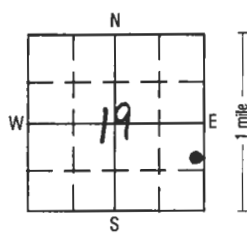


Site identification Property Owner <u>CITY OF LE MARS</u> Other ID <u>WELL #11</u> Address <u>40 CENTRAL AVE. SE, LE MARS, IA 51031</u> Tenant _____ Well Depth <u>388</u> ft Date completed <u>8/10/04</u>					Drill method ☒ rotary ☐ auger ☐ cable other <u>REVERSE</u> Hole size <u>38</u> inch from <u>0</u> ft to <u>260</u> ft <u>26</u> inch from <u>260</u> ft to <u>388</u> ft hole size continued _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft																																																																																						
Location County <u>PLYMOUTH</u> <u>150</u> FT. S and <u>150</u> FT. E of intersection of <u>LAKE AVE.</u> and <u>21ST ST. S.</u> <u>SE</u> 1/4 of the <u>NE</u> 1/4 of the <u>SE</u> 1/4 of Sec <u>19</u> TWP <u>92</u> RNG <u>45</u> E W GPS Coordinates (NAD83 datum only) decimal degrees: _____ N. Latitude _____ W. Longitude. Show exact location of well in section grid with a dot (•). Sketch map of well location on property.  WELL #11 LAKE AVE. 21ST ST. S. 200 ft					Record all depth measurements from ground level (GL). Use (+) for above GL measurements. Casing (STEEL) Drive shoe (yes/no) <u>(no)</u> Pitless adapter (yes/no) <u>(no)</u> <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>30"</td> <td>0.321"</td> <td>0</td> <td>260'</td> <td>260'</td> </tr> <tr> <td>18"</td> <td>0.500"</td> <td>+2'</td> <td>260'</td> <td>262'</td> </tr> </tbody> </table>					Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)	30"	0.321"	0	260'	260'	18"	0.500"	+2'	260'	262'																																																																			
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use additional sheets as needed					Water information Aquifer: ☐ sand / gravel ☐ limestone ☒ sandstone Main water-supply zone from <u>260</u> ft to <u>388</u> ft ☐ seepage well Static water level <u>75.5</u> ft (below/above) GL; ☐ tape ☐ airline ☒ E-line ☐ estimate Pumping water level <u>120</u> ft below GL; ☐ tape ☐ airline ☒ E-line ☐ estimate At yield of <u>1,324</u> GPM; ☒ orifice ☐ volumetric ☐ estimate for <u>2</u> hours Measurements taken at _____: (AM) (PM) Date <u>3/5/05</u>																																																																																						
Remarks (including depth of lost drilling fluids, materials, or tools)					Water quality test? (yes/no) <u>(yes)</u> Date tested <u>9/28/04</u> Tested by <u>IOWA HYGIENIC LAB</u>																																																																																						
Well use ☐ Domestic ☒ Heat pump ☐ Commercial ☐ Livestock ☒ Municipal ☐ Monitoring ☐ Test well ☐ Public supply ☐ Other _____ ☐ Irrigation					Contractor <u>LAYNE-WESTERN</u> Address <u>5600 GATEWAY DR., STE. B, GRIMES, IA 50111</u> Driller <u>BEN BAILY</u> Certification no. <u>1310</u> <u>OURA TRASK</u> <u>5509</u>																																																																																						