

**WELL RECORD**

**53819**

Permit No. 65-23

**Site identification**  
 Property Owner Jack Williams Well Number \_\_\_\_\_  
 Address 24252 Hwy 949 Glenwood IA  
 Tenant Noyse Ave 51534  
 Well Depth 183 ft Date completed 04/11/01

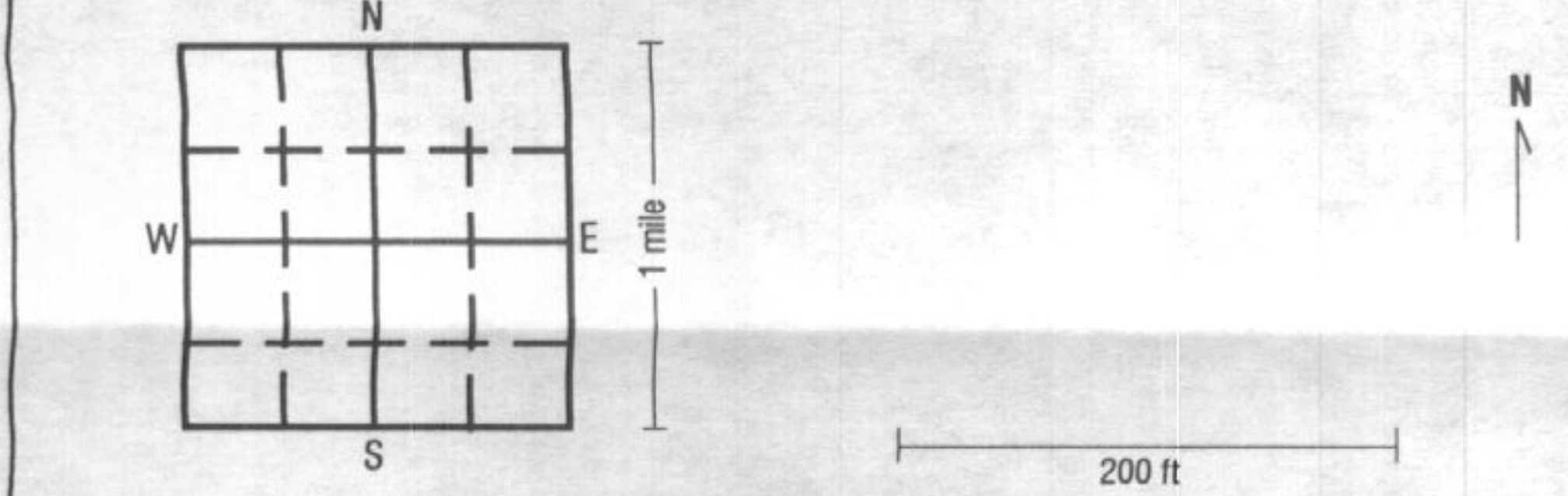
**Drill method**  rotary  auger  cable  other \_\_\_\_\_  
**Hole size**  
9 inch from 0 ft to 183 ft  
 hole size continued \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Location** County Mills  
 \_\_\_\_\_ mi. <sup>N</sup> and \_\_\_\_\_ mi. <sup>E</sup> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
SE 1/4 of the SW 1/4 of the \_\_\_\_\_ 1/4 of Sec 4 TWP 71 RNG 42 <sup>E</sup> <sub>W</sub>  
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

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)
<u>4/4 1/2</u>	<u>PVC sch 40</u>	<u>0</u>	<u>168</u>	<u>168</u>
		<u>178</u>	<u>183</u>	<u>5</u>



**Perforated or slotted casing?** (yes/no)   
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

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

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

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>Bentonite</u>	<u>0</u>	<u>25</u>	

**Formation log**

From	To	Color	Hardness	Formation description
<u>0</u>	<u>7</u>	<u>Black</u>		<u>Topsoil</u>
<u>7</u>	<u>60</u>	<u>Brown</u>		<u>Clay</u>
<u>60</u>	<u>63</u>			<u>Sand</u>
<u>63</u>	<u>72</u>	<u>Brown</u>		<u>Clay</u>
<u>72</u>	<u>83</u>			<u>Sand</u>
<u>83</u>	<u>95</u>	<u>Brown</u>		<u>Dark Clay</u>
<u>95</u>	<u>103</u>	<u>Gray</u>		<u>Dark Clay</u>
<u>103</u>	<u>115</u>	<u>Gray</u>		<u>Sand</u>
<u>115</u>	<u>162</u>	<u>Blue</u>		<u>Clay w/ Sand</u>
<u>162</u>	<u>178</u>			<u>Sandstone</u>
<u>178</u>	<u>183</u>			<u>Shale/Limestone</u>

use additional sheets as needed

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

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
<u>4/4 1/2</u>	<u>0.012</u>	<u>168</u>	<u>178</u>	<u>10'</u>	<u>PVC</u>

Bottom capped (yes/no)  with \_\_\_\_\_  
 Seals / Packers (yes/no)  kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no)  from 120 ft to 183 ft  
 type 10-20 Sand amount \_\_\_\_\_

**Well developed?** (yes/no)   
 Explain \_\_\_\_\_  
 (pumped, airlifted, bailed) for 2 hrs at 8 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 162 ft to 178 ft  seepage well  
 Static water level 39 ft (below / above) GL;  tape  airline  E-line  estimate  
 Pumping water level 64 ft below GL;  tape  airline  E-line  estimate  
 At yield of 8 GPM;  orifice  volumetric  estimate  
 Measurements taken at \_\_\_\_\_: \_\_\_\_\_ (AM / PM) Date 04/11/01

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

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

**Well use**

<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Commercial
<input checked="" type="checkbox"/> Livestock	<input type="checkbox"/> Public supply	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test well	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Other _____

(explain)

Contractor Henry well Co  
 Address Oakland IA 51560  
 Driller Fred S Henry Certification no. 40596