

**Site identification**  
 Property Owner Steve Webber Well Number \_\_\_\_\_  
 Address Box 691, Cascade  
 Tenant \_\_\_\_\_  
 Well Depth 235 ft Date completed 7/15/98

**Location** County Jones  
 \_\_\_\_\_ mi. <sup>N</sup> and \_\_\_\_\_ mi. <sup>E</sup> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ mi. <sup>S</sup> and \_\_\_\_\_ mi. <sup>W</sup> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 1/4 of the \_\_\_\_\_ 1/4 of the NW 1/4 of Sec 01 TWP 86 RNG 2 <sup>E</sup>  
 Show exact location of well in section grid with a dot (●). Sketch map of well location on property.

upland  hillside  valley Elevation (if known) \_\_\_\_\_

**Formation log**

| From | To   | Color  | Hardness | Formation description |
|------|------|--------|----------|-----------------------|
| 0'   | 17'  | Brown  |          | Clay                  |
| 17'  | 59'  | Blue   |          | Clay                  |
| 59'  | 62'  |        |          | Wood                  |
| 62'  | 106' | Blue   |          | Clay                  |
| 106' | 128' | Yellow |          | Limerock              |
| 128' | 154' | White  |          | Limerock              |
| 154' | 204' | Brown  |          | Limerock              |
| 204' | 235' | Brown  |          | Limerock              |

use additional sheets as needed

**Remarks** (including depth of lost drilling fluids, materials, or tools)

**Well use**

Domestic  Municipal  Commercial  
 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 8 ft hole size continued 6 1/4 inch from 114 1/2 ft to 235 ft  
10 inch from 8 ft to 114 1/2 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 adapter (yes/no) \_\_\_\_\_

| Size (ID/OD) | Type / Wt | Depth top | Depth bottom | Amount (length) |
|--------------|-----------|-----------|--------------|-----------------|
| 7"           | Steel     | 15'       | 114 1/2'     | 116'            |

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

Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Casing grouted?** (yes/no)  Placement method \_\_\_\_\_

| Type     | Depth Top | Depth bottom | Amount (vol/wt) |
|----------|-----------|--------------|-----------------|
| Benseal  | 0'        | 114 1/2'     | 8 sacks         |
| Holeplug |           |              | 5 sacks         |

**Well screen?** (yes/no)

| Diameter | Slot size | Depth Top | Depth Bottom | Length | Material |
|----------|-----------|-----------|--------------|--------|----------|
| 0.____   |           |           |              |        |          |
| 0.____   |           |           |              |        |          |

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 AirLift: 15 GPM at 175', 20 GPM at 195'  
 (pumped, airlifted, bailed) for \_\_\_\_\_ hrs at \_\_\_\_\_ GPM.

**Pump installed?** (yes/no) \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Installer's name \_\_\_\_\_  
 Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft  
 Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information** Aquifer:  sand / gravel  limestone  sandstone  
 Main water-supply zone from \_\_\_\_\_ ft to \_\_\_\_\_ ft  seepage well  
 Static water level 106 ft (below/above) GL;  tape  airline  E-line  estimate  
 Pumping water level 175 ft below GL;  tape  airline  E-line  estimate  
 At yield of 15 GPM;  orifice  volumetric  estimate  
 Measurements taken at \_\_\_\_\_; \_\_\_\_\_ (AM / PM) Date \_\_\_\_/\_\_\_\_/\_\_\_\_

**Water quality test?** (yes/no) \_\_\_\_\_ Date tested \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Tested by \_\_\_\_\_

Contractor Shawver Well Company, Inc.  
 Address Fredericksburg, IA 50630  
 Driller Dave Halweg Certification no. 40162