5/22/2010 Gingerich Well & Pump

WELL RECORD 72342

PWTS Permit N _____

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 2009-0299W

Site Identification

Property Owner: CITY OF ALBURNETT Other ID: _____

Address 26XX ROOSEVELT ST, ALBURNETT, IA 52202

Tenant _____

Well Depth: 400 ft Date Completed: 5/10/2010

Location

County LINN COUNTY

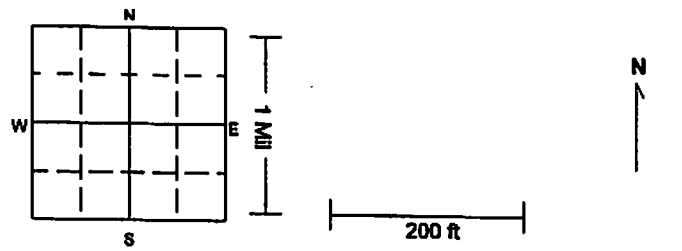
____mi. N/S and ____mi. E/W of intersection of _____ and _____

SE 1/4 of the NW 1/4 of the NW 1/4 of Sec 26 TW 85N RN 7W E/W

GPS Coordinateds (NAD83 datum only) decimal degrees:

_____ N. Latitude _____ W. Longitude.

Show exat 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	25	YELLOW		CLAY
25	68	BLUE		CLAY
68	75	BROWN		LIMESTONE
75	85	GRAY		LIMESTONE
85	90	WHITE		LIMESTONE WITH SHALE
90	105			
105	110	ROSE		LIMESTONE
110	198	BROWN &		LIMESTONE
198	290	LT BROWN		LIMESTONE
290	340	GRAY		LIMESTONE
340	398	LT TAN		LIMESTONE
398	400	GREEN		SHALE

Remarks (including depth of lost drilling fluids, materials, or tools)
WATER QUALITY TESTS BY HYGIENIC LAB.

Well use
☐ Domestic ☐ Livestock ☐ Test Well
☐ Heat Pump ☐ Municipal ☑ Public Supply ☐ Irrigation
☐ Commerical ☐ Monitoring ☐ Other _____

Drill method ☑ rotary ■ auger ■ cable other _____

Hole size

21	inch	from	0 ft	t	60 ft	9 7/8	inch	from	210 ft	t	400 ft
15	inch	from	60 ft	t	210 ft		inch	from	ft	t	ft

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

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
16 OD.375	STEEL	0	60	60
10 ID.365	STEEL	1	210	211

Perforated or slotted casing? ☐ Perforated casing ☐ 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)
CEMENT	0	60	60 BAGS
CEMENT	0	210	161 BAGS

Well Screen? ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Lenght	Material

Bottom Capped ☐ with
Seals/Packers ☐ kind depth ft
Gravel packed ☐ from to ft
type amount

Well developed? ☑ Well Developed

Explain AIR JETS

☐ pumped ☑ airlifted ☐ bailed for 4 hrs at 200 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 300 ft to 350 ft ☐ seepage well
Static water level 25 ft (below/above) G ☑ tape ☐ airline ☐ E-line ☐ estimate
Pump water level 58 ft (below GL ☐ tape ☐ airline ☐ E-line ☑ estimate
At yield of 190 GPM: ☐ Orifice ☐ Volumetric ☑ Estimate for 24 hours
Measurement taken at 3:45:00 PM Date 5/21/2010

Water quality test? ■ Date
Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC
Adress 1331 HWY 1, KALONA, IA 52247
Driller KLINT GINGERICH Certification no. 2639

Send original form t Iowa Department of Natural Resouces-Geological Survey

Make photocopies for Well Contractor, and County Health Department