

WELL RECORD

PWTS Permit No. _____

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

PWTS Well No. 1667301

County Permit No. _____

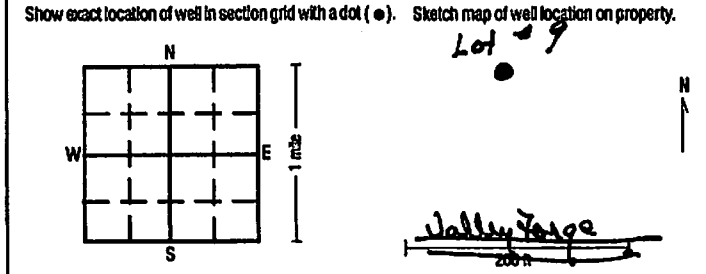
Site Identification

Property Owner Robert Wolfe Other ID _____
 Address 613 A Street Mt Vernon
 Tenant Yankee Grove #3
 Well Depth 250 ft Date completed 6/17/99

Location County Cedar

_____ mi. N and _____ mi. E of intersection of _____ and _____
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 18 TWP 22N RNG 4 E

GPS Coordinates (NAD83 datum only) decimal degrees:
 _____ N. Latitude _____ W. Longitude.



upland hillside valley level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	55	Red Tan	Soft	Clay
55	60	Tan	Soft	Sand
60	70	Red Tan	Soft	Clay
70	79	Tan	Soft	limestone
79	205	Tan	Med	limestone
205	250	White	Med	Limestone

Remarks (including depth of lost drilling fluids, materials, or tools)
Boulder - 67'

Well use

Domestic Heat pump Commercial
 Livestock Municipal Monitoring
 Test well Irrigation Other _____

Drill method rotary auger cable other _____

Hole size
 10 inch from 0 ft to 126 ft
 5 7/8 inch from 126 ft to 250 ft

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

Casing Drive shoe (yes) Pileless adapter (yes) no)

Size (ID/OD)	Type / WT	Depth top	Depth bottom	Amount (length)
6 ID	SAR 21	+ 2	126	128

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)
Quick Grout	0	126	8 bags

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 1 hrs at 757 GPM

Pump installed? (yes) no) Date 6/27/99

Installer's name Abushay + Son Well Drilling
 Type of pump Submersible Depth to intake 146 ft
 Pump diameter 4" Rated capacity 45 GPM

Water information Aquifer: sand / gravel limestone sandstone

Main water-supply zone from 205 ft to 250 ft seepage well

Static water level 65 ft (below / above) GL; tape airline E-line estimate

Pumping water level 80 ft below GL; tape airline E-line estimate

At yield of 75 GPM; orifice volumetric estimate for 1 hours

Measurements taken at 2:30 (AM PM) Date 6/17/99

Water quality test? (yes) no) Date tested 9/30/2000

Tested by Abushay + Son Well Service

Contractor Abushay + Son Well Drilling
 Address 1144 Club Rd, CR 52338
 Driller Donald Kasparek Certification no. 3366



Adams Ave

Well

N
S
E
W

Hwy 30