

**Site identification**  
 Property Owner Osceola RW Well Number S-1  
 Address Box 37 May City, Iowa 51349  
 Tenant \_\_\_\_\_  
 Well Depth 37 ft Date completed 11/10/10

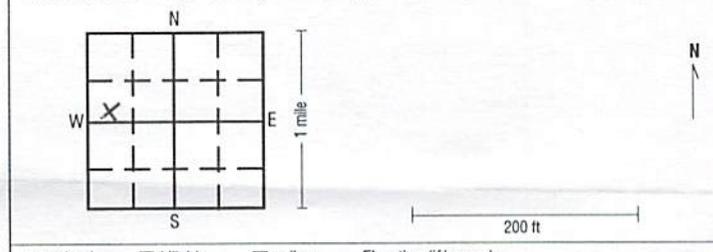
**Drill method**  rotary  auger  cable other Bucket  
**Hole size**  
 20 inch from 0 ft to 37 ft  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Location** County OSCEOLA  
1/2 mi. N and 1/4 mi. E of intersection of A48 and M18  
nw 1/4 of the sw 1/4 of the sw 1/4 of Sec 27 TWP 98N RANG 39 E

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

**Casing** Drive shoe (yes/no) \_\_\_\_\_ Pitless adapter (yes/no) 6' 6" bung

| Size (ID/OD) | Type / Wt | Depth top | Depth bottom | Amount (length) |
|--------------|-----------|-----------|--------------|-----------------|
| 12"          | Steel     | -1'       | 37'          | 25'             |



**Perforated or slotted casing?** (yes/no) \_\_\_\_\_

Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Formation log**

| From | To | Color | Hardness | Formation description |
|------|----|-------|----------|-----------------------|
| 0    | 2  |       |          | Topsoil               |
| 2    | 37 |       | Coarse   | Gravel                |

**Casing grouted?** (yes/no) \_\_\_\_\_ Placement method tremie

| Type      | Depth Top | Depth bottom | Amount (vol/wt) |
|-----------|-----------|--------------|-----------------|
| Bentonite | -1        | 20'          | Heavy           |

**Well screen?** (yes/no) \_\_\_\_\_

| Diameter | Slot size | Depth Top | Depth Bottom | Length | Material |
|----------|-----------|-----------|--------------|--------|----------|
| 12"      | 0.060     | 20'       | 37'          | 10     | SS       |
|          | 0.---     |           |              |        |          |

Bottom capped (yes/no) \_\_\_\_\_ with \_\_\_\_\_  
 Seals / Packers (yes/no) \_\_\_\_\_ kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no) \_\_\_\_\_ from 20' ft to 37' ft  
3/16" #10 type MUSCATINE amount 217

**Well developed?** (yes/no) \_\_\_\_\_  
 Explain Air surged + pumped  
 (pumped, airifted, bailed) for 4 hrs at 400 GPM.

**Pump installed?** (yes/no) \_\_\_\_\_ Date 11/10/10  
 Installer's name Lacey Well Drilling Co James Lacey  
 Type of pump Grundfos 475S-300 Depth to intake 32' ft  
 Pump diameter 6" Rated capacity 475 GPM

**Water information** Aquifer:  sand / gravel  limestone  sandstone  
 Main water-supply zone from 3 ft to 37 ft  seepage well  
 Static water level 38 ft (below / above) GL;  tape  airline  E-line  estimate  
 Pumping water level 28 ft below GL;  tape  airline  E-line  estimate  
 At yield of 400 GPM;  orifice  volumetric  estimate Flowmeter  
 Measurements taken at 1:00 (AM/PM) Date 6/24/10

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

**Water quality test?** (yes/no) \_\_\_\_\_ Date tested 6/24/10  
 Tested by Self - Osceola RW

**Well use**

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

(explain)

Contractor Lacey Well Drilling Co James Lacey  
 Address 47582 240th St. Dell Rapids SD 57022  
 Driller James Lacey Certification no. 40228

