12/27/2010 Johnson Water Equipmen

WELL RECORD 73318

PWTS Permit N 8285200

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 2011-047W

Site identification

Property Owner: IOWA 80 GROUP INC. Other ID: _____

Address 515 STERLING DRIVE, WALCOTT, IA 52773

Tenant _____

Well Depth: 400 ft Date Completed: 12/20/2010

Location County SCOTT COUNTY HEALTH DEPT

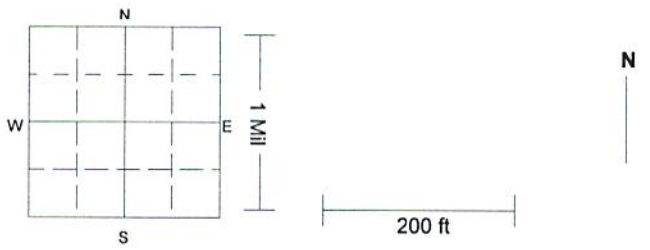
____mi. N/S and ____mi. E/W of intersection of _____ and _____

NW 1/4 of the NE 1/4 of the SW 1/4 of Sec 30 TW 79N RN 2E 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	8	BROWN	FIRM	CLAY
8	18	BROWN	FIRM	SAND
18	92	GRAY	FIRM	CLAY
92	107	GRAY	FIRM	CLAY&SAND
107	175	GRAY	FIRM	CLAY
175	345	WHITE/TN	HARD	LIMESTONE
345	348	GREEN	HARD	SHALE
348	372	MAROON	HARD	LIMESTONE
372	400	WHITE	HARD	LIMESTONE

RECEIVED
JAN 10 2010
By

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

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	185 ft	10	inch	from	210 ft	t	400 ft
15	inch	from	185 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"	STEEL.375	0	185	185
10	STEEL.365	0	210	210

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	185	190 BAGS
CEMENT	0	210	150 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 WITH AIR

☐ pumped ☑ airlifted ☐ bailed for 1 hrs at 300 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 240 ft to 372 ft ☐ seepage well

Static water level 84 ft (below/above) GL ☑ tap ☐ airline ☐ E-line ☐ estimate

Pump water level 172 ft (below GL ☐ tape ☐ airline ☑ E-line ☐ estimate

At yield of 250 GPM; ☐ Orifice ☑ Volumetric ☐ Estimate for 20 hours

Measurement taken at 10:00:00 AM Date 12/22/2010

Water quality test? ▨ Date

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC

Adress 1331 HWY 1, KALONA, IA 52246

Driller CORWIN GINGERICH Certification no. 2638

Send original form to **Iowa Department of Natural Resouces-Geological Survey**

Make photocopies for: **Well Contractor, and County Health Department**