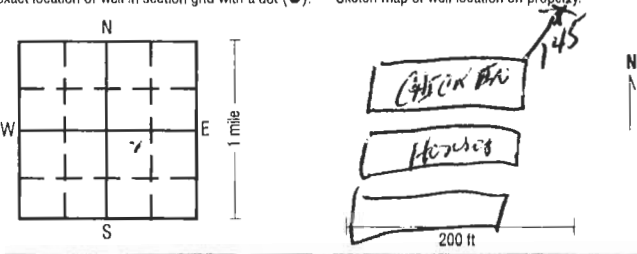


WELL RECORD

#2125191
63780

Permit No. 24969

Site identification Property Owner <u>SPARBOE FARMS</u> Well Number <u>2125191</u> Address <u>3170 BUCHANAN AVE PAOLE GROVE IA</u> Tenant <u>SAME</u> Well Depth <u>425</u> ft Date completed <u>3/22/07</u>					Drill method ☒ rotary ☐ auger ☐ cable ☐ other Hole size 12 1/4 inch from 0 ft to 192 ft 2 3/4 inch from 192 ft to 245 ft hole size continued 6 inch from 245 ft to 425 ft																																																																																														
Location County <u>WRIGHT</u> 1/2 mi. N and 1/4 mi. E of intersection of <u>320th</u> and <u>BUCHANAN</u> <u>NE</u> 1/4 of the <u>SW</u> 1/4 of the <u>SE</u> 1/4 of Sec <u>20</u> TWP <u>90</u> RNG <u>26</u> E Show exact location of well in section grid with a dot (•). Sketch map of well location on property.  ☒ upland ☐ hillside ☐ valley Elevation (if known) _____					Casing Drive shoe (yes/no) ☒ Pitless adapter (yes/no) ☒ Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length) <u>8"</u> <u>SDR 21</u> <u>+2</u> <u>192</u> <u>194</u>																																																																																														
Formation log <table border="1"><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>BLK</td><td>SOFT</td><td>SOIL</td></tr><tr><td>2</td><td>8</td><td>BRN</td><td>"</td><td>SANDY CLAY</td></tr><tr><td>8</td><td>12</td><td>MULT</td><td>"</td><td>SAND</td></tr><tr><td>12</td><td>15</td><td>BRN</td><td>"</td><td>SANDY CLAY</td></tr><tr><td>15</td><td>20</td><td>MULT</td><td>"</td><td>SAND</td></tr><tr><td>20</td><td>40</td><td>BRN</td><td>"</td><td>SANDY CLAY</td></tr><tr><td>40</td><td>42</td><td>MULT</td><td>"</td><td>SAND</td></tr><tr><td>42</td><td>182</td><td>BRN</td><td>"</td><td>SANDY CLAY</td></tr><tr><td>182</td><td>185</td><td>MULT</td><td>"</td><td>SAND</td></tr><tr><td>185</td><td>202</td><td>BRN</td><td>HARD</td><td>LIMESTONE</td></tr><tr><td>202</td><td>211</td><td>BRN</td><td>"</td><td>SANDSTONE</td></tr><tr><td>211</td><td>215</td><td>BRN</td><td>"</td><td>LIMESTONE</td></tr><tr><td>215</td><td>325</td><td>LT BRN</td><td>"</td><td>"</td></tr><tr><td>325</td><td>330</td><td>LT BRN</td><td>"</td><td>"</td></tr><tr><td>330</td><td>373</td><td>LT BRN</td><td>"</td><td>"</td></tr><tr><td>373</td><td>378</td><td>BRN</td><td>"</td><td>"</td></tr><tr><td>378</td><td>425</td><td>BRN</td><td>"</td><td>"</td></tr></tbody></table>					From	To	Color	Hardness	Formation description	0	2	BLK	SOFT	SOIL	2	8	BRN	"	SANDY CLAY	8	12	MULT	"	SAND	12	15	BRN	"	SANDY CLAY	15	20	MULT	"	SAND	20	40	BRN	"	SANDY CLAY	40	42	MULT	"	SAND	42	182	BRN	"	SANDY CLAY	182	185	MULT	"	SAND	185	202	BRN	HARD	LIMESTONE	202	211	BRN	"	SANDSTONE	211	215	BRN	"	LIMESTONE	215	325	LT BRN	"	"	325	330	LT BRN	"	"	330	373	LT BRN	"	"	373	378	BRN	"	"	378	425	BRN	"	"	Perforated or slotted casing? (yes/no) ☒ Perforated / slotted from _____ ft to _____ ft Perforated / slotted from _____ ft to _____ ft				
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Well use ☒ Domestic ☐ Municipal ☐ Commercial ☒ Livestock ☐ Public supply ☐ Monitoring ☐ Test well ☐ Irrigation ☐ Other _____ (explain)					Well screen? (yes/no) ☒ Diameter Slot size Depth Top Depth Bottom Length Material 0. _____ 0. _____																																																																																														
Water information Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone Main water-supply zone from <u>375</u> ft to <u>415</u> ft ☐ seepage well Static water level <u>52</u> ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate Pumping water level <u>180</u> ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate At yield of <u>50</u> GPM; ☐ orifice ☐ volumetric ☒ estimate Measurements taken at <u>1</u> (AM / PM) Date <u>3/22/07</u>					Bottom capped? (yes/no) ☒ with _____ Seals / Packers? (yes/no) ☒ kind _____ depth _____ ft Gravel packed? (yes/no) ☒ from _____ ft to _____ ft type _____ amount _____																																																																																														
Water quality test? (yes/no) ☒ Date tested _____ / _____ / _____ Tested by <u>MORT'S WELL CO.</u>					Well developed? (yes/no) ☒ Explain _____ (pumped / airlifted / bailed) for <u>2</u> hrs at <u>50</u> GPM.																																																																																														
Pump installed? (yes/no) ☒ Date _____ / _____ / _____ Installer's name _____ Type of pump _____ Depth to intake _____ ft Pump diameter _____ Rated capacity _____ GPM					Contractor <u>BOX 715</u> Address <u>JANIMER IA 50452</u> Driller <u>JANIMER IA 50452</u> Certification no. <u>1887</u>																																																																																														