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

83249

Site identification
Trappistine Caskets

Property Owner Monastery · Well Number 1

Address 6632 Melleray Circle, Peosta

Tenant

Well Depth 204 ft · Date completed 8 / 18 / 000

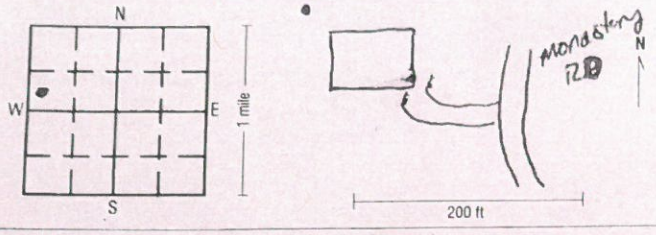
Location
County Dubuque

N. 42.39293 W 090.81530

____ mi. N/S and ____ mi. E/W of intersection of ____ and ____

____ 1/4 of the ____ 1/4 of the ____ 1/4 of Sec ____ TWP ____ RNG ____ E/W

Show exact location of well in section grid with a dot (●). Sketch map of well location on property.



☐ upland ☐ hillside ☐ valley Elevation (if known) ____

Drill method
☐ rotary ☐ auger ☐ cable other ____

Hole size
12 inch from 0 ft to 22 ft

10 inch from 22 ft to 83 ft

hole size continued: 5 7/8 inch from 83 ft to 204 ft

____ inch from ____ ft to ____ 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	200 steel	+1	83	84'

Perforated or slotted casing? (yes / no)
Perforated / slotted from ____ ft to ____ ft

Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes / no) Placement method tremmie

Type	Depth Top	Depth bottom	Amount (vol/wt)
Benseal	-5	83	12 sacks
Hole plug	0	5	2 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 ____

Formation log

From	To	Color	Hardness	Formation description
0	12	Brown		Clay
12	69	gry		sand, clay
69	81			Broken lime, gry clay
81	107	white gry		Limestone
107	136	gry		Limestone
136	140	tan/gry		Limestone
140	144	tan		Limestone
144	204	gry		Limestone

use additional sheets as needed

Well developed? (yes / no)
Explain 60gpm @ 200' 30gpm @ 60'

(pumped, airlifted, bailed) for 1 hrs at 60 GPM.

Pump installed? (yes / no) Date ____ / ____ / ____
Installer's name ____

Type of pump ____ Depth to intake ____

Pump diameter ____ Rated capacity ____

Water information
Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone

Main water-supply zone from 160' ft to 200' ft ☐ seepage well

Static water level 35' ft (below / above) GL; ☐ tape ☐ airline ☒ E-line ☐ est

Pumping water level 60' ft below GL; ☐ tape ☒ airline ☐ E-line ☐ est

At yield of 30 GPM; ☐ orifice ☐ volumetric ☒ estimate

Measurements taken at 12:00 (AM / PM) Date 8 / 18 / 16

Water quality test? (yes / no) Date tested ____ / ____
Tested by ____

Remarks (including depth of lost drilling fluids, materials, or tools)
52'-54' open 59'-61' open

Well use
☒ Domestic ☐ Livestock ☐ Test well
☐ Municipal ☐ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other ____ (explain)

Contractor Oasis Well Drilling

Address Manchester, IA 52057

Driller ____ Certification no. ____

10-31-2016

white copy – Iowa DNR, Geological Survey Bureau · blue copy – Well Contractor · pink copy – Customer · yellow copy – County H