

WELL RECORD

51252

Permit No. 99-223-W

Site identification
 Property Owner Osceola County RWS Well Number D-3
 Address 2270 Walnut Avenue, P.O. Box 37
 Tenant May City, IA 51349-0037
 Well Depth 75 ft Date completed 12 / 3 / 99

Location County Osceola
 _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
SW 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 8 TWP 98 RNG 39 ^E
 Show exact location of well in section grid with a dot (●). Sketch map of well location on property.

upland hillside valley Elevation (if known) 1,440'

Formation log

From	To	Color	Hardness	Formation description
0	1			Clay
1	16			Sand + Gravel
16	18			Cobbles
18	75			Sand + Gravel
75	80			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
40 inch from 0 ft to 75 ft hole size continued _____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ 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 adapter (yes no)
 Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)
14" ST 54.57 lb/ft +1' 55 56'

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

Casing grouted? (yes no) Placement method _____
 Type Depth Top Depth bottom Amount (vol/wt)
Next Cement 5' 20' 2.5 yd³

Well screen? (yes no)
 Diameter Slot size Depth Top Depth Bottom Length Material
14" 0.070 55 75 20 S.S.
 0._____
 Bottom capped (yes no) with S.S. Plate
 Seals / Packers (yes no) kind _____ depth _____ ft
 Gravel packed (yes no) from 20 ft to 75 ft
 type Northern #2 amount 25 Ton

Well developed? (yes no)
 Explain Surge + Bail
 pumped airlifted, bailed for 4 hrs at Various GPM.

Pump installed? (yes no) Date 12 / 3 / 99
 Installer's name Dennis Mohr
 Type of pump Submersible Depth to intake 45 ft
 Pump diameter 8 Rated capacity 500 gpm @ 150' GPM

Water information Aquifer: sand / gravel limestone sandstone
 Main water-supply zone from 55 ft to 75 ft seepage well
 Static water level 11 ft (below above) GL; tape airline E-line estimate
 Pumping water level 18 ft below GL; tape airline E-line estimate
 At yield of 500 GPM; orifice volumetric estimate
 Measurements taken at _____: _____ (AM / PM) Date _____ / _____ / _____

Water quality test? (yes no) Date tested 6 / 24 / 99
 Tested by Hygienic Lab Sample #9957363

Contractor Layne-Western
 Address 25450 Hwy 275
 Driller A. Sherman Certification no. 40555