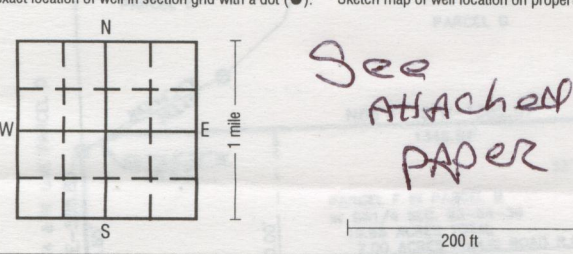


Site identification Property Owner <u>Osceola Co. RWS</u> Well Number <u>#2</u> Address <u>2270 Walnut Ave. May City, Iowa 51351</u> Tenant <u>Buck MAASA</u> Well Depth <u>49'</u> Date completed <u>2/18/04</u>		Drill method <input type="checkbox"/> rotary <input type="checkbox"/> auger <input type="checkbox"/> cable other <u>Bucket</u> Hole size hole size continued <u>20</u> inch from <u>0</u> ft to <u>49</u> ft ___ inch from ___ ft to ___ ft																																																	
Location County <u>Osceola</u> ___ mi. N and ___ mi. E of intersection of ___ and ___ ___ 1/4 of the ___ 1/4 of the ___ 1/4 of Sec ___ TWP ___ RNG ___ Show exact location of well in section grid with a dot (•). Sketch map of well location on property.		Casing Drive shoe (yes/no) <input checked="" type="checkbox"/> Pitless adapter (yes/no) <input checked="" type="checkbox"/> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Size (ID/OD)</th> <th>Type / Wt</th> <th>Depth top</th> <th>Depth bottom</th> <th>Amount (length)</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>Steel-20</td> <td>-4</td> <td>38</td> <td>34'</td> </tr> </tbody> </table>		Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)	12"	Steel-20	-4	38	34'																																						
Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)																																															
12"	Steel-20	-4	38	34'																																															
		Perforated or slotted casing? (yes/no) <input checked="" type="checkbox"/> Perforated / slotted from <u>39</u> ft to <u>49</u> ft Perforated / slotted from ___ ft to ___ ft																																																	
<input type="checkbox"/> upland <input type="checkbox"/> hillside <input type="checkbox"/> valley Elevation (if known) _____		Casing grouted? (yes/no) <input checked="" type="checkbox"/> Placement method <u>ferried</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Depth Top</th> <th>Depth bottom</th> <th>Amount (vol/wt)</th> </tr> </thead> <tbody> <tr> <td>Cement</td> <td>8'</td> <td>20'</td> <td></td> </tr> </tbody> </table>		Type	Depth Top	Depth bottom	Amount (vol/wt)	Cement	8'	20'																																									
Type	Depth Top	Depth bottom	Amount (vol/wt)																																																
Cement	8'	20'																																																	
Formation log <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From</th> <th>To</th> <th>Color</th> <th>Hardness</th> <th>Formation description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td></td> <td></td> <td>Topsoil</td> </tr> <tr> <td>2</td> <td>18</td> <td></td> <td></td> <td>CLAY</td> </tr> <tr> <td>18</td> <td>29</td> <td></td> <td></td> <td>SANDY GRAVEL</td> </tr> <tr> <td></td> <td>29</td> <td></td> <td></td> <td>Mud Lense</td> </tr> <tr> <td>29</td> <td>49</td> <td></td> <td></td> <td>GRAVEL</td> </tr> </tbody> </table>		From	To	Color	Hardness	Formation description	0	2			Topsoil	2	18			CLAY	18	29			SANDY GRAVEL		29			Mud Lense	29	49			GRAVEL	Well screen? (yes/no) <input checked="" type="checkbox"/> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Diameter</th> <th>Slot size</th> <th>Depth Top</th> <th>Depth Bottom</th> <th>Length</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>0.080</td> <td>38</td> <td>49</td> <td>10'</td> <td>SS</td> </tr> <tr> <td>0.---</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> Bottom capped (yes/no) <input checked="" type="checkbox"/> with _____ Seals / Packers (yes/no) <input type="checkbox"/> kind _____ depth _____ ft Gravel packed (yes/no) <input checked="" type="checkbox"/> from <u>20'</u> ft to <u>49</u> ft type <u>1/2" x 1/8"</u> amount <u>29'</u>		Diameter	Slot size	Depth Top	Depth Bottom	Length	Material	12	0.080	38	49	10'	SS	0.---					
From	To	Color	Hardness	Formation description																																															
0	2			Topsoil																																															
2	18			CLAY																																															
18	29			SANDY GRAVEL																																															
	29			Mud Lense																																															
29	49			GRAVEL																																															
Diameter	Slot size	Depth Top	Depth Bottom	Length	Material																																														
12	0.080	38	49	10'	SS																																														
0.---																																																			
Remarks (including depth of lost drilling fluids, materials, or tools)		Well developed? (yes/no) <input checked="" type="checkbox"/> Explain <u>Air surged then pumped</u> (pumped/airlifted/bailed) for <u>2</u> hrs at <u>200</u> GPM.																																																	
Well use <input type="checkbox"/> Domestic <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Commercial <input 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)		Pump installed? (yes/no) <input checked="" type="checkbox"/> Date ___/___/___ Installer's name _____ Type of pump _____ Depth to intake _____ ft Pump diameter _____ Rated capacity _____ GPM																																																	
use additional sheets as needed		Water information Aquifer: <input checked="" type="checkbox"/> sand / gravel <input type="checkbox"/> limestone <input type="checkbox"/> sandstone Main water-supply zone from <u>30.19</u> ft to ___ ft <input type="checkbox"/> seepage well Static water level <u>14</u> ft (below / above) GL; <input checked="" type="checkbox"/> tape <input type="checkbox"/> airline <input type="checkbox"/> E-line <input type="checkbox"/> estimate Pumping water level <u>31/4"</u> ft below GL; <input checked="" type="checkbox"/> tape <input type="checkbox"/> airline <input type="checkbox"/> E-line <input type="checkbox"/> estimate At yield of <u>600</u> GPM; <input type="checkbox"/> orifice <input checked="" type="checkbox"/> volumetric <input type="checkbox"/> estimate Measurements taken at <u>2:00 (AM/PM)</u> Date <u>2/17/04</u>																																																	
use additional sheets as needed		Water quality test? (yes/no) <input checked="" type="checkbox"/> Date tested <u>2/17/04</u> Tested by <u>Rural Water Lab</u>																																																	
use additional sheets as needed		Contractor <u>Lacey Well Drilling</u> Address <u>47582 240 St - Dell Rapids, SD 57022</u> Driller <u>JAMES LACEY</u> Certification no. <u>40526</u>																																																	