

Site identification WL19
 Property Owner Oscoda Crews Well Number D-4
 Address P.O. Box 37 May City, Iowa 51349
 Tenant _____
 Well Depth 53 ft Date completed 8/25/09

Drill method rotary auger cable other Bucket ASS.

Hole size
 30 inch from 0 ft to 30 ft hole size continued _____ inch from _____ ft to _____ ft
 20 inch from 30 ft to 53 ft _____ inch from _____ ft to _____ ft

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

Location County Oscoda Co.
1/2 mi. ^N and 2 mi. ^E of intersection of A34 and M12
SW 1/4 of the NW 1/4 of the NW 1/4 of Sec 8 TWP 98-N RANG 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) _____

Formation log

From	To	Color	Hardness	Formation description
0	5	Black		Sand
5	15	Brown		Gravel
15	30			CLAY
30	48	Grey		Sand
48	53			Coarse Gravel

Casing Drive shoe (yes/no) _____ Pileless adapter (yes/no) _____
 Size (ID/OD) Type/Wt Depth top Depth bottom Amount (length)
12 Steel +1 41 41

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)
Bentonite 7 30' 23'

Well screen? (yes/no)
 Diameter Slot size Depth Top Depth Bottom Length Material
12 0.020 41 53 12 SS
0 _____

Bottom capped (yes/no) with SS Plate
 Seals/Packers (yes/no) kind _____ depth _____ ft
 Gravel packed (yes/no) from 38 ft to 53 ft
Mycatone type 1/4x1/8 amount 15

Well developed? (yes/no)
 Explain Submersible
 (pumped, airlifted, bailed) for 2 1/2 hrs at 480 GPM.

Pump installed? (yes/no) Date 1/1
 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 seepage well
 Static water level 9'8" ft (below/above) GL; tape airline E-line estimate
 Pumping water level 23'3" ft below GL; tape airline E-line estimate
 At yield of 480 GPM; orifice volumetric estimate - meter
 Measurements taken at 12:00 (AM/PM) Date 9/29/09

Water quality test? (yes/no) Date tested 9/29/09
 Tested by Oscoda

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

Well use
 Domestic Municipal Commercial
 Livestock Public supply Monitoring
 Test well Irrigation Other _____ (explain)

Contractor Lacey Well Drilling
 Address 47582 240th St. Dell Rapids, SD 57009
 Driller James Lacey Certification no. 3580