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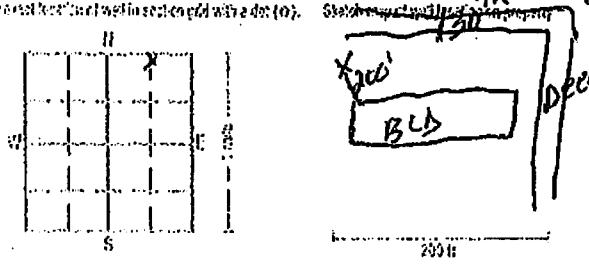
WELL RECORD PUBLIC #2

Permit No. 2010-0254W

Iowa Department of Natural Resources Geologic Survey Bureau
1000 State Building Iowa City, IA 52242-1319 PH (515) 335-1

Site Identification
 Property Owner: HAWKEYE PRADE FEE Well Number: 4109101
 Address: 241 ST ANDREAS WAY STANLEY IA
 Location: STANLEY
 Well Depth: 150 ft Date completed: 9/2/10

Location
 County: HAWKEYE
 Intersection of DEER and 130th
 NW 1/4 of the NE 1/4 of the NE 1/4 of Sec 71 TWP 94 R15 26



Material Drifts Valley (Number follows)

Formation log

From	To	Color	Hardness	Formation description
0	3	BLK	SOFT	TOPSOIL
3	14	BRN	"	SANDY CLAY
14	88	BRN	"	"
88	90	BRN	"	"
90	108	BRN	MED	LOOSE BROKEN LIMP STONE
108	123	BRN	HARD	LIMESTONE
123	138	BRN	"	LOOSE LIMESTONE
138	150	BRN	"	LIMESTONE

Remarks (including copy of test drilling logs, materials, or tools)

Well use
 Domestic
 Livestock
 Test well
 Municipal public supply
 Irrigation
 Commercial
 Manure
 Other

Drill method Rotary Auger Cable Other
 Hole size
 12 inch from 0 ft to 120 ft
 8 inch from 120 ft to 150 ft

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

Casing Size (OD)	Type / VA	Depth top	Depth bottom	Amount (length)
8"	STEEL	72	120	122
6"	STEEL	120	150	30

Perforated or slotted casing? Yes (no)
 from 120 ft to 150 ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? Yes (no) Placement method TRENCH

Type	Depth Top	Depth bottom	Amount (vol/wt)
UGR CEMENT	110	120	5 YARDS 500 LBS
BENTON	20	110	26 BARS 150 LBS
WALL SCREEN? (yes/no)	0	20	14 BARS

Bottom capped (yes/no) with _____
 Seals / Packers (yes/no) Kind _____ depth _____ ft
 Gravel packed (yes/no) from _____ ft to _____ ft
 type _____ amount _____

Well developed? Yes (no)
 Explain: (pumped, drilled, used) for 24 hrs at 150 GPM

Pump installed? Yes (no)
 Installer's name: MOORE WATER CO
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ Rated capacity _____ GPM

Water information Aquifer: sand/gravel limestone sandstone
 Main water supply zone from 120 ft to 150 ft seepage well
 Static water level 27 ft (above/below) GL: tape sonic float estimate
 Pumping water level 80 ft below GL tape sonic float estimate
 A yield of 150 GPM: once volumetric estimate
 Measurements taken at 1 (All) Date 9/2/10

Water quality test? Yes (no) Date tested _____
 Test by _____

Contractor MOORE WELL CO
 Address: PO BOX 107 COLLEGE IA
 Driver: John C Certification no 1887

