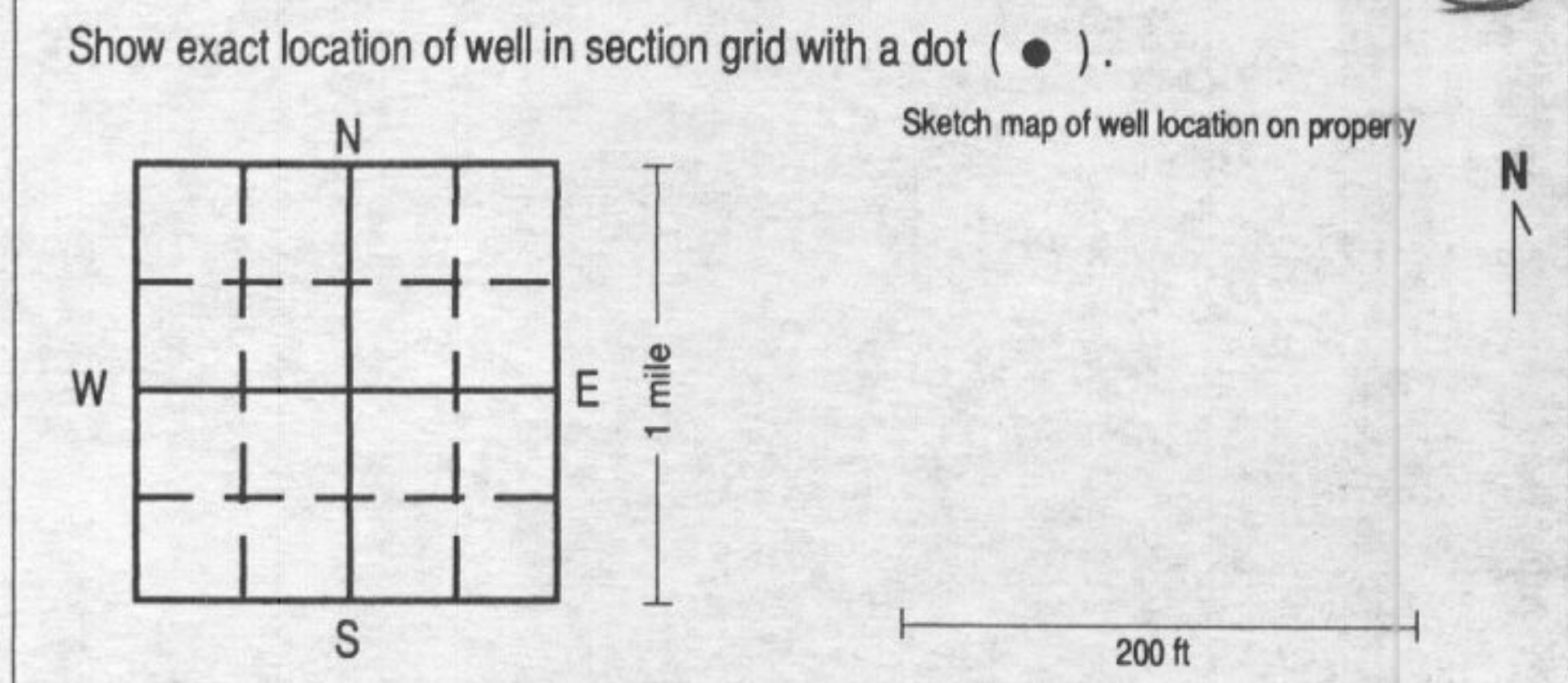


Site identification
 Property Owner Dean Theis Well Number _____
 Address 3790 Walnut Avenue,
 Tenant Osage
 Well Depth 340 ft Date Completed 07, 16, 97

Location County Mitchell
 _____ mi. N and _____ mi. E of intersection of _____ and _____
SE 1/4 of the SE 1/4 of the SW 1/4 of Sec 14 TWP 98 RNG 15 E
 W



upland hillside valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0'	12'	Brown		Topsoil, Clay
12'	104'	Blue		Clay
104'	187'			Limerock
187'	213'	Gray		Shale
213'	216'		soft	Rock
216'	340'			Limerock

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
 1 1/4 inch from 0 ft to 20 ft hole size continued
 7/8 inch from 104 ft to 216 ft
 9/8 inch from 20 ft to 104 ft 6/8 inch from 216 ft to 340 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)
7"	Steel	+2'	216'	218'

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
Benseal	0'	216'	10 sacks
Neat Cement			14 sacks

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
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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: 50 GPM at 135'
40 GPM at 110'

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) 58 ft (below / above) GL.
 Pumping water level 140 ft below GL; tape airline E-line
 At yield of 50 GPM; orifice volumetric estimate Date _____

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

Contractor Shawver Well Company, Inc.
Address Fredericksburg, IA 50630
Driller Neil Brandenburg Certification no. 40120