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

WELL RECORD

Permit No. 97076 W

Public Water # 1037899

Site identification

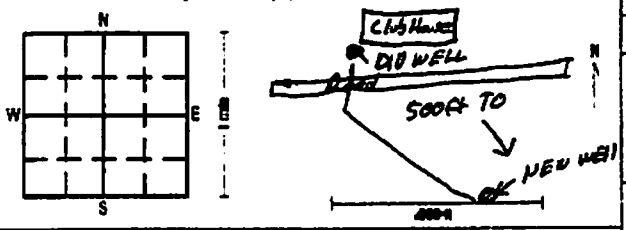
Property Owner Wapsi Golf + County Club Well Number 2
Address Golf Club Rd Independence IA
Tenant (319) 334-6576
Well Depth 230 ft Date completed 4 / 1 / 00

Location

County Buchanan

____ mi N/S and ____ mi E/W of intersection of ____ and ____
____ 1/4 of the SW 1/4 of the SE 1/4 of Sec 29 TWP 89 RNG 9 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) ____

Formation log

From	To	Color	Hardness	Formation description
0	2			Top soil
3	12	Red		Clay
13	64	Grey/Blue		Clay
65	69	Green		Clay
70	71	Tan	Coarse	Lime
72	73	Tan/Grey		Lime / Shale
74	80	Blue/Grey		Shale / Lime
81	84	Grey/White+Tan		Shale / Lime
85	96	Grey/White		Shale / Lime
97	102	Dk Grey/White		Shale / Lime
103	106	Grey		Lime
107	167	Tan		Lime
168	230	Grey		Lime

use additional sheets as needed

Remarks

(including depth of lost drilling fluids, materials, or tools)
72'- 50-60 spm Coarse out

Well use

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

Drill method

● rotary ☐ auger ☐ cable other ____

Hole size

10 inch from 0 ft to 167 ft
6 inch from 168 ft to 230 ft

hole size continued
____ inch from ____ ft to ____ ft
____ inch from ____ ft to ____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Size (ID/OD)	Type / Wt	Drive shoe (yes / no)	Depth top	Pitless adapter (yes / no) Depth bottom	Amount (length)
6 ID	A53B	+ 1		167	168
6"	Drive 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)
Bentonite	0	167	21 B

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 Air Surged 30 min
(pumped, airlifted, bailed) for ____ hrs at ____ GPM.

Pump installed? (yes / no)

Date 4 / 3 / 00
Installer's name OASIS - LUKE OGDEN
Type of pump Myers Depth to intake 160 ft
Pump diameter 3¾ Rated capacity 12 GPM

Water information

Aquifer: ☐ sand / gravel ● limestone ☐ sandstone
Main water-supply zone from 190 ft to 225 ft ☐ seepage well
Static water level 20 ft (below / above) GL: ● tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 160 ft below GL. ☐ tape ☐ airline ☐ E-line ● estimate
At yield of 20 GPM: ☐ orifice ☐ volumetric ☐ estimate
Measurements taken at ____ : ____ (AM / PM) Date ____ / ____ / ____

Water quality test? (yes / no)

Date tested 4 / 6 / 00
Tested by Manchester Milk LAB Chloride Level 8.24 ppm

Contractor

Contractor OASIS WELL
Address 1332 N. Franklin
Driller JEFF OGDEN Certification no. 40479

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

207971-00