

65612

WELL RECORD

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

Permit No. 2008-12414

Pub570 no: 2227701

Site Identification					Drill method																								
Property Owner <u>Osceola Co. RW</u>		Well Number <u>W45 R-2</u>			☐ rotary ☐ auger ☐ cable other <u>Bucket</u>																								
Address <u>2270 Walnut Ave. Mayfield, OH 43039</u>					Hole size		hole size continued																						
Tenant <u>Dan "Buck" Massa</u>					2 1/2 inch from 0 ft to 3 ft		inch from ft to ft																						
Well Depth <u>56'</u> ft Date completed <u>3/17/08</u>					inch from ft to ft		inch from ft to ft																						
Location County <u>Osceola</u>					Record all depth measurements from ground level (GL). Use (+) for above GL measurements.																								
1/2 mi. <u>W</u> and 1/6 mi. <u>E</u> of intersection of <u>Vine Ave.</u> and <u>230th St.</u> SW 1/4 of the SW 1/4 of the <u>Sec 8</u> TWP <u>28-N</u> RNG <u>39-E</u> Show exact location of well in section grid with a dot (•). Sketch map of well location on property.					Casing		Drive shoes (yes/no)		Pitless adapter (yes/no)																				
					Size (OD) <u>12</u>		Type / Wt <u>Steel</u>		Depth top <u>+1</u>		Depth bottom <u>46</u>		Amount (length) <u>47'</u>																
					Perforated or slotted casing? ☒ yes ☐ no																								
					Perforated / slotted from <u>46</u> ft to <u>56</u> ft																								
☐ upland ☐ hillside ☐ valley Elevation (if known) _____					Casing grouted? ☒ yes ☐ no Placement method <u>tee pipe</u>																								
					Type _____ Depth Top _____ Depth bottom _____ Amount (vol/wt) _____																								
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>4</td> <td>Black</td> <td></td> <td>Topsoil</td> </tr> <tr> <td>4</td> <td>8</td> <td>Rusty</td> <td></td> <td>Gravel</td> </tr> <tr> <td>8</td> <td>56</td> <td>Gray</td> <td></td> <td>Sand</td> </tr> </tbody> </table>					From	To	Color	Hardness	Formation description	0	4	Black		Topsoil	4	8	Rusty		Gravel	8	56	Gray		Sand	Well screen? ☒ yes ☐ no				
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					Diameter	Slot size	Depth Top	Depth Bottom	Length	Material																			
12"	0.000	46	56	10'	SS																								
0																													
					Bottom capped ☒ yes ☐ no with <u>SS plate</u>																								
					Seals / Packers (yes/no) ☒ kind _____ depth _____ ft																								
					Gravel packed ☒ yes ☐ no from _____ ft to _____ ft																								
					type <u>1/4" x 10</u> amount <u>16'</u>																								
					Well developed? (yes/no) ☒ yes ☐ no																								
					Explain _____																								
					(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 _____ ft (below / above) GL; ☐ tape ☐ airline ☒ E-line ☐ estimate Pumping water level _____ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate																								
					At yield of _____ GPM: ☐ orifice ☐ volumetric ☒ estimate Measurements taken at _____ (AM / PM) Date _____ / _____ / _____																								
					Water quality test? (yes/no) _____ Date tested _____ / _____ / _____																								
Remarks (including depth of lost drilling fluids, materials, or tools) _____ _____ _____					Tested by _____																								
					Contractor <u>Lacey Laxell Drilling, Inc.</u>																								
Well use ☐ Domestic ☐ Municipal ☐ Commercial ☐ Livestock ☒ Public supply ☐ Monitoring ☐ Test well ☐ Irrigation ☐ Other _____ (explain) _____					Address <u>47582 210th St. Dell Rapids, SD 57032</u>																								
					Driller <u>James Lacey</u> Certification no. <u>3580</u>																								

White copy -- Iowa DNR, Geological Survey Bureau

~~Best copy~~ - Well Contractor

pink body - Customer

yellow copy - County Health Officer.