PWSID# 9233301

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

WELL RECORD 6 17 13

Permit No. 2006-227 W

Site identification

R.J. Billups Development Inc. South well

Property Owner Sunset Hills 2nd Addition Well Number 2

Address 24XX Hwy 22, Kalona IA 52247

Tenant

Well Depth 231 ft Date completed 3 / 15 / 06

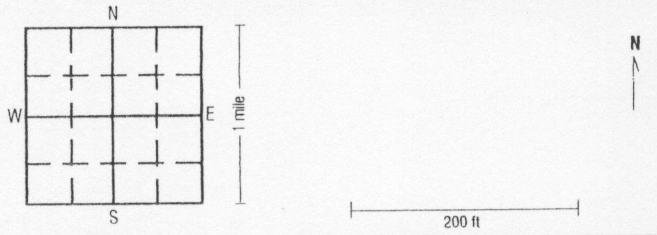
Location

County Washington

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

NE 1/4 of the SW 1/4 of the NW 1/4 of Sec 9 TWP 77 RNG 7 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	28	Yellow		Clay
28	36	SAND		
36	142	Blue		Clay
142	146			SAND
146	194	Blue		Clay
194	231			SAND

use additional sheets as needed

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

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 220 ft

6 inch from 220 ft to 231 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

Drive shoe (yes) no) Pitless adapter (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6" SDR 17	PVC	+1	220	221
5"	SCH40 S.S.	217	224	7

Perforated or slotted casing? (yes / (no))

Perforated / slotted from ___ ft to ___ ft

Perforated / slotted from ___ ft to ___ ft

Casing grouted? (yes / no) Placement method Hall, Buxton

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bensea	0	220	19 SACKS

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
5"	0.015	224	231	7	S.S.
	0.___				

Bottom capped (yes / no) with S.S.

Seals / Packers (yes / no) kind K depth 217 ft

Gravel packed (yes / no) from ___ ft to ___ ft

type ___ amount ___

Well developed? (yes / no)

Explain DR

(pumped, airlifted, bailed) for 2 hrs at 80 GPM.

Pump installed? (yes / no) Date ___ / ___ / ___

Installer's name

Type of pump Sub Depth to intake ___ ft

Pump diameter 4 Rated capacity ___ GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone

Main water-supply zone from 224 ft to 231 ft ☐ seepage well

Static water level 79 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 140 ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

At yield of 75+ GPM; ☐ orifice ☐ volumetric ☐ estimate

Measurements taken at 3 : 00 (AM / PM) Date 3 / 15 / 06

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

Tested by Hygeia LAB

Contractor

Contractor Gingerich Well

Address 1331 Hwy 1, Kalona IA 52247

Driller Joe Allen Certification no. 1035

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