

Site identification
 Property Owner Paul Schuant Well Number 1
 Address 1831 Upper ave Williams Ia
 Tenant _____
 Well Depth 228 ft Date Completed 9 / 22 / 95

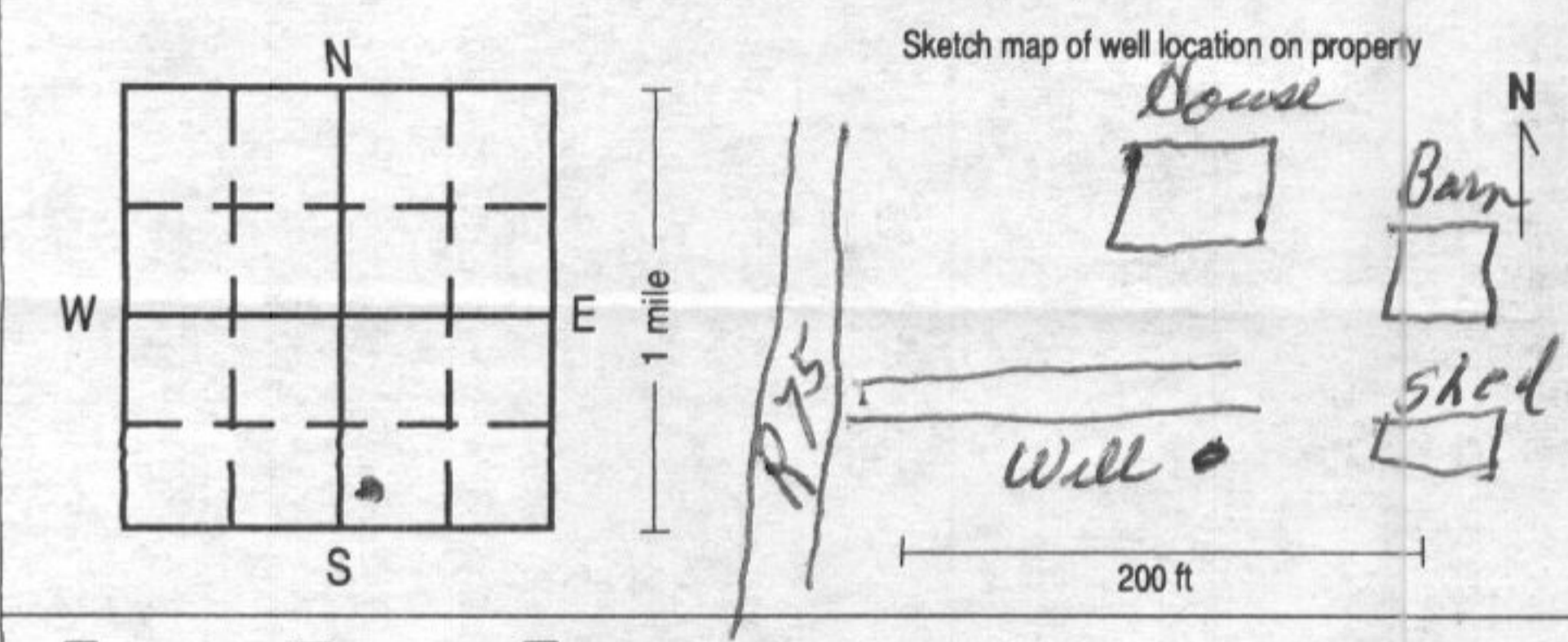
Drill method rotary auger cable other _____
Hole size
 10 inch from 0 ft to 199 ft
 5 7/8 inch from 199 ft to 228 ft
 hole size continued _____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ ft
 Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

OCT 2 1995
 GEOL. SURVEY

Location County HAMILTON
2 1/4 mi. N and _____ mi. E of intersection of D20 and R75
SW 1/4 of the SW 1/4 of the SE 1/4 of Sec 3 TWP 89 RNG 23 E W

Casing Drive shoe (yes/no) Pitless adaptor (yes/no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6 PVC	200 lb	1	199	200
4 1/2 PVC	160 lb	88	128	40
		188	228	40



Perforated or slotted casing? (yes/no) 213 -> 228 JG
 Perforated / slotted from 113 ft to 128 ft
 Perforated / slotted from _____ ft to _____ ft

upland hillside valley Elevation (if known) _____

Casing grouted? (yes/no)

Type	Depth Top	Depth Bottom	Amount
Bentonite	5	199	1750 lb

Formation log

From	To	Color	Hardness	Formation description
0	4			Top soil
4	13	yl		Clay
13	110	Grey		shale
110	127	Green		shale
127	135	Brown		shale
135	160	Black		shale
160	190	Grey		shale
190	203	Brown	med	Limestone
203	204	Brown	soft	sandstone
204	206	Grey		shale
206	207	Tan	med	Limestone
207	208	Grey		shale
208	221	Brown	med soft	sandstone
221	228	white	med	Limestone

Well screen? (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material

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 Compressor

Pump installed? (yes/no) Date 9 / 24 / 95
 Installer's name Bill Berman Well Co
 Type of pump Sub Depth to intake 108 ft
 Pump diameter 3 3/4 Rated capacity 10 to 12 GPM

Water information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 213 ft to 228 ft
 Final water level (static water level) 50 ft (below / above) GL.
 Pumping water level 108 ft below GL; tape airline E-line
 At yield of 30 GPM; orifice volumetric estimate Date 9-22-95

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

Water quality test? (yes/no) Date tested _____ / _____ / _____
 Tested by _____
 Test results _____

Well use
 Domestic Municipal Industrial
 Livestock Public Supply Monitoring
 Test Well Irrigation Other _____ (explain)

Contractor Bill Berman Well Co
 Address 2715 Fenton Ave Webster City Ia
 Driller Math Eallan Certification no. 40055