#34962

Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

# WELL RECORD

AUG 22 1994 GEOL. SURVEY

Permit No. 51-94

## Site identification

Property Owner William Moore Well Number ____

Address 2616 Hwy 26, Ransing

Tenant ____

Well Depth 140 ft Date Completed 8 / 12 / 94

## Location

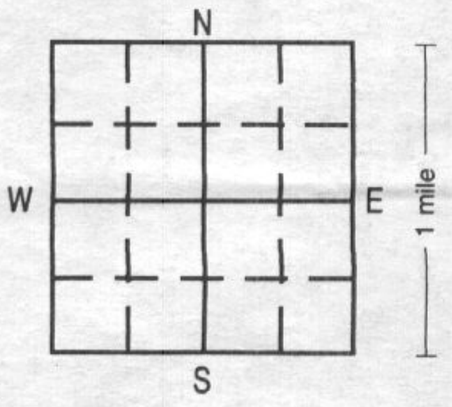
County Allamakee

____ 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 on property




N

☐ upland ☐ hillside ☐ valley Elevation (if known) ____

## Formation log

| From | To | Color | Hardness | Formation description |
|---|---|---|---|---|
| 0 | 10 | B | S | CLAY |
| 10 | 54 | G | S | ST. LAURENCE |
| 54 | 102 | G | S | FRANKFORT |
| 102 | 140 | G | S | SANDSTONE |

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

8.75 inch from 0 ft to 84 ft

___ inch from ____ ft to ____ ft

hole size continued

4.5 inch from 84 ft to 140 ft

___ inch from ____ ft to ____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

## Casing

Drive shoe ( yes / no ) Pitless adaptor ( yes / no )

| Size (ID/OD) | Type / Wt | Depth top | Depth bottom | Amount (length) |
|---|---|---|---|---|
| 5" ID | 14.57 | + 1.5 | | 84 FT |
| | | | | |
| | | | | |
| | | | | |

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

Perforated / slotted from ____ ft to ____ ft

Perforated / slotted from ____ ft to ____ ft

## Casing grouted? ( yes / no )

| Type | Depth Top | Depth Bottom | Amount |
|---|---|---|---|
| NEAT | 0 | 84 | 2 YRD |
| | | | |

## Well screen? ( yes / no )

| Diameter | Slot size | Depth Top | Depth Bottom | Length | Material |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |

Bottom capped ( yes / no ) with ____

Seals / Packers ( yes / no ) kind ____ depth ____ ft

Gravel packed ( yes / no ) from ____ ft to ____ ft

type ____ amount ____

## Well developed? ( yes / no )

Explain ____

## Pump installed? ( yes / no )

Date 8 / 30 / 94

Installer's name Grady Pump Service

Type of pump Gould Depth to intake 126 ft

Pump diameter 4" Rated capacity 10 GPM

## Water information

Aquifer: ☐ sand/gravel ☐ limestone ☑ sandstone

Main water-supply zone from 120 ft to 140 ft

Final water level ( static water level ) 105 ft ( below / above ) GL.

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

At yield of 10 GPM; ☐ orifice ☐ volumetric ☐ estimate Date ____

## Water quality test? ( yes / no )

Date tested ____ / ____ / ____

Tested by ____

Test results ____

Contractor LARSON WELL DRILLING

Address 105 N. ROBERT ST, HABEL, MN

Driller JOHN LARSON Certification no. 40181

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