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Iowa Department of Natural Resources Geological Survey Bureau
123 North Capitol St. Iowa City, Ia. 52242 PH (319) 335-1575

WELL RECORD

0003

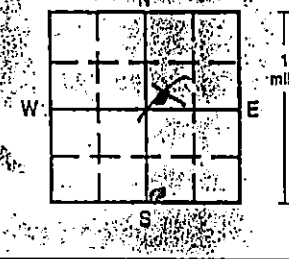
Site Identification

Property Owner: [redacted] Well Number ____
Address Cowles Point
Tenant ____
Well Depth 360 ft. Date Completed 2 / 7 / 96

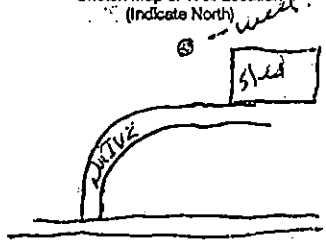
Location

County Linn
Well is ____ mi. N/S and ____ mi. E/W of intersection of ____ and ____
____ 1/4 of the SW 1/4 of the SE 1/4 of Sec 16 TWP 85 RNG 6 E/W

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



Sketch Map of Well Location (Indicate North)



Formation Log

From	To	Color	Hardness	Description
0	3			Top Soil
3	25			Brown Clay
25	50			Blue Clay
50	60			Rock Thin
60	70		M	Lime
70	110		M	Gray Rock
110	140		S	Gray Shale
			S	Rock Thin
140	145		H	THN Rock
145	147		H	Brown Rock
147	155		H	Black Shale
155	160		M	THN
160	170		M	Gray Shale
170	175		H	Gray Rock
175	190		H	Gray Rock
190	240		H	Gray Rock
240	242		S	Black Shale
242	330			Gray Rock
330	332			Gray Shale
332	335			Gray Rock
335	360			Yellow Lime Stone

(use second sheet if needed)

Remarks (Topographic position, elevation, development, disinfection, water quality, etc.)
90-110 Gray Shale Red Rock
175 Hard Black Shale
155 Gray Shale
290 Black Shale
330 Gray Shale

Well Use

☑ Domestic ☐ Municipal ☐ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other ____

Measuring Point (MP)

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

Hole Size

9 inch from 0 ft. to 57 ft.
6 7/8 inch from 57 ft. to 360 ft.
continued.
___ inch from ____ ft. to ____ ft.
___ inch from ____ ft. to ____ ft.

Casing

(ID / OD) ? Drive shoe? (yes / no) Pitless adaptor? (yes / no)

Size	Type / Wt.	Depth Top	Depth Bottom	Amount (length)
6"	PVC SDR21	+2 4"	57'	
4 1/2"	PVC SDR26	40	360	320

Perforated or Slotted Casing?

Perforated / Slotted from 240 ft. to 320 ft.
Perforated / Slotted from ____ ft. to ____ ft.

Casing Grouted?

☐ Neat Cement ☑ Bentonite ☐ other ____
from -57 ft. to 0 ft.
from ____ ft. to ____ ft.

Well Screen?

Diameter	Slot size	Depth Top	Depth Bottom	Amount	Type / Mfg.
4 1/2	.032	40'	320	280	PVC

Gravel packed? (yes / no) from ____ ft. to ____ ft.
Bottom capped? (yes / no) with PVC Caps
Seals / Packers? (yes / no) kind Rubber depth 42' ft.

Water Information

Main water supply zone from 335 ft. to 360 ft.
Supply zone rock type (sand/gravel, limestone, sandstone) ____
Final water head (static water level) 0 ft. (below / above) the MP
Pumping water level 360 ft. below MP at yield of 90 GPM
Water quality tested? (yes / no) Date tested ____ / ____ / ____
Tested by ____
Parameters tested for: ____
Test results ____

Pump

Pump Installed? (yes / no) Date ____ / ____ / ____
Type of pump ____ Manufacturer's name ____
Depth to intake ____ ft. Tail pipe? (yes / no) length ____ ft.
Pump diameter ____ inches Rated capacity ____ GPM

Contractor's name Greiner Drilling Registration no. ____
Address ____
Driller's name Terry Carpenter Drill method (rotary / cable) ____

white copy - Iowa DNR, Geological Survey Bureau blue copy - Well Contractor pink copy - Customer yellow copy - County Health Officer