

WELL RECORD

Site Identification

Property Owner H. Dodge ASPHALT Well Number 0113
Address 2516 - 7TH AVE S, Fort Dodge
Tenant _____
Well Depth 410 ft. Date Completed 4 / 15 / 94

Well Use

- Domestic
- Livestock
- Test Well
- Municipal
- Public Supply
- Irrigation
- Industrial
- Monitoring
- Other _____

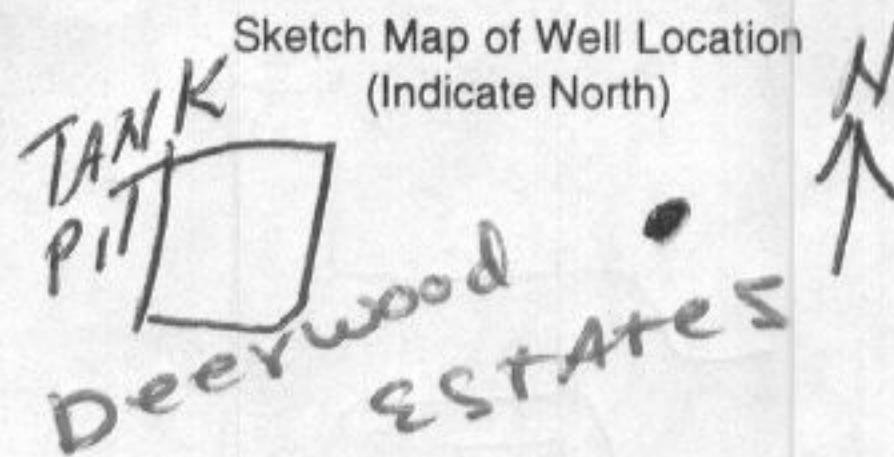
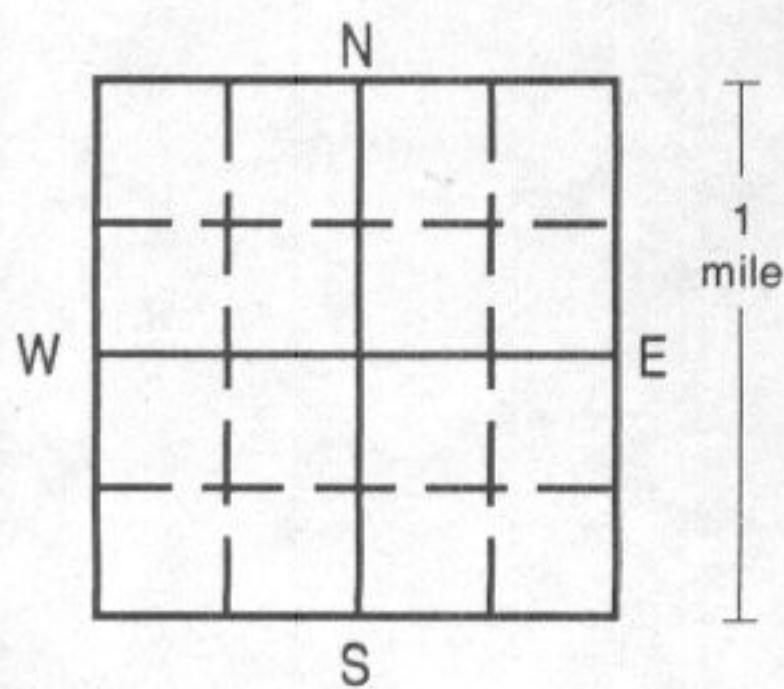
Measuring Point (MP)

All depth measurements are made from:
 Ground Level KB/other _____ ft. (above/below) ground level

Location

County WEBSTER
Well is _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
_____ 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 (•).



Hole Size

8 3/4 inch from 0 ft. to 340 ft. continued _____ inch from _____ ft. to _____ ft.
5 3/4 inch from 340 ft. to 410 ft. _____ inch from _____ ft. to _____ ft.

Casing

Size	Type / Wt.	Depth Top	Depth Bottom	Amount (length)
6"	PVC 250	5'	340	335 ft
4 1/2"	PVC 160	335	395	60 ft

Perforated or Slotted Casing? (yes/no)

Perforated / Slotted from _____ ft. to _____ ft.
Perforated / Slotted from _____ ft. to _____ ft.

Casing Grouted? (yes/no)

Neat Cement Bentonite other _____
from 0 ft. to 340 ft.
from _____ ft. to _____ ft.

Well Screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Amount	Type / Mfg.

Gravel packed? (yes/no) from _____ ft. to _____ ft.

Bottom capped? (yes/no) with _____

Seals / Packers? (yes/no) kind _____ depth _____ ft.

Water Information

Main water supply zone from 389 ft. to 396 ft.
Supply zone rock type (sand/gravel, limestone, sandstone) limestone
Final water head (static water level) 166 ft. (below above) the MP
Pumping water level 220 ft. below MP at yield of 100 GPM
Water quality tested? (yes/no) no Date tested _____ / _____ / _____
Tested by _____
Parameters tested for: _____
Test results _____

Pump

Pump installed? (yes/no) no Date 7 / 1 / 94
Type of pump submersible Manufacturer's name Goulds 5hp
35LD50412
Depth to intake 241 ft. Tail pipe? (yes/no) no length _____ ft.
Pump diameter 4" inches Rated capacity 40 GPM

Formation Log

From	To	Color	Hardness	Description
0	13	BRN	S	Sand
13	41	YEL	"	Clay
41	83	Blue	"	"
83	85	White	"	rock
85	87	"	"	Clay
87	104	BRN	"	sand
104	146	Red	M/H	Clay
146	148	White	S	limestone
148	161	Blue	"	Clay
161	163	White	"	Limestone
163	194	BLK	"	Shale
194	197	"	"	Coal
197	256	"	"	Shale
256	311	Red	"	"
311	342	White	M/H	limestone
342	351	"	S	Sandstone
351	361	"	M/H	limestone
361	369	Gray	S	Shale + Sandstone
369	384	BLK	H	Rock + Shale
384	392	White	"	limestone
392	410	BRN	S	water - limestone

Remarks (Topographic position, elevation, development, disinfection, water quality, etc.)

Contractor's name Schumacher Well Drilling Registration no. CD40097
Address 2201 Stagle Dr Algona Ia
Driller's name Jim Schumacher Drill method (rotary cable) _____