

Site identification
 Property Owner Elks Lodge Well Number _____
 Address 9018 Military Rd, Dubuque, IA
 Tenant _____
 Well Depth 515 ft Date Completed 10 / 25 / 95

Location County Dubuque
 _____ mi. N and _____ mi. E of intersection of _____ and _____
SW 1/4 of the SE 1/4 of the SW 1/4 of Sec 15 TWP 88 RNG 20 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	14	Brown		Clay
14	120	yellow	soft	Limestone
120	351			Shale
351	515			Galena Limerock
				Buff at 360

use additional sheets as needed

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

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

Drill method rotary auger cable other _____
Hole size
 12 inch from 0 ft to 20 ft hole size continued
 6 inch from 388 ft to 514 ft
 10 inch from 20 ft to 388 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 adaptor (yes/no) _____

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6	Steel	+2	388	390

Perforated or slotted casing? (yes/no)
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Type	Depth Top	Depth Bottom	Amount
New cement	0	388	125 sacks 1 sack dry Bent.

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 lift: 20 gpm at 440'

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 _____ ft to _____ ft
 Final water level (static water level) 364 ft (below/above) GL.
 Pumping water level 440 ft below GL; tape airline E-line
 At yield of 20 GPM; orifice volumetric estimate Date _____

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

Contractor Shawver Well Co., Inc.
 Address Fredericksberg, IA 50630
 Driller Dave Halweg Certification no. 40162