

WELL RECORD

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

PWTS Well No.:

PWTS Permit No.

96162

County Permit No.

Site Identification

Property Owner ANKENY, CITY OF ID: ASR 7

Address 1102 SE CREEKVIEW DR, ANKENY, IA 50023

Tenant

Well Depth: 2477 ft Date Completed: 7/14/2022

Location County POLK COUNTY IOWA

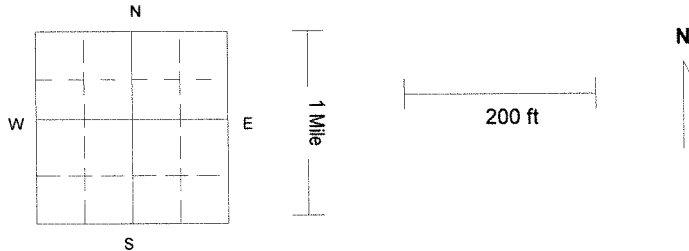
mi.^N_S and mi.^E_W of intersection of and

SW 1/4 of the SE 1/4 of the SW 1/4 of Sec 19 TW 80N RN 23W^E_W

GPS Coordinats (NAD83 datum only) decimal degrees:

41.718199 N. Latitude -93.573916 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
				SEE ATTACHED FORMATIONS

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

ADDITIONAL DRILLER: DILLON GINGERICH 10177
LOST CIRCULATION AT 163'-165'; 750'-800'; 1367'-1380'

Well Use

- ☐ Domestic ☐ Heat Pump ☐ Commercial ☐ Monitoring
☐ Livestock ☒ Public Supply ☐ Other
☐ Test Well ☐ Irrigation

Drill Method ☒ rotary ☐ auger ☐ cable other

Hole Size

inch from ft to ft inch from ft to ft
inch from ft to ft inch from ft to ft

Casing Placement Method: INNERSTRY/TRIMIE ☒ Drive shoe ☐ Plu

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
24 OD	STEEL .500	0	852	852
18 OD	STEEL .500	852	2072	1220
40 OD	STEEL .500	0	120	120
32 OD	STEEL .500	0	400	400

Perforated or Slotted Casing

☐ Perforated ☐ Slotted from ft to ft
☐ Perforated ☐ Slotted from ft to ft

Casing Grouted ☒ Grouted

Type	Depth top	Depth bottom	Amount (vol/wt)
HOLE PLUG	0	120	420 CU/FT
NEAT CEMENT	0	400	1327 CU/FT

Well Screen ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

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

Well Developed ☒ Well Developed

Explain WITH AIR & AIR SURGE

☐ pumped ☒ airlifted ☐ bailed for hrs at GPM

Pump Installed ☐ Pump Installed Date

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

Water information ☐ Sand/gravel ☒ Limestone ☐ Sandstone
Main Water-Supply Zone 1 from ft to ft ☐ Seepage Well
Main Water-Supply Zone 2 from ft to ft
Static water level 352 ft (below/above) GL ☐ tape ☐ airline ☐ E-line ☐ estimate
Pump water level ft (below)GL; ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of GPM ☐ Orifice ☐ Volumetric ☐ Estimate for hours
Measurement taken at Date

Water quality test? ☐ Date

Tested by

Contractor Name GINGERICH WELL PUMP SERVICE, LLC
Address 1331 HWY 1, KALONA, IA 52247

Driller KLINT GINGERICH Certification No. 2639

City of Ankeny		
ASR 7		
1102 SE Creekview Dr, Ankeny		
From	To	Formation Description
0	25	Fill
25	85	Blue Clay w/ Sand Streaks
85	100	Fine Sand
100	115	Course Sand & Gravel
115	148	Blue Clay w/ Sand Streaks
148	151	Course Sand
151	160	White Sandstone & Shale
160	163	Black Shale Coal
163	170	Lost Circulation - No Sample
170	360	Pennsylvanian Shale
360	400	Shale w/ Limestone Stringers
400	635	Gray/Brown Limestone Mix
*Footages below are measured from a kelly bushing height of 10' above ground surface		
635	670	Gray Shale
670	700	Gray/Brown Limestone
700	755	White/Tan Limestone
755	765	Brown/Gray Limestone
765	780	Porous Gray Limestone (Water)
780	795	Dark Brown Limestone
795	810	Dark Gray Limestone
810	825	Gray Limestone
825	900	White Dolomite
900	950	Gray/Tan Limestone
950	1125	Light Brown/Tan Limestone
1125	1130	Green Shale
1130	1155	Brown Limestone
1155	1160	White Shale
1160	1180	Brown Limestone
1180	1210	White/Tan Limestone
1210	1240	Gray Shaley Limestone
1240	1300	Tan/White Limestone w/ Shale
1300	1367	Gray/White Limestone
1367	1380	Fractures in Limestone Gray/White Limestone (Cement Shut)
1380	1460	Brown/Green Shale
1460	1570	Gray Brown Limestone
1570	1692	Light Tan Dolomite
1692	1697	Dark Brown Limestone
1697	1800	Light Tan Soft Dolomite
1800	1825	Light Tan Limestone
1825	1875	Gray/Brown Limestone w/ Shale
1875	1878	Gray/Green Shale
1878	1910	Gray/Brown Limestone
1910	1914	Dark Brown Limestone
1914	1921	Green Shale
1921	1951	White Sandstone
1951	1978	Brown Limestone
1978	2145	Light Tan Limestone
2145	2175	Light Gray/Tan Limestone
2175	2190	White/Gray Limestone Sandstone Mix
2190	2220	White Dolomite
2220	2240	White/Gray Dolomite
2240	2384	Brown/Gray Limestone Dolomite
2384	2422	Sandstone
2422	2485	Limestone

Hole Size		
Inch	From	To
48	0	120
36	120	400
30.5	400	852
24	852	1400
22	1400	2072
17	2072	2477