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

WELL RECORD 58103

Permit No. _____

Site identification

Property Owner: Westcott Heights Well Number: 2
Address: OUT LOT E Part 3 Johnson Co.
~~Tenant~~: Roberts Ridge Rd
Well Depth: 450 ft Date completed: 10/23/03

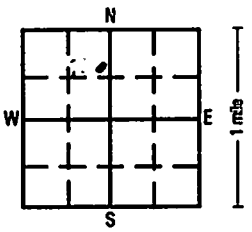
Location

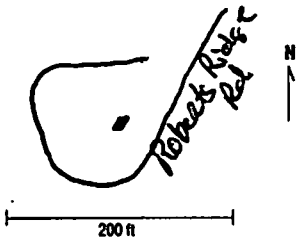
County: Johnson

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

NW 1/4 of the NE 1/4 of the SE 1/4 of Sec 27 TWP 80N RNG 6 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	15	Lt. Brn		Silty Clay
15	47	Lt. Brn.		Sandy Clay
47	118	Tan		Limestone
118	162	Dk. Gray		Limestone
162	177	Lt. Brn		Limestone
177	190	Dk. Gray		Limestone
190	220	White		Limestone
220	261	Gray		Limestone
261	299	Dk. Gray		Limestone
299	305	Dk. Gray		Shale
305	314	White		Limestone
314	396	Dk. Gray		Limestone
396	447	Tan		Limestone & Chert
447	450	Gry-Grn		Shale-Mag.

use additional sheets as needed

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

Well use

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

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

175 inch from 0 ft to 52 ft
13 inch from 52 ft to 210 ft

hole size continued: 8 inch from 210 ft to 450 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)
14		G.L.	52	52'
8 5/8		+2	210	212
6 5/8		291	314	23'

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)
Bensenal	0	47	
neat cement	47	210	

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 K-Packer depth 291 ft
Gravel packed (yes / no) from _____ ft to _____ ft
type _____ amount _____

Well developed? (yes / no)

Explain 440'-2hrs. 280'-2hrs. 200'-1hr
(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 210 ft to 450 ft ☐ seepage well
Static water level 126 ft (below / above) GL; ☐ tape ☐ airline ☒ E-line ☐ estimate
Pumping water level 200 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 60 GPM; ☐ orifice ☒ volumetric ☐ estimate
Measurements taken at ____:____ (AM / PM) Date 10/23/03

Water quality test? (yes / no)

Date tested ___/___/___
Tested by _____

Contractor Aquadrill
Address 717 E. Second Ave. Coralville, IA
Driller Matthew White Certification no. 40029

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