

WELL RECORD

68543

PWTS Permit N 20100015Iowa 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 _____

Site Identification

Property Owner: PRAIRIE VIEW ESTATES WELL #10 Other ID: _____

Address IOWA CITY, IA 52240

Tenant _____

Well Depth: 415 ft Date Completed: 1/18/2010

Location County JOHNSON COUNTY HEALTH DEPT.

_____ mi. ^N/_S and _____ mi. ^E/_W of intersection of _____ and _____

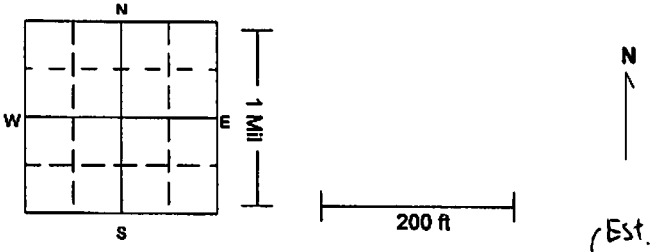
1/4 of the _____ 1/4 of the _____ 1/4 of the _____ Sec 35 TW 80N RN 6W E/W

GPS Coordinates (NAD83 datum only) decimal degrees:

41.6929 N. Latitude -91.5122 W. Longitude.

*Latitude estimated as center of section - JV 3/10

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) 664'

Formation log

From	To	Color	Hardness	Formation description
0	18	YELLOW	SOFT	CLAY
18	36	YELLOW	SOFT	SAND
36	46	BLUE	SOFT	CLAY
46	67	GRAY	HARD	LIMESTONE
67	121	TAN	HARD	LIMESTONE
121	240	GRAY	FIRM	LIMESTONE
240	405	LT GRAY	SOFT	LIMESTONE
405	410	GREEN	SOFT	MAQ SHALE

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

Well use

<input type="checkbox"/> Domestic	<input type="checkbox"/> Heat Pump	<input type="checkbox"/> Commercial
<input type="checkbox"/> Livestock	<input type="checkbox"/> Municipal	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test Well	<input checked="" type="checkbox"/> Public Supply	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Irrigation	

Drill method rotary auger cable other _____

Hole size

18 inch from <u>0</u> ft to <u>46</u> ft	8 inch from <u>218</u> ft to <u>415</u> ft
14 inch from <u>46</u> ft to <u>218</u> ft	inch from _____ ft to _____ ft

Casing Drive shoe (yes/no) _____ Pitless adaptor (yes/no) _____

Size (ID/OD)	Type/Wt	Depth top	Depth bottom	Amount (length)
9	PVC18	1	218	219
6	PVC21	215	250	35

Perforated or slotted casing? Perforated casing Slotted casing

Perforated Slotted from _____ ft to _____ ft

Perforated Slotted from _____ ft to _____ ft

Casing grouted? Grouted Placement method: TRIMMIE

Type	Depth top	Depth bottom	Amount (vol/wt)
BENSEAL	0	160	20 BAGS
TYPE II CEMEN	160	218	30 BAGS

Well Screen? Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped with _____

Seals/Packers kind RUBBER depth 215-218 ft

Gravel packed from _____ to _____ ft

type _____ amount _____

Well developed? Well Developed

Explain _____

pumped airlifted bailed for 2 hrs at _____ 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 from 265 ft to 400 ft seepage well

Static water level 85 ft (below/above) G tap airline E-line estimate

Pump water level 170 ft (below GL) tape airline E-line estimate

At yield of 60 GPM: Orifice Volumetric Estimate for 2 hours

Measurement taken at 3:00:00 PM Date 1/18/2010

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