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WELL RECORD

PWTS Permit N 5331202

Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

PWTS Well No.: _____

County Permit No 2014-0336W

Site Identification

Property Owner: LANGWORTHY FARMERS MARKET Other ID: _____Address 17442 LANGWORTHY RD. MONTICELLO, IA 52310

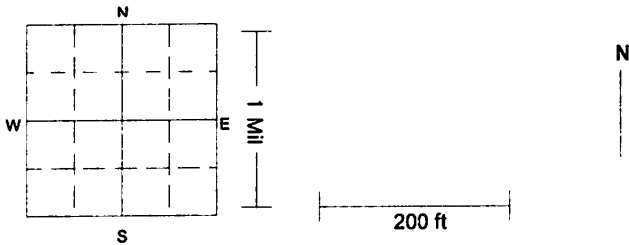
Tenant _____

Well Depth: 195 ft Date Completed: 6/13/2014Location County JONES COUNTY ENVIRONMENTAL____ mi. ^N/_S and ____ mi. ^E/_W of intersection of _____ and _____
1/4 of the 1/4 of the 1/4 of Sec 8 TW 85 RN 3W ^E/_W

GPS Coordinates (NAD83 datum only) decimal degrees:

____ N. Latitude _____ W. Longitude.

Show exact location of well in section grid with a dot (+). sketch map of well location on property.


☐ upland ☐ hillside ☐ valley ☒ level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	8	YELLOW	SOFT	SANDY CLAY
8	65	BLUE	SOFT	CLAY
65	72	GREY	SOFT	COARSE SAND
72	125	BLUE	SOFT	CLAY
125	195	TAN	FIRM	LIMESTONE

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

Well use

☐ Domestic ☐ Heat Pump ☐ Commercial ☐ Monitoring
☐ Livestock ☐ Municipal ☐ Public Supply ☐ Other _____
☐ Test Well ☐ Irrigation
Drill method ☒ rotary ☐ auger ☐ cable other _____

Hole size

12	inch	from	0	ft	t	130	ft	inch	from	ft	t	ft
6	inch	from	130	ft	t	195	ft	inch	from	ft	t	ft

Casing

☒ Drive shoe ☐ Pitless adaptor

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
6"	STEEL	+1	130	131

Perforated or slotted casing?

☐ Perforated ☐ Slotted from _____ ft t _____ ft
☐ Perforated ☐ Slotted from _____ ft t _____ ft
Casing grouted? ☒ Grouted Placement method: TRIMMIE

Type	Depth top	Depth bottom	Amount (vol/wt)
TYPE I	0	130	70 BAGS

Well Screen? ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped ☐ with
 Seals/Packers ☐ kind _____ depth _____ ft
 Gravel packed ☐ from _____ to _____ ft
 type _____ amount _____
Well developed? ☒ Well DevelopedExplain WITH AIR
☐ pumped ☒ airlifted ☐ bailed for _____ 2 hrs at 50 GPM
Pump Installed? ☐ Pump Installed Date _____

Installer's Name _____

 Type of Pump _____ Depth to Intake _____ ft
 Pump diameter _____ Rated Capacity GPM _____ GPM

 Water information ☐ Sand/gravel ☒ Limestone ☐ Sandstone
 Main water-supply zone 1 from 135 ft to 195 ft ☐ seepage well
 Main water-supply zone 2 from _____ ft to _____ ft

 Static water level 34 ft (below/above) G ☒ tap ☐ airline ☐ E-line ☐ estimate
 Pump water level 100 ft (below GL) ☐ tape ☐ airline ☐ E-line ☒ estimate

 At yield of 20 GPM ☐ Orifice ☐ Volumetric ☒ Estimate for _____ 2 hours
 Measurement taken at 1:00:00 PM Date 6/13/2014
Water quality test? ☐ Date _____

Tested by _____

 Contractor name GINGERICH WELL PUMP SERVICE, LLC
 Address 1331 HWY 1, KALONA, IA 52246
Driller Joe Allen Certification no. 1035