CITY Well Number _____
Address 507 6TH CITY HALL ARMSTRONG IA
Tenant _____
Well Depth 136 ft Date Completed 07 / 22 / 95

Location

County EMMET

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
SE 1/4 of the NW 1/4 of the NW 1/4 of Sec 14 TWP 99 RNG 31 ^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	5	BLK	SOFT	DIRT
5	15	BRN	SOFT	CLAY & SAND
15	20	YEL	MED	CLAY
20	25	BLK	MED	CLAY
25	30	BLK	MED	CLAY & SAND
30	110	BLU	MED	CLAY
110	136	GRAY	MED	SAND & GRAVEL

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

12 1/4 inch from 0 ft to 136 ft
_____ inch from _____ ft to _____ 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)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8" PVC	200#	0	116	116

Perforated or slotted casing? (yes/no) (no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes) (no)

Type	Depth Top	Depth Bottom	Amount
BENTONITE &	0	108	29 BAGS

DRILL CUTTINGS

Well screen? (yes) (no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
8"	40	116	121	5'	SS
8"	20	121	136	15'	SS

Bottom capped (yes) (no) with SS PLATE ON BOTTOM
Seals / Packers (yes/no) kind _____ depth _____ ft
Gravel packed (yes) (no) from 108 ft to 136 ft
type PEA ROCK amount 1000 #

Well developed? (yes) (no)

Explain WATER JET SCREEN & AIR LIFT

Pump installed? (yes) (no)

Date 07 / 26 / 95

Installer's name JERRY'S WELL SERVICE

Type of pump GRUNDFOS Depth to intake 110 ft

Pump diameter 6" Rated capacity 225 GPM

Water information

Aquifer: ☒ sand/gravel ☐ limestone ☐ sandstone

Main water-supply zone from 116 ft to 136 ft

Final water level (static water level) 93 ft (below) (above) GL.

Pumping water level 97 ft below GL; ☐ tape ☒ airline ☐ E-line

At yield of 300 GPM; ☐ orifice ☒ volumetric ☒ estimate Date 7-23-95

Water quality test? (yes) (no)

Date tested 08 / 01 / 95

Tested by SCOTT QUASTAD JWS

Test results SEE ATTACHED

Contractor JERRY'S WELL SERVICE INC.

Address 1776 570TH AVE ARMSTRONG IA 50514

Driller BOB CHRISTENSEN Certification no. 40144