

WELL RECORD

34993

Permit No. 2001-257W

Site identification

Property Owner City of Sheldon Well Number 2001-1

Address P.O. Box 176, Sheldon IA 51201

Tenant _____

Well Depth 29 ft Date completed 1 / 11 / 02

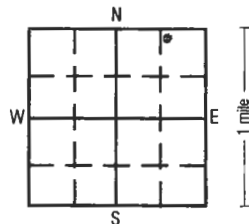
Location

County O'Brien

1 mi. ^N_S and 1.5 mi. ^E_W of intersection of Hwy 19 and Hwy 60

NN 1/4 of the NE 1/4 of the NE 1/4 of Sec 29 TWP 97N RNG 42 ^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) 1404 feet

Formation log

From	To	Color	Hardness	Formation description
0	5	Brown		Clay
5	6	Gray		Fine sand
6	11	Black		Clay
11	25	Gray		Coarse sand
25	28	Brown		Sand/gravel w/boulders
28	29	Brown		Sandy clay

use additional sheets as needed

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

Well use

- ☐ Domestic ☒ Municipal ☐ Commercial
☐ Livestock ☒ Public supply ☐ Monitoring
☐ Test well ☐ Irrigation ☐ Other _____

(explain)

Drill method

☐ rotary ☐ auger ☐ cable other Reverse

Hole size

36 inch from 0 ft to 29 ft
 _____ inch from _____ ft to _____ ft

hole size continued

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

Casing

Drive shoe (yes ☒ no ☐) Pitless adapter (yes ☒ no ☐)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
18"	5+ 70.59	+7	23	30

Perforated or slotted casing? (yes ☒ no ☐)

Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes ☒ no ☐)

Placement method Flow

Type	Depth Top	Depth bottom	Amount (vol/wt)
1 in. cement	0	22	4.5 yd ³

Well screen? (yes ☒ no ☐)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
18	0.090	23	28	5	S.S.
0.---					

Bottom capped (yes ☒ no ☐) with S.S. plate

Seals / Packers (yes ☒ no ☐) kind _____ depth _____ ft

Gravel packed (yes ☒ no ☐) from 22 ft to 28 ft

type NGC #3 amount 2 Ton

Well developed? (yes ☒ no ☐)

Explain Surge + bail

(pumped, airlifted, bailed) for _____ hrs at _____ GPM.

Pump installed? (yes ☒ no ☐)

Date 1 / 11 / 02

Installer's name Dennis Mohr

Type of pump Vertical Turbine Depth to intake 26 ft

Pump diameter 8" Rated capacity 225 GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone

Main water-supply zone from 23 ft to 28 ft ☐ seepage well

Static water level 12 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 21 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

At yield of 150 GPM; ☒ orifice ☐ volumetric ☐ estimate

Measurements taken at _____ (AM / PM) Date _____ / _____ / _____

Water quality test? (yes ☒ no ☐)

Date tested _____ / _____ / _____

Tested by collected from test wells before construction

Contractor Layne-Webern

Address 1700 Hwy 275 Valley, WI 53064

Driller Sherman Certification no. 40647