34334

Rcvd 4/12/94

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

# WELL RECORD

## Site Identification

Property Owner City of Coggon Well Number _____

Address _____

Tenant _____

Well Depth _____ ft. Date Completed ____ / ____ / ____

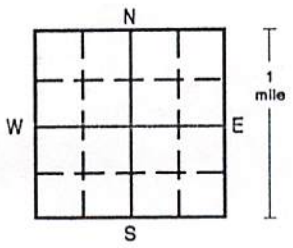
## Location

County _____

Well is ____ mi. N/S and ____ mi. E/W 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 ( ● ).




Sketch Map of Well Location (Indicate North)

## Formation Log

| From | To | Color | Hardness | Description |
|---|---|---|---|---|
| 0 | 19' | BRN | soft | clay trace of sand |
| 19' | 30' | BRN + Grey | semi HARD | BRN Clay |
| 30' | 48' | BLUE | HARD | Blue Clay |
| 48' | 49' | BRN | soft | sand, med |
| 49' | 81' | Blue | HARD | Blue Clay |
| 81' | 83' | Grey | soft | sand, med |
| 83' | 109' | Blue | HARD | Blue Clay |
| 109' | 117' | BRN | soft | ROCK |
| 117' | 118' | BRN | HARD | Rock |
| 118' | 196'6" | LT BRN | HARD | Rock |
| 196'6" | 208'6" | BRN Grey | HARD | Rock, crevises constant |
| 208'6" | 213'7" | " " | — | large crevis |

use second sheet if needed

## Remarks

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

## 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

12 3/8 inch from 0 ft. to 195 ft.
7 1/2 inch from 195 ft. to 214 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) |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

## 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 195' 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 _____ ft. to _____ ft.

Supply zone rock type (sand/gravel, limestone, sandstone) _____

Final water head (static water level) _____ ft. (below / above) the MP

Pumping water level _____ ft. below MP at yield of _____ 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 _____ Registration no. _____

Address _____

Driller's name _____ Drill method (rotary / cable) _____

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

IOWA GEOLOGICAL SURVEY

34334

123 North Capitol St.
Iowa City, Iowa 52242
Phone (319) 338-1173

IB Coggon City Well WELL NO: DATE TESTED 12/15/93

CATION Coggon TESTED BY

ameter of Well 8inch Pump Used: Driver

pth of Well 213' Column & Shaft

ngth of Airline 165' Bowls

n-Pumping Level Manufacturer

ifice Seze AIRLINE 165' Serial No.

WATER LEVEL 103' PSI

| Date / Time | Time Accumulative | Piezometer Reading | G.P.M. | Air Gauge Reading (ft.) | P.W.L. (feet) | Drawdown (feet) | Remarks |
|---|---|---|---|---|---|---|---|
| 9:10 am | 5 min | 13.5 | 121 | 26 | | | |
| 9:15 | 5 min | 13.5 | 121 | 26.5 | | | |
| 9:20 | 5 min | 13.5 | 121 | 26 | | | |
| 9:25 | 5 min | 13.5 | 121 | 26.5 | | | |
| 9:30 | 5 min | 13.5 | 121 | 26.5 | | | |
| 9:40 | 10 min | 13.5 | 121 | 26.5 | | | |
| 9:50 | 10 min | 13.5 | 121 | 26 | | | |
| 10:00 | 10 min | 13.5 | 121 | 26.5 | | | |
| 10:15 | 15 min | 13.5 | 121 | 26.5 | | | |
| 10:30 | 15 min | 13.5 | 121 | 26.5 | | | |
| 10:45 | 15 min | 13.5 | 121 | 26.5 | | | |
| 11:00 | 15 min | 13.5 | 121 | 26.5 | | | |
| 11:15 | 15 min | 13.5 | 121 | 26.5 | | | |
| 11:45 | 30 min | 13.5 | 121 | 26.5 | | | |
| 12:15 pm | 30 min | 13.5 | 121 | 26.5 | | | |
| 12:45 | 30 min | 10.5 | 210 | 26 | | | |
| 1:15 | 30 min | 10.5 | 210 | 26.5 | | | |

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Iowa City, Iowa 52242
Phone (319) 338-1173

)B _____ WELL NO. _____ DATE TESTED _____

)CATION _____ TESTED BY _____

ameter of Well _____ Pump Used: Driver _____

pth of Well _____ Column & Shaft _____

ngth of Airline _____ Bowls _____

n-Pumping Level _____ Manufacturer _____

ifice Seze _____ Serial No. _____

| Date / Time | Time Accumulative | Piezometer Reading | G.P.M. | Air Gauge Reading (ft.) PSI | P.W.L. (feet) | Drawdown (feet) | Remarks |
|---|---|---|---|---|---|---|---|
| 2:15 pm | 1 hour | 10.5 | 210 | 26 | | | |
| 3:15 | 1 hour | 10.5 | 210 | 26 | | | |
| 4:15 | 1 hour | 10.5 | 210 | 26 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| RECOVERY | | | | | | | |
| | | | | | | | |
| 4:30 pm | 15 min | — | — | 26.5 | | | |
| 4:45 pm | 15 min | — | — | 26.5 | | | |
| 5:00 pm | 15 min | — | — | 26.5 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |