

#10

WELL RECORD

Permit No. _____

56787

Site identification
 Property Owner Lyon Sidney RW Well Number #10
 Address Box 309 Rock Rapids, Iowa 51246
 Tenant manager Reed Grading
 Well Depth 33'6" ft Date completed 11/18/02

Drill method rotary auger cable other Bucket

Hole size
 20 inch from 0 ft to 33'6 ft ~~24~~ inch from ~~12~~ ft to ~~33'6"~~ 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) 12 Type / Wt 50 Depth top +1 Depth bottom 826" Amount (length)

Perforated or slotted casing? (yes/no)
 Perforated / slotted from 8'6" ft to 33'6" ft

Casing grouted? (yes/no) Placement method tremied
 Type Cement Depth Top 2' Depth bottom 23' Amount (vol/wt) 21'

Well screen? (yes/no)
 Diameter 12 Slot size 0.100 Depth Top 26 Depth Bottom 33'6" Length 7 1/2 Material STAINLESS STEEL

Bottom capped (yes/no) with SS Bottom Welded plate
 Seals / Packers (yes/no) kind _____ depth _____ ft
 Gravel packed (yes/no) from 23 ft to 33'6" ft
1/4 x 1/8 type Musatine amount 10'6"

Well developed? (yes/no)
 Explain pumped
 (pumped, airfitted, bailed) for 4 hrs at 300 GPM.

Pump installed? (yes/no) Date ____/____/____
 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 10 ft to 33'6" ft seepage well
 Static water level 10' ft (below / above) GL; tape airline E-line estimate
 Pumping water level 15' ft below GL; tape airline E-line estimate
 At yield of 300 GPM; orifice volumetric estimate
 Measurements taken at 11:00 (AM/PM) Date 11/18/02

Water quality test? (yes/no) Date tested 11/18/02
 Tested by Lyon-Sidney RW

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 57202
 Driller John J Lacey Certification no. 40526