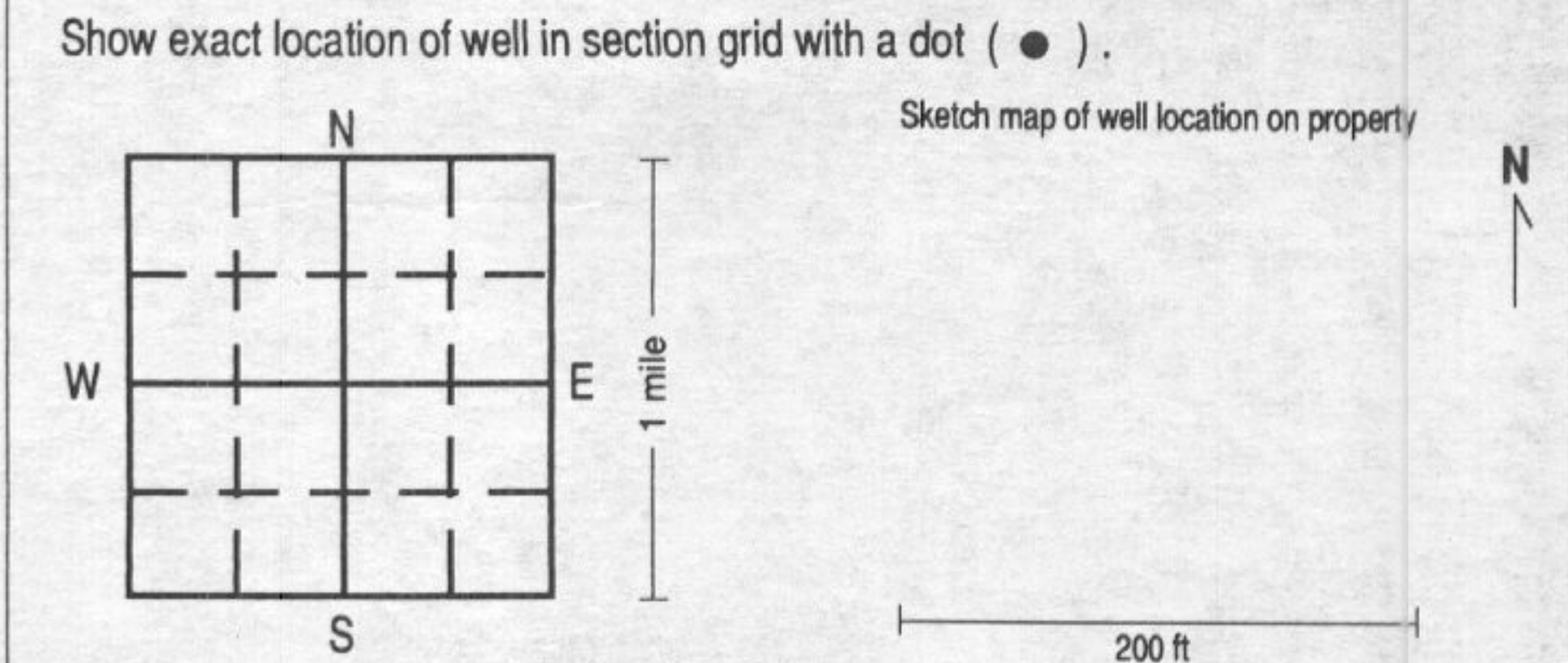


Site identification
 Property Owner Loras Simon Well Number _____
 Address 2076-235th St., Bernard
 Tenant Customer: Dan Callahan
 Well Depth 215 ft Date Completed 07/14/97

Drill method rotary auger cable other _____
Hole size
 12¹/₄ inch from 0 ft to 32 ft hole size continued 6¹/₄ inch from 32 ft to 215 ft
 9⁷/₈ inch from 32 ft to 132¹/₂ ft _____ inch from _____ ft to _____ ft

Location County Jones
 _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ E
 W

Casing Drive shoe (yes/no) Pitless adaptor (yes/no)
 Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)
7" Steel +1¹/₂' 132¹/₂' 134'



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

upland hillside valley Elevation (if known) _____

Casing grouted? (yes/no)
 Type Depth Top Depth Bottom Amount
Benseal 0" 132¹/₂" 12 sacks
Holeplug _____ _____ 4 sacks

Formation log

From	To	Color	Hardness	Formation description
0'	28'	Brown		Clay
28'	97'	Yellow		Limerock
97'	123'	Gray		Limerock
123'	155'	Gray - Brown		Limerock
155'	178'	Gray		Limerock
178'	208'	Brown-Gray		Limerock
208'	215'	Blue		Shale

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: 15 GPM at 135'

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) 98 ft (below / above) GL.
 Pumping water level 135 ft below GL; tape airline E-line
 At yield of 15 GPM; orifice volumetric estimate Date _____

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 Shawyer Well Company, Inc.
 Address Fredericksburg, IA 50630
 Driller Dave Halweg Certification no. 40162