WELL RECORD

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

PWTS Well No. 6 17 04

PWTS Permit No. _____

County Permit No. _____

Site identification

Property Owner CHIMNEY ROCK Other ID _____

Address _____

Tenant _____

Well Depth 266 ft Date completed 4 / 21 / 06

Location

County Allamakee

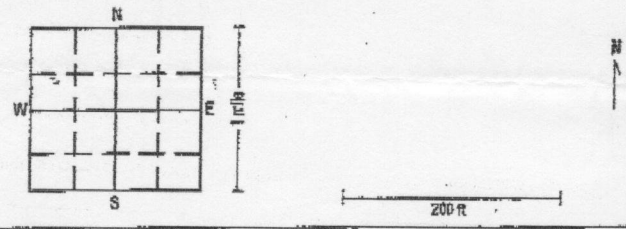
____ mi. N/S and ____ mi. E/W of intersection of _____ and _____

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

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.



☐ upland ☒ hillside ☐ valley ☐ level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	5'			TOPSOIL
5'	45'	BROWN	HARD	LIMEROCK
45'	68'	GREY	HARD	LIMEROCK
68'	115'	BROWN	HARD	LIMEROCK
115'	155'	BLUE	MED	SHALE
155'	190'	GREY	HARD	LIMEROCK
190'	205'	BLUE	MED	SHALE
205'	265'	WHITE	SOFT	SANDSTONE
265'	266'	BLUE	HARD	SHALE

use additional sheets as needed

Remarks (including depth of lost drilling fluids, materials, or tools)

Well use

☐ Domestic ☐ Livestock ☐ Test well
☐ Heat pump ☐ Municipal ☒ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other _____

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

12¼ inch from 0 ft to 40 ft
10 inch from 40 ft to 210 ft

hole size continued

6 inch from 210 ft to 266 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)
6.9 PVC	SDR 17	+12"	210'	211'

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes no) Placement method TREMIE

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	210	50 BGS

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 _____
(pumped airlifted bailed) for 1½ hrs at 45 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 205 ft to 265 ft ☐ seepage well
Static water level 79 ft (below / above) GL: ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 165 ft below GL: ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 30 GPM; ☐ orifice ☐ volumetric ☒ estimate for _____ hours
Measurements taken at ____ : ____ (AM / PM) Date ____ / ____ / ____

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

Tested by _____

Contractor B & B DRILLING
Address EDGEWOOD IA 52042
Driller JIM BUNTING Certification no. 1726

Send original form to: **Iowa Department of Natural Resources – Geological Survey**

Make photocopies for: **Well Contractor, Customer, and County Health Department**