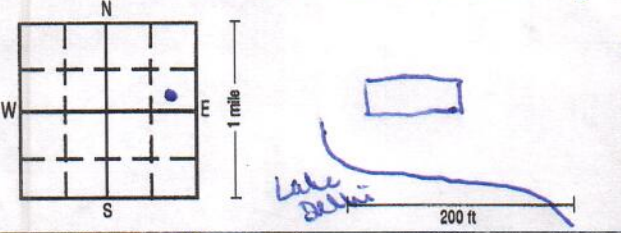


**Site identification**  
 Property Owner Rich Hughes - Lost Beach Well Number \_\_\_\_\_  
 Address 22392 255<sup>th</sup> St Delhi, IA (Lake Delhi) 52534  
 Tenant \_\_\_\_\_  
 Well Depth 144 ft Date completed 4/17/17

**Location** County Delaware  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of Sec \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ 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) \_\_\_\_\_

**Formation log**

From	To	Color	Hardness	Formation description
0	14	brown	Very soft	Silt/sand
14	28	tan	fine	Sand
28	46	multi		gravel
46	50			sand
50	53	Blue	firm	Clay
53	57	tan gray		Limestone
57	67		course	Limestone, water 80 gpm
67	80	tan gray	porous	Limestone, 100 gpm
80	94	tan gray		Limestone
94	102	gray		Limestone
102	108	tan, white, gray		Limestone, clay, water
108	120	tan gray, white		Limestone
120	123	tan gray		Limestone, water
123	127	gray		Limestone
127	130	tan gray		Limestone
130	143	gray		Limestone

use additional sheets as needed

**Remarks** (including depth of lost drilling fluids, materials, or tools)  
drilled w/ mud to 53'. set temp. casing

**Well use**

<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input 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 <u>public</u>

(explain)

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size** \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 11 inch from 53 ft to 100 ft  
 hole size continued  
 5 7/8 inch from 100 ft to 143 ft

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)
6" ID	.280 steel	+2	100	102'
		w/ cement shoe		

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

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

Type	Depth Top	Depth bottom	Amount (vol/wt)
Best cement	0	100	60 sacks

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

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
0	_____				
0	_____				

Bottom capped (yes/no) \_\_\_\_\_ with \_\_\_\_\_  
 Seals / Packers (yes/no) \_\_\_\_\_ kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no) \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?** (yes/no) \_\_\_\_\_  
 Explain 25 gpm @ 40'  
 (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 104 ft to 144 ft  seepage well  
 Static water level 12 ft (below / above) GL;  tape  airline  E-line  estimate  
 Pumping water level 40 ft below GL;  tape  airline  E-line  estimate  
 At yield of 25 GPM;  orifice  volumetric  estimate  
 Measurements taken at 11:00 (AM / PM) Date 4/17/17

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

Contractor Oasis Well Drilling  
 Address Manchester, IA 52057  
 Driller BGH Certification no. 6714