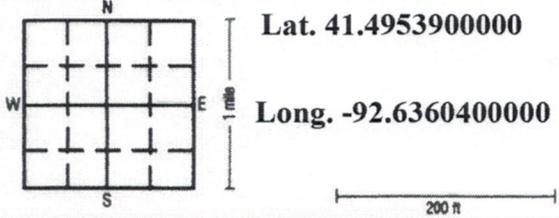


WELL RECORD

Permit No. ?

Site identification
 Property Owner City of New Sharon Well Number 3
 Address 101 S Main St.
 Tenant _____
 Well Depth 63 ft Date completed 8 / 28 / 89

Location County Mahaska
 _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
 _____ mi. ^S and _____ mi. ^W
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ 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	11	BL		Top soil
11	16	Gray	fine	Sand
16	21	Gray		Sand & Gravel
21	26	Gray	Med	Clay & sand
26	40	Gray		Clay
40	63			Sand & Gravel
	63			Limestone

use additional sheets as needed

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

Well use

<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Municipal	<input type="checkbox"/> Commercial
<input type="checkbox"/> Livestock	<input type="checkbox"/> Public supply	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test well	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Other _____

(explain)

Drill method rotary auger cable other _____
Hole size
42 inch from 0 ft to 63 ft
 _____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ ft
 Note size continued _____ inch from _____ ft to _____ ft

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

Casing Drive shoe (yes/no) _____ Piless adapter (yes/no) _____

Size (ID/OD)	Type / WT	Depth top	Depth bottom	Amount (length)
12 ID	CS .375	+10'	46'	56

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

Casing grouted? (yes/NoX) _____ Placement method Pumped

Type	Depth Top	Depth bottom	Amount (vol/wt)
C150	0'	36'	50 CU FT

Well screen? (yes/XNo)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
12"	0.045	46'	63'	17'	SS

Bottom capped (yes/XNo) with SS plate
 Seals / Packers (yes/NoX) kind Bentonite depth 10 to 15 ft
 Gravel packed (yes/NoX) from 15 ft to 63 ft
 type Northern amount #1 Pack

Well developed? (yes/NoX) _____
 Explain Surged and pumped
 (pumped, airlifted, bailed) for 24 hrs at 185 GPM.

Pump installed? (yes/NoX) _____ Date 8 / 10 / 89
 Installer's name Northway Well & Pump Co
 Type of pump Submersible Depth to intake 60 ft
 Pump diameter 6" Rated capacity 150 GPM

Water information Aquifer: sand / gravel limestone sandstone
 Main water-supply zone from 40 ft to 63 ft seepage well
 Static water level 14 ft (below / above) GL; tape airline E-line estimate
 Pumping water level 47 ft below GL; tape airline E-line estimate
 At yield of 160 GPM; orifice volumetric estimate
 Measurements taken at 6 : 00 (X)AM / PM Date 8 / 21 / 89

Water quality test? (yes/XNo) _____ Date tested 1 / 4 / 89
 Tested by UHL

Contractor Northway Well & Pump Co.
 Address 100 N 6th St
 Driller _____ Certification no. _____