

Site identification

Property Owner NEW HORIZONS COOP ASSN Other ID _____
 Address 1979 IOWA AVE BRITTA
 City Sioux
 Well Depth 305 ft Date completed 8/19/11

Location

County HAWKINS

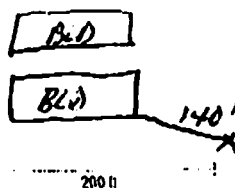
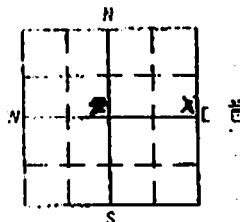
1/2 and 1/4 of intersection of 190th and IOWA
SE 1/4 of the SE 1/4 of the NE 1/4 of Sec 17 TWP 9S RNG 25E

Coordinates (NAD83 datum) only decimal degrees:

N. latitude

W. longitude

Sketch map of well location on property.



Elevation (known)

Formation log

From	To	Color	Hardness	Formation description
0	1	BLK	SOFT	TOP SOIL
1	9	BRN	"	SANDY CLAY
9	29	GRY	"	"
29	31	MULT	"	SAND
31	104	GRY	"	SANDY CLAY
104	204	BRN	HARD	LIMESTONE
204	208	GRY	MED	SHALE
208	230	BRN	HARD	LIMESTONE
230	249	GRY	"	"
249	296	BRN	"	"
296	304	GRY	"	"
304	305	GRY	"	"

use additional sheets as needed

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

Well use

Domestic
Livestock
Test well

Heat pump
Municipal
Public supply
Irrigation

Commercial
Monitoring
Other

Drill method

☒ Rotary ☐ Auger ☐ Cable ☐ Other

Hole size

Hole size continued
 12 1/2 inch from 0 ft to 220 ft
 7 7/8 inch from 220 ft to 305 ft

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

Casing

Drive shoe (yes/no) ☒ Pileless adapter (yes/no) ☒
 Size (OD) Type / WT Depth top Depth bottom Amount (length)
 8" 50R31 72 220 222

Perforated or slotted casing? (yes/no)

Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Placement method TRÉMISE

Type Depth top Depth bottom Amount (vol/wt)
 BENTONITE 0 206 33 BAKERS
 PORTLAND 206 216 8 BAKERS
 WELL SCREEN 216 300 4 BAKERS

Well screen (yes/no) ☒
 Diameter Slot size Depth top Depth bottom Length Material

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, bled) for 24 hrs at 100 GPM

Pump installed? (yes/no)

Date _____

Installer's name MORIS WATER
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer ☒ sand / gravel ☒ limestone ☒ sandstoneMain water-supply zone from 255 ft to 295 ft ☒ seepage wellStatic water level 48 ft (below/above) GL ☒ Tape ☒ airline ☒ E-line ☒ estimatePumping water level 180 ft below GL ☒ Tape ☒ airline ☒ E-line ☒ estimateAt yield of 100 GPM ☒ orifice ☒ volumetric ☒ estimate for _____ hours

Measurements taken at 1 (AM/PM) Date 8/19/11

Water quality test? (yes/no)

(date tested) _____

tested by _____

Contractor MORIS WELL CO.Address PO 127 COULTER IADriller JOE C Certification no. 1867