

**Site identification**  
 Property Owner Russ Lyon Well Number \_\_\_\_\_  
 Address 150 Main & Maple  
 Tenant Site: Washington Mill Road  
 Well Depth 140' ft Date completed 4/29/02

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size**  
 12 1/4" inch from 0 ft to 20 ft hole size continued  
 9 7/8" inch from 20 ft to 140 ft  
 10 1/4" inch from 20 ft to 140 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Location** County Dubuque  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ Sec 35 TWP 87 RNG 2 E W  
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.  
  
 upland  hillside  valley Elevation (if known) 925'

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"	59' 800	4 1/2'	10 1/2'	108'

**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)
<u>Non plug cement</u>			<u>5 sacks</u>
<u>59' 800</u>	<u>0'</u>	<u>10 1/2'</u>	<u>8 sacks</u>

**Formation log**

From	To	Color	Hardness	Formation description
0'	4'			Clay & siltstone
4'	74'	Yellow		siltstone
74'	108'	Cream		siltstone
108'	116'	Gray		siltstone
116'	131'	Brown		siltstone
131'	140'	Blue		Shale

**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 UGEM @ 120'; UGEM @ 125'  
 (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 55' ft (below/above) GL:  tape  airline  E-line  estimate  
 Pumping water level 120' ft below GL:  tape  airline  E-line  estimate  
 At yield of 10 GPM;  orifice  volumetric  estimate  
 Measurements taken at \_\_\_\_\_: \_\_\_\_\_ (AM/PM) Date \_\_\_\_/\_\_\_\_/\_\_\_\_

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

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

**Well use**  
 Domestic  Municipal  Commercial  Monitoring  Other Car wash  
 Livestock  Irrigation  Other \_\_\_\_\_ (explain)

Contractor Shaver Well Company, Inc  
 Address Frederickburg, IA 52520  
 Driller Dave Shaver Certification no. 40162